

V E R M O N T

2012 YEAR IN REVIEW

medicine

UNIVERSITY OF VERMONT COLLEGE OF MEDICINE

DOCTORING IN VERMONT

Serving and learning
throughout the community

ALSO FEATURED:

- ▶ The Vermont Cancer Center
- ▶ Philanthropy Gift Report for 2012





I AM A COACH.

I am a physician researcher.

Professor of Medicine **MARY CUSHMAN, M.D., M.SC.**, has for over 15 years worked with teams of physicians and scientists examining cardiovascular risk factors in broad populations, helping to uncover causes of vascular diseases and inform treatment guidelines. Nationally, she is a leader for the American Heart Association and a champion of their campaign to improve cardiovascular health and reduce deaths by 20 percent by 2020. And as director of the Thrombosis and Hemostasis Program, she cares for patients with blood-clotting disorders and leads multidisciplinary groups focused on improving quality of care. She is a valued mentor in the laboratory and in the clinic, demonstrating her commitment every day at the University of Vermont College of Medicine.



The University
of Vermont
COLLEGE OF MEDICINE

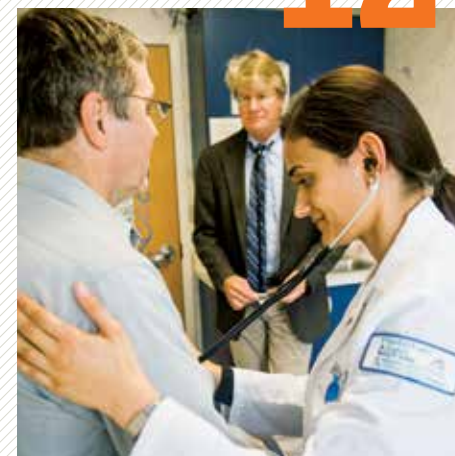
2 From the Dean

3 College News

A new chair of pathology and assistant dean; research notes from around the college; a microscope with a history; white coats for first-years, and more.

features

12

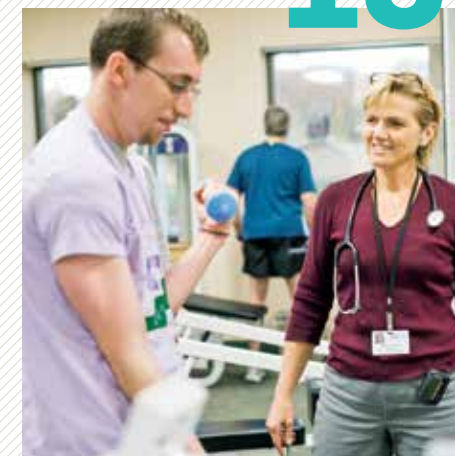


Making it Real

For second-year medical students, the Doctoring in Vermont course in the Vermont Integrated Curriculum is their entrance to the real world of working with patients in primary care practices across northern and central Vermont.

By **Edward Neuert**

18



New Approaches

Since its founding in 1974, the Vermont Cancer Center has brought together physicians and scientists who work to understand and treat the disease — through research, clinical innovation, and community partnership.

By **Sarah Zobel**

44



Philanthropy 2012

A full report on the generous contributions of the hundreds of supporters of the College of Medicine who helped the institution implement its missions throughout fiscal year 2012.



WebXtras in this issue:

- 2012 Frymoyer Scholars Projects
- Class of 2016 White Coat Ceremony coverage
- A closer look at the 1880s Wheeler microscope
- Excerpts from Dr. Wheeler's *Memoirs of a Small-Town Surgeon*
- Doctoring in Vermont student videos & photos

10 Facts & Figures

26 Departments & Centers

44 Philanthropy Report

65 Hall A

67 Class Notes

74 Obituaries

ON THE COVER: Medical student Joshua Price observes Associate Professor of Pediatrics Joseph Nasca, M.D.'88 examining a patient at Nasca's Georgia, Vt. practice. Photograph by Raj Chawla.



FROM THE DEAN

The beginning of a new year is always a time for a fresh look at life and the work at hand. An academic medical center is a place where, by definition, new knowledge is always in the process of being discovered and brought into use in the service of patients. Every day is filled with newness, but the turning of the calendar is a useful time

to pause to acknowledge the progress of the faculty, students, and staff of the College of Medicine in the past year. In this issue of *Vermont Medicine*, you will find a compendium of information on the work of our departments, the continuing efforts of our students and the faculty who teach them, and the vast network of supporters of the College who help us maintain our work.

One of the most significant areas of that work is, of course, cancer research and treatment. For nearly 40 years, the Vermont Cancer Center (VCC) has held an important place in the health care landscape of our state and region. This year has seen an important revitalization of the center under the guidance of co-directors Claire Verschraegen, M.D., and our new Chair of Biochemistry, Gary Stein, Ph.D. This issue of *Vermont Medicine* contains a look at the guiding thoughts of the co-directors, and a glimpse of a few of the many physician and scientist VCC members who advance research and treatment of cancer in our labs, in the clinic, and throughout the community.

Our community connections are also underscored by the web of student and preceptor interactions fostered during the Doctoring in Vermont course within the Vermont Integrated Curriculum. I'm sure graduates of this institution from across the years will feel a sense of identification with today's students as they read about the course in this magazine, and recall their own first attempts at building a differential diagnosis while at the side of a seasoned physician. The students and the curriculum may be new, but some experiences endure. Though certain things change, our core commitment to the physician-patient relationship stays the same.

Finally, we recognize the many supporters of the College listed in this issue who have contributed to help us achieve our goals in all the areas of our mission. The significant assistance we are fortunate to receive from alumni and friends is an indicator of the vital connection we have to the community around us.

Frederick C. Morin III, M.D.

Dean, University of Vermont College of Medicine

Send Us Your Stories



If you have an idea for something that should be covered in *Vermont Medicine*, please email: vmstories@med.uvm.edu.

Visit Vermont Medicine Online



For full current and past issues and exclusive webXtras at: www.uvm.edu/medicine/vtmedicine.

VERMONT medicine

2012 YEAR IN REVIEW
PUBLISHED JANUARY 2013

Editor

Edward Neuert

Assistant Dean for Communications & Planning

Carole Whitaker

Contributing Writers

Jennifer Nachbur

Erin Post

Assistant

Michelle lasilli

Art Director

Steve Wetherby, Wetherby Design

University of Vermont College of Medicine

Dean

Frederick C. Morin III, M.D.

Senior Associate Dean for Medical Education

William Jeffries, Ph.D.

Senior Associate Dean for Research

Ira Bernstein, M.D.

Senior Associate Dean for Clinical Affairs

Paul Taheri, M.D., M.B.A.

Senior Associate Dean for Finance & Administration

Brian L. Cote, M.B.A.



The University of Vermont
COLLEGE OF MEDICINE

Vermont Medicine is published by the University of Vermont College of Medicine. Articles may be reprinted with permission of the editor. Please send address changes, alumni class notes, letters to the editor, and other correspondence by visiting: www.uvm.edu/medicine/vtmedicine

COLLEGE NEWS

Leonard Appointed Chair of Pathology

Debra G. B. Leonard, M.D., Ph.D., has been named professor and chair of pathology at the College of Medicine and physician leader of pathology and laboratory medicine at Fletcher Allen Health Care.

Leonard joins UVM/Fletcher Allen from Weill Cornell Medical College and New York-Presbyterian Hospital/Weill Cornell Medical Center, where she has been professor and vice chair of laboratory medicine in the department of pathology and laboratory medicine and director of clinical laboratories since 2004. She also served as chief diversity officer of Weill Cornell Medical College from 2009 to 2012.

After graduating from the M.D./Ph.D. program at New York University, Leonard completed a residency in anatomic pathology, a post-doctoral fellowship in pathology and a surgical pathology fellowship at New York University Medical Center.

An expert in molecular pathology for genetics, cancers and infectious diseases, Leonard, is the editor of two textbooks on molecular pathology and has published over 80 peer-reviewed articles, book chapters, and reviews.

Leonard, who will relocate to Vermont in the spring, will succeed Ronald Bryant, M.D., associate professor and director of clinical pathology, who has served as interim chair of pathology and director of laboratory medicine.



Debra G. B. Leonard, M.D., Ph.D.



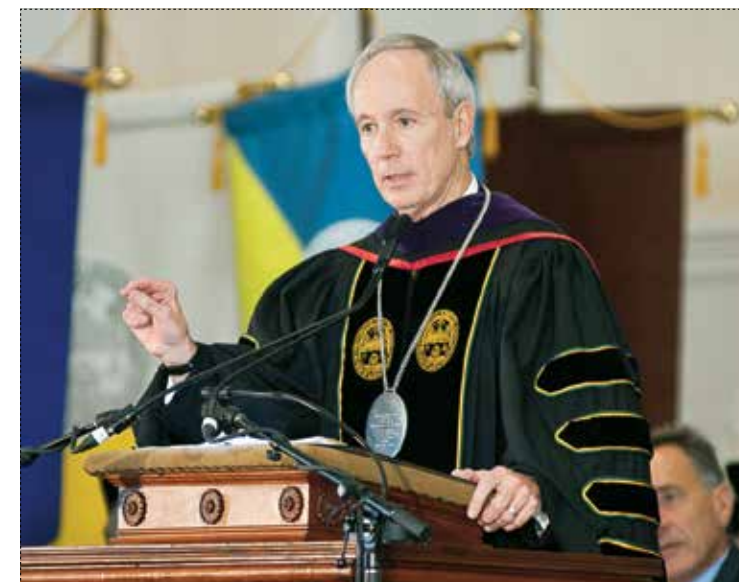
Margaret Tandoh, M.D.

Tandoh Named Assistant Dean for Diversity & Inclusion

The College of Medicine has named **Margaret Tandoh, M.D.**, assistant professor of surgery, as assistant dean for diversity and inclusion. In this new role, Tandoh will oversee the plans, policies, and initiatives for diversity and inclusion, and will also chair the Dean's Advisory Committee on Diversity and Inclusion.

Tandoh, who will continue her teaching, research and clinical duties as attending trauma surgeon, joined UVM/Fletcher

Allen in July 2011 from SUNY Upstate Medical University in Syracuse, N.Y., where she was assistant professor of surgery and director of the Clark Burn Center, and assistant dean for multicultural affairs. Tandoh earned her medical degree from Meharry Medical College in Nashville, Tenn. She then completed a surgery residency at Akron General Medical Center in Ohio, followed by a critical care/trauma fellowship at MetroHealth Medical Center in Cleveland.



Ceremony Marks Installation of E. Thomas Sullivan as 26th President

On October 5, 2012, UVM celebrated the installation of **E. Thomas Sullivan** as the institution's 26th president. In front of a capacity crowd in Ira Allen Chapel, dignitaries including Senator Bernie Sanders and Vermont Governor Peter Shumlin welcomed Sullivan and his wife, alumna Leslie Black Sullivan '77, to campus. Before coming to UVM, President Sullivan served for 15 years in leadership roles at the University of Minnesota, including eight as vice president for academic affairs and provost and seven as dean of the university's law school. Former U.S. Vice President Walter Mondale of Minnesota, Sullivan's longtime friend, delivered the keynote address.

New UVM/Danbury Hospital Series Features Global Health Leaders

“It’s empathy that brings all of us to medical school,” says Majid Sadigh, M.D., infectious disease specialist and director of global health at Danbury Hospital/Western Connecticut Health Network. A new Global Health Series promises to help reinforce that sense of interconnectedness in College of Medicine students by bringing together experts to discuss innovative projects around the world. The series is sponsored by Sadigh’s institution, which is a UVM teaching affiliate, and the College of Medicine. Two sessions were held during fall 2012, attracting an audience of students, faculty, and staff from the College of Medicine, the College of Nursing and Health Sciences and Fletcher Allen Health Care.

The first session, held in October and hosted by Sadigh, featured several nationally-recognized leaders in global health, and two College of Medicine students, Peter Cooch ’14 and Adam Ackerman ’14, who presented on their global microscope exchange project. The pair began by supplying a remote

region of Guatemala with microscopes, equipment and training; they plan to expand the project to Uganda with help from Sadigh. “For a lot of medical students, healthcare equity, cultural competence, and global priorities feel like some of the most tangible and engaging issues in medicine,” says Cooch.

Sadigh discussed existing partnerships and programs in development at the December session, including a global health elective. In addition to an exchange program with Kazan State Medical University in Russia, students and residents have the opportunity to study at Makerere University School of Medicine in Kampala, Uganda. Opportunities in Vietnam, the Dominican Republic, and Liberia are also in the works.



Repp Named Leader of Primary Care Internal Medicine

A three-time Teacher of the Year award winner for the Internal Medicine Residency has been named the Health Care Service Leader for Primary Care Internal Medicine at Fletcher Allen Health Care and chief of the Division of Primary Care Internal Medicine in the UVM Department of Medicine. **Allen Repp, M.D., M.S.**, associate professor of medicine, was identified after a national search led by Thomas Peterson, M.D., chair of family medicine. He began his three-year term on October 1.

The director of Fletcher Allen’s hospitalist service since 2009, Repp was elected as a Fellow in Hospital Medicine by the Society of Hospital Medicine in 2009, and is a reviewer for the *Journal of Hospital Medicine*.



Allen Repp, M.D., M.S.

Aiken and Lyden Receive Distinguished Graduate Alumni Awards

James Aiken, Ph.D.’70, and **David C. Lyden, M.D., Ph.D.’86**, received 2012 Distinguished Graduate Alumni Awards from the College of Medicine for their commitment to research and public service.

The Distinguished Graduate Alumni Award is presented to alumni from the College of Medicine’s Ph.D. or M.S. programs who have demonstrated outstanding achievement in basic, clinical, or applied research, education, industry, public service, humanitarianism, or outstanding commitment to the College of Medicine community.

Aiken, who earned his Ph.D. in pharmacology at UVM in 1970, is president and chief executive officer of Keystone Symposia on Molecular

and Cellular Biology, an educational nonprofit organization. His career as a research scientist and research executive in the pharmaceutical industry spans 32 years, and includes positions as senior director of therapeutic area strategy for Pharmacia Corporation and director of biology for the Swedish branches of Pharmacia & Upjohn.

Lyden is the Stavros S. Nairchos Chair and Associate Professor of Pediatrics and Cell and Developmental Biology at Weill Cornell Medical College and a faculty member for the M.D./Ph.D. program at the Tri-Institute (Rockefeller University/ Weill Cornell Medical College/ Memorial Sloan-Kettering Cancer Center). He has made several fundamental discoveries

— published in major journals such as *Nature*, *Nature Medicine*, and *Nature Reviews Cancer* — that involve the role of bone marrow-derived stem and progenitor cells in tumor vasculogenesis — or blood vessel growth — and in cancer metastasis.

Aiken received his award at the 2012 College of Medicine Graduate Student Research Day September 20, where he also delivered a lecture titled “The Value of Scientific Conferences.” The College hosted a ceremony and reception for Lyden on October 24. During his visit Lyden presented a seminar titled “Tumor-derived Exosomes Drive Pre-metastatic Niche Formation.”



James Aiken, Ph.D.’70



David C. Lyden, M.D., Ph.D.’86

Notables

Faculty Named 2012 Frymoyer Scholars

Four College of Medicine faculty members have been named 2012 Frymoyer Scholars for their work to promote teaching that emphasizes the art of patient care. Award winners include **Patricia King, M.D., Ph.D.**, assistant professor of medicine, and **Laurie Leclair, M.D.**, associate professor of medicine. **Ursula McVeigh, M.D.**, assistant professor of family medicine, and **Marie Sandoval, M.D.**, assistant professor of

medicine, received their awards with collaborators Jean Coffey, Ph.D., C.P.N.P. and Mary Val Palumbo, D.N.P., A.P.R.N., from the College of Nursing and Health Sciences. The John and Nan Frymoyer Fund for Medical Education supports the program.



For project descriptions go to:
uvm.edu/medicine/vtmedicine



Patricia King, M.D., Ph.D.



Laurie Leclair, M.D.



Ursula McVeigh, M.D.



Marie Sandoval, M.D.

Environmental Mutagen Society Recognizes Wallace’s Research Contributions

Susan Wallace, Ph.D., professor and chair of microbiology and molecular genetics, received the 2012 Environmental Mutagen Society Award at the Society’s 43rd Annual Meeting and delivered the EMS Award Lecture. The award recognizes outstanding research contributions in the area of environmental mutagenesis. Wallace was selected based on her fundamental studies



Susan Wallace, Ph.D.

on repair of DNA damage caused by environmental agents, and for her exemplary leadership in science.

VCC Scientists Receive Regional Cancer Research Organization Awards

Four UVM researchers received 2012 Lake Champlain Cancer Research Organization Awards from the Vermont Cancer Center and Fletcher Allen Health Care. **Aishwarya Prakash, Ph.D.**, a postdoctoral associate in microbiology and molecular genetics, received the \$100,000 J. Walter Juckett Postdoctoral Fellowship for her work as an outstanding young investigator. **Kim Dittus, M.D., Ph.D.**, an oncologist and assistant professor of medicine, and **Nicholas Heintz, Ph.D.**, a professor of pathology, each



(From left) Aishwarya Prakash, Ph.D., Mercedes Rincón, Ph.D., Nicholas Heintz, Ph.D., and Kim Dittus, M.D., Ph.D.

received a \$50,000 Pilot Project Award. A Bridge Award went to **Mercedes Rincón, Ph.D.**, professor of medicine.

Poynter and Tracy to Serve on New University Advisory Groups

Two members of the College of Medicine faculty have been named to important University committees. Vermont Lung Center Associate Director and Associate Professor of Medicine **Matthew Poynter, Ph.D.**, serves on the Envisioning Environment at UVM group. This group plans to build UVM’s reputation as an environmental leader by developing alternative models for environmental education and research. UVM

President Tom Sullivan has appointed **Russell Tracy, Ph.D.**, professor of biochemistry and pathology, to the 11-member President’s Advisory Council, a committee tasked with advising the President on university-wide strategies. Tracy is director of the UVM Laboratory for Clinical Biochemistry Research.



Matthew Poynter, Ph.D.



Russell Tracy, Ph.D.

Langevin Named Director of Harvard/Brigham and Women’s Osher Center

Helene Langevin, M.D., professor of neurological sciences, has been appointed director of the Osher Center for Integrative Medicine at Harvard Medical School and Brigham and Women’s Hospital (BWH). A member of the UVM faculty since 1996, Langevin has served as director of the UVM Program in Integrative Health since 2009 and holds a secondary appointment in Orthopaedics and Rehabilitation. While serving in her new role at the Osher Center, she will retain a part-time research appointment at UVM. Langevin will also hold an academic appointment in the division of preventive medicine within the department of medicine at BWH.



Helene Langevin, M.D.

Looking Back

Dr. Wheeler and No. 10131

John Brooks Wheeler, a student at Harvard Medical School in the 1870s, lamented “one of the greatest mistakes” of his student life one day in the classroom of Thomas Dwight, professor of anatomy.

The class viewed specimens through a microscope, and most students had their own instrument. Wheeler did too, but his was a hand-me-down. Thanks to the Great Boston Fire and the Panic of 1873, his family’s finances suffered and he thought he’d save some money.

“So when it came to the purchase of a microscope,” he wrote later in his book *Memoirs of a Small-Town Surgeon*, “I tried to get along with an old one of my grandfather’s, which not only was entirely out of date, but had never been meant for such work as I required of it.”

He called it “very unsatisfactory business” to use this microscope, and found himself grateful for classmates who would let him take a look through their instruments.



“My attempt at economy was penny-wise and pound foolish,” he said in his book, published in 1935.

Fast-forward several decades, to when a handcrafted wooden box turns up in the Dean’s Office of the College of Medicine. Inside is a brass microscope labeled C. Zeiss Jena No. 10131. The name engraved on its barrel: “John B. Wheeler. Burlington, Vt.” This is no hand-me-down, but a beautiful instrument purchased by Wheeler after he’s established his medical practice.

Wheeler became professor and chair of surgery at UVM in 1900. He served in this role until 1924, shepherding the department through some of the greatest advances the field had seen to date.

Microscope technology also saw new developments, and Wheeler certainly invested in a quality instrument after his experience as a student. The Zeiss firm, founded by Carl Zeiss in Jena, Germany, had by the 1870s developed mathematical modeling to design lenses, vastly improving their performance.

As a professor and clinician in Burlington, Wheeler taught in the second medical building and had an office on Main Street. He also traveled to homes across the region before automobiles came into common use. It was a way of life for this ‘small-town surgeon,’ as he jokes in his book: “These out of town trips were so frequent that there was a time when I was almost as well known on the railroads of central Vermont as the conductors.”

The brass-and-steel microscope owned by Professor and Chair of Surgery John Brooks Wheeler, M.D., was a state-of-the-art scientific instrument when it was made in Jena, Germany, in the mid-1880s.



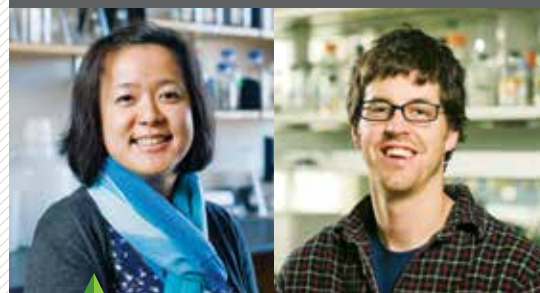
View more detailed photographs of the Wheeler microscope and read excerpts from his memoir. Go to: uvm.edu/medicine/vtmedicine

STUDENT NOTES



Public Health Project Receives Award at National Meeting

Nine Public Health Project abstracts from the College of Medicine Class of 2014 were accepted for presentation at the American Public Health Association (APHA) 140th Annual Meeting and Exhibition in San Francisco, Calif. One of the poster abstracts received the APHA Section on Community Health Planning and Policy Development (CHPPD) Student Abstract Award. Coauthors on the award-winning abstract include students **Jacob Azurdia**, **Jocelyn Hu**, **Elizabeth Kispert**, **Autumn Polidor**, **Matthew Saia**, **Matthew Thomas**, and **Richard Tan**, as well as **Molly Dugan, M.P.A.**, project manager at Cathedral Square, **Patricia Berry, M.P.H.**, and **Thomas Delaney, Ph.D.**, from the UVM Vermont Child Health Improvement Program and Department of Pediatrics, and **Jan K. Carney, M.D., M.P.H.**, UVM associate dean for public health.



CMB Students Garner Awards

Two doctoral students in the Cell, Molecular and Biomedical Sciences (CMB) Program have received prestigious awards related to their research on mesothelioma. **Kheng Newick** received a travel award to present a poster at the International Mesothelioma Interest Group meeting in Boston, Mass. **Brian Cuniff** is working in Cambridge, England, in the Mitochondrial Biology Unit of the Medical Research Council courtesy of a four-month Society for Free Radical Biology and Medicine Research mini-fellowship. Cuniff also received a Young Investigator Award at the Society for Free Radical Research International meeting at Imperial College in London, England. Both students are mentored by Nicholas Heintz, Ph.D., professor of pathology.

Research Notebook

Wasserman and Colleagues Study Early Onset Puberty in Boys

Boys in the U.S. are experiencing the onset of puberty six months to two years earlier than reported in previous research, according to a study conducted through a practice-based research network directed by Professor of Pediatrics **Richard Wasserman, M.D., M.P.H.** The trend toward earlier onset of puberty in girls is generally accepted but, until now, little research was available on puberty onset in boys. For this study, 212 practitioners in 144 pediatric offices in 41 states recorded information on more than 4,100 boys. Onset

of the earliest stage of puberty in non-Hispanic African-American boys, non-Hispanic white boys and Hispanic boys ranged from 9.14 years to 10.4 years. The study appeared in the November 2012 issue of the journal *Pediatrics*.



Richard Wasserman, M.D., M.P.H.

James Reports Preoperative Needle Breast Biopsies Can Lead to Improved Treatment Outcomes



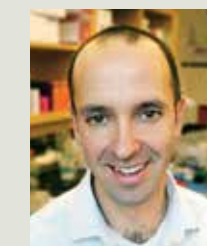
Ted James, M.D.

A new study from Professor of Surgery **Ted James, M.D.**, and colleagues, suggests that needle biopsies, as opposed to open biopsies, can lead to improved treatment outcomes for breast cancer. The study appeared in the October

2012 issue of the *Journal of the American College of Surgeons*. James and colleagues analyzed data on 1,135 patients diagnosed with breast cancer and treated at Vermont hospitals between 1998 and 2006. Results showed that patients who had an open biopsy were more likely to require another operation because they were less likely to have adequate amounts of the tumor excised. They were also less likely to have their lymph nodes assessed.

Previs and Warshaw’s Science Study Focuses on Molecular Heart Regulator

In a study published in *Science* in September, **Michael Previs, Ph.D.**, a National Institutes of Health-supported postdoctoral fellow, **David Warshaw, Ph.D.**, professor and chair of molecular physiology and biophysics, and colleagues examined the molecular impact of cardiac myosin-binding protein C (cMyBP-C). Mutations of this protein lead to hypertrophic cardiomyopathy, a well-known cause of sudden death in young athletes. “A heart beats 70 times per minute, ejecting blood with each beat, and cMyBP-C facilitates that action,” says Previs. “However, despite its clinical importance, the role of this protein in the regulation of cardiac muscle contraction is not well understood.” Using single molecule microscopy and transgenic mouse models of human heart disease, Previs, Warshaw and their team established direct molecular



Michael Previs, Ph.D.



David Warshaw, Ph.D.

evidence that cMyBP-C acts to limit the power generated by the heart’s molecular motors. The group also discovered how modifications to the structure of cMyBP-C — a condition observed in diseased hearts — have profound effects on cMyBP-C’s function. Their findings will help to develop therapeutic strategies.

Anathy Receives Competitive American Thoracic Society Grant

Vikas Anathy, Ph.D., research associate of pathology, has received an \$80,000 grant from the American Thoracic Society Foundation/ Pulmonary Fibrosis Foundation. The grant goes to a researcher whose program has a

high likelihood of advancing the understanding of pulmonary fibrosis — a condition marked by scarring and stiffening of the lungs. Anathy’s research examines the molecular mechanisms involved in idiopathic pulmonary fibrosis and acute respiratory distress syndrome. Anathy and his collaborators Matthew Poynter, M.D., UVM associate professor of medicine, and Anna Dixon, M.D., UVM associate professor of medicine and director of pulmonary and critical care medicine, will use genetically modified mice to improve understanding of the disease mechanism and to identify pharmacological inhibitors that interrupt airway remodeling.



Vikas Anathy, Ph.D.

NIEHS Grant Supports van der Vliet’s Environmental Tobacco Smoke and Asthma Research

An online article coauthored by Professor of Pathology **Albert van der Vliet, Ph.D.**, in the journal *Nature Chemical Biology* in July 2012 highlighted the potential importance of hydrogen sulfide (H₂S), a known airborne pollutant, in metabolizing and detoxifying acrolein, a toxic chemical found in cigarette smoke. With support from a \$1.7 million grant from the National Institute of Environmental Health Sciences, van der Vliet and his team will now study the relevance of H₂S in the context of environmental tobacco smoke and its effects — from a lung biology perspective — on asthma. One goal is to clarify the associations between cigarette smoking and disease.



Albert van der Vliet, Ph.D.

WHITE COATS

for the Class of **2016**

One by one on the afternoon of October 20, members of the Class of 2016 walked up on the stage in Ira Allen Chapel. To the cheers of family and friends, they donned the white coat of a physician for the first time, marking the beginning of their clinical experience.

During the annual White Coat Ceremony, students take an oath to reaffirm their commitment to patients, vowing to

practice medicine with “conscience and dignity.” In the past, the ceremony was held six months into the academic calendar, but this year, the ceremony took place in conjunction with Family Day. Newly-appointed Associate Dean for Student Affairs Christa Zehle, M.D., an associate professor of pediatrics and pediatrician at UVM/Fletcher Allen and Class of 1999 College of Medicine alumna, delivered the keynote presentation.



Associate Dean for Student Affairs Christa Zehle, M.D.'99, [bottom right] gave the keynote address during the White Coat Ceremony for the Class of 2016. White coats were donned by 114 members of the first year class, including Yun-Yun Chen [at right, middle] being helped into her coat by Dean Rick Morin.



View the 2012 White Coat Ceremony online. The ceremony was streamed live, and you can watch a recording and see more photos of the event. Go to: uvm.edu/medicine/vtmedicine



STUDENT PROFILE

Medical student Mutlay Sayan '16 enters Ira Allen Chapel in October during the White Coat Ceremony.

A Long Journey to the Start of a Medical Career

Mutlay Sayan '16 remembers, as a young teen, watching students walk in to the school across the street from the factory in Istanbul where he worked alongside his mother. He dreaded the thought of a life spent in that factory, working up to 12 or 15 hours at a time. So one day, he made what he calls the “biggest decision” of his life.

“I went to the school and asked for help,” he said. “That was the action that brought me to the U.S.”

The school’s headmaster wound up awarding him a scholarship (which he found out later was from her husband), bought his books and uniform, and even gave him a few Turkish lira for an occasional ice cream cone. Sayan didn’t take the headmaster’s gesture for granted; he worked hard, graduated first in his class, and went on to study business at Istanbul University. A work-travel program brought him to Manchester, Vt. During this trip he learned that students in the United States can study whatever they choose, unlike

the system in Turkey, and he knew that, ultimately, he wanted to be a doctor. So Sayan got another scholarship and a visa, and enrolled at Community College of Vermont.

“I arrived with my two suitcases in 2007,” he said. “I didn’t know anyone.” He also didn’t know any English, which was the biggest challenge of all.

After a few semesters taking classes and learning the language, he transferred to UVM with a major in economics, but with his sights set on medical school. For three years he worked in the lab with Brooke Mossman, Ph.D.'77, who does research on the molecular mechanisms and pathogenesis of several cancers. It’s a cause Sayan has a personal connection to — his father was diagnosed with lung cancer when Sayan was 11. This prompted his family to leave their village near the border of Iran so that his father could receive treatment in Istanbul. His parents, who could not read or write, struggled to make ends meet. Sayan worked in the factory to

help cover expenses. It was a tough decision to leave their home, and equally tough for him to quit school, he said, but it’s one that gave his father another eight years of life. Now a first-year medical student, Sayan is on his way to his goal of becoming an oncologist. He received his White Coat at the ceremony in October — an occasion that marks the psychological contract doctors establish with their patients — with his mother in the audience.

“It was very emotional,” he said. “She was crying through the whole thing.”

He hopes to have his mother, who still works at the same factory, move to the U.S. when he is finished school. “She’s the one who has given me the strength to continue,” he said. Sayan is now looking forward to the time he can make a difference in people’s lives, both with medicine and with a compassionate presence.

“I can’t wait to start seeing patients and really connecting with them,” he said. “It’s not just the patient that you treat; it’s the whole family.”

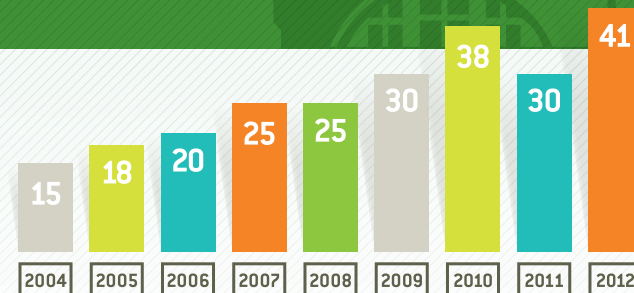
facts & figures

ACADEMIC YEAR **2012**

UVM College of Medicine MISSION STATEMENT

The Vision of the University of Vermont is to be among the nation's premier small research universities, preeminent in our comprehensive commitment to liberal education, environment, health, and public service.

In support of this vision, the Mission of the UVM College of Medicine is to educate a diverse group of dedicated physicians and biomedical scientists to serve across all the disciplines of medicine; to bring hope to patients by advancing medical knowledge through research; to integrate education and research to advance the quality and accessibility of patient care; and to engage with our communities to benefit Vermont and the world.



NUMBERS OF ALANA* STUDENTS

IN COLLEGE OF MEDICINE INCOMING CLASSES
(by academic year)

*Includes: African American, Latino/a, Asian, Native American



MEDIAN UNDERGRADUATE GPA

OF COLLEGE OF MEDICINE INCOMING MEDICAL STUDENTS
(by academic year)

Endowments (Market Value as of June 2012)

2012 Department Support.....	\$60,717,856
Scholarship	\$23,961,804
Total Endowment Value	\$84,679,660

Private Gift Revenues

Private philanthropy to the College of Medicine from alumni, friends, and organizations totaled \$7.1 million for fiscal year 2012.

For more detailed information about philanthropy, see page 44.

Faculty

Basic Science	85
Clinical.....	550
Volunteer (Vt., Maine, Conn., N.Y., Fla.).....	1,075
Staff	403

Departments

Basic Science	5
Clinical.....	11

Research Support

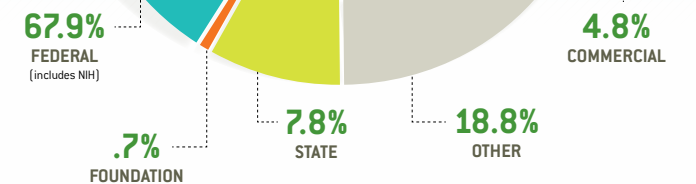
Total dollars **\$68.69 million**

A total of 298 research projects were active at the College in 2012. College of Medicine funding represents more than 53 percent of total UVM research funding. The National Institutes of Health (NIH) support three Centers of Biomedical Research Excellence at UVM, that focus on neuroscience, lung biology, and immunobiology.

Facilities / Physical Plant

Total Area	566,500 sq. ft.
Given Building	196,000 sq. ft.
HSRF	110,000 sq. ft.
Courtyard at Given.....	31,000 sq. ft.
Medical Education Center.....	44,000 sq. ft.
Stafford Hall.....	70,000 sq. ft.
Colchester Research Facility.....	72,000 sq. ft.
DeGoesbriand	20,000 sq. ft.
Others	23,500 sq. ft.

RESEARCH SUPPORT (% by source)



Student Body — Academic Year 2011–12

Total Medical Students	446
In-State	28.7%
Women	50.0%
Men	50.0%
Ph.D. & Masters Students	129

Class of 2016

The College received more than 5,400 applications for the 114 positions in the Class of 2016, who began their first year in August 2012.

Median undergraduate GPA.....	3.70
Median MCAT — Verbal	10.0
Median MCAT — Physical Science	10.0
Median MCAT — Biological Science	10.0
Students with research experience.....	90%

Students come from 19 states across the U.S. and three other countries.

Graduates/Alumni

Class of 2012

2012 graduates went on to residencies at 63 institutions across the nation, including Yale-New Haven Hospital, Rhode Island Hospital/Brown, the Duke University Medical Center, University of Rochester, Johns Hopkins Hospital, the Lahey Clinic, Einstein/Montefiore Medical Center, Stanford University, and Fletcher Allen Health Care.

Alumni

Number of living alumni of the College	4,335
Percentage of alumni who practice in New England	43%
Percentage of Vermont physicians educated or trained at the academic health center	38%
Percentage of Alumni who contribute philanthropically	37%



THE COLLEGE IS AMONG THE TOP MEDICAL SCHOOLS IN THE NATION
FOR PERCENTAGE OF MEDICAL ALUMNI WHO GIVE EACH YEAR



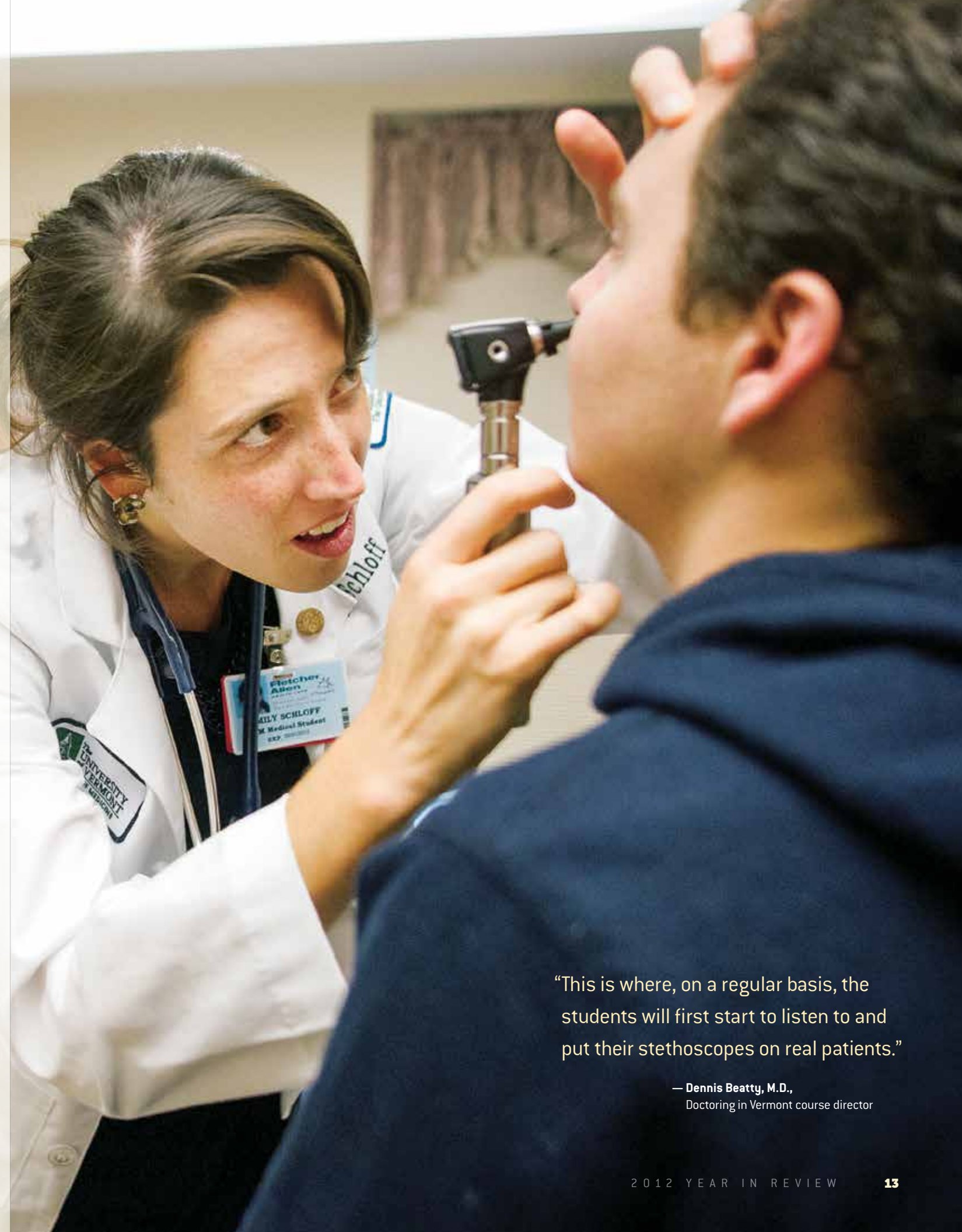
MAKING IT REAL

by Edward Neuert | photographs by Raj Chawla

FOR SECOND-YEAR MEDICAL STUDENTS, THE **DOCTORING IN VERMONT** COURSE IS AN INTRODUCTION TO THE REAL WORLD OF PATIENTS AND PRIMARY CARE PRACTICES.

Emily Schloff's long road to medical school brought her right back to her own hometown for one of the formative experiences in the making of a physician. Beginning in the spring of her first year of studies at the College of Medicine she, like all the other members of the Class of 2015, received an assignment to study at the side of a preceptor, a primary care physician who would introduce her to the world of real patients with real physical complaints, the impromptu "faculty" of Doctoring in Vermont course in the Vermont Integrated Curriculum.

"My preceptor was Dr. Mark Peluso at the Middlebury College Health Center," says Schloff. Though she grew up in the Addison County college town, Schloff had never met Peluso before. "Though when I saw pictures of his kids, I did realize I knew them from my days as a lifeguard at the town pool." All Doctoring in Vermont (DIV) students spend a minimum of four afternoon sessions at their assigned practice in their first spring, and another four the following fall. About 60 clinical faculty members, Vermont family medicine, pediatric, and internal medicine physicians located within an hour's drive of main campus, serve as preceptors to the 113 members



"This is where, on a regular basis, the students will first start to listen to and put their stethoscopes on real patients."

— Dennis Beatty, M.D.,
Doctoring in Vermont course director

MIDDLEBURY As Mark Peluso, M.D., looks on, Emily Schloff '15 examines a patient at the Middlebury College Health Center.



MIDDLEBURY Emily Schloff '15 observes Mark Peluso, M.D., during a physical exam. Having students in his office, Peluso says, keeps him "on his toes."

of the Class of 2015. "These volunteer faculty members are an incredible resource for us," says Paula Tracy, Ph.D., professor of biochemistry and director of the Foundations Level, the 18-month initial stage of the Vermont Integrated Curriculum. "They introduce the students to so much of what it means to be a practicing physician."

"This is the students' first experience of taking a real history from a real patient," explains course director Dennis Beatty, M.D., An assistant professor of medicine and a primary care physician at Aesculapius Medical Center in South Burlington, Vt.,

Beatty has directed the course for the last eight years, having been recruited to the position by the "founding spirit" of DIV, former associate dean for primary care Mildred Reardon, M.D.'67, who first structured the course in something like its current form more than 20 years ago.

"They'll work with preceptors in taking patient histories and performing physical examinations, and they'll review their encounters outside the room," Beatty says. "Students learn about the kinds of things patients present within a given practice, and how the doctor manages multiple patients at the same time. They'll

start to hear some terms and medications they may not yet be familiar with. And I think these things are more meaningful and purposeful when they're coming up during treatment of a real patient." Students have worked with standardized patients here on campus beforehand, Beatty notes, referring to the highly trained corps of teachers who simulate patients on-campus in the Clinical Simulation Laboratory. "But this is where, on a regular basis, the students will first start to listen to and put their stethoscopes on real patients."

For Emily Schloff, as for most other DIV students, that experience started soon after she walked in the door of the Middlebury health center for the first time.

"From day one Dr. Peluso let me go in on my own to see some patients first. He'd say, 'Go take a few minutes and find out why they're here.' Of course, he'd already know why they were here, but I'd have a chance to take a history from the patient on my own, and then go back to the doctor and

"I'd have a chance to take a history from the patient on my own, and then go back to the doctor and report — so I learned on my feet to present a patient summary."

— Emily Schloff '15

"I feel that my patients appreciate having medical students at the practice. I think any chance you have to put these bright young people in front of patients adds validity to what you're doing."

— Joseph Nasca, M.D.'88

report — so I learned on my feet to present a patient summary. Then we would go back in together and he would ask some more questions, and then together we would do the physical examination of the patient."

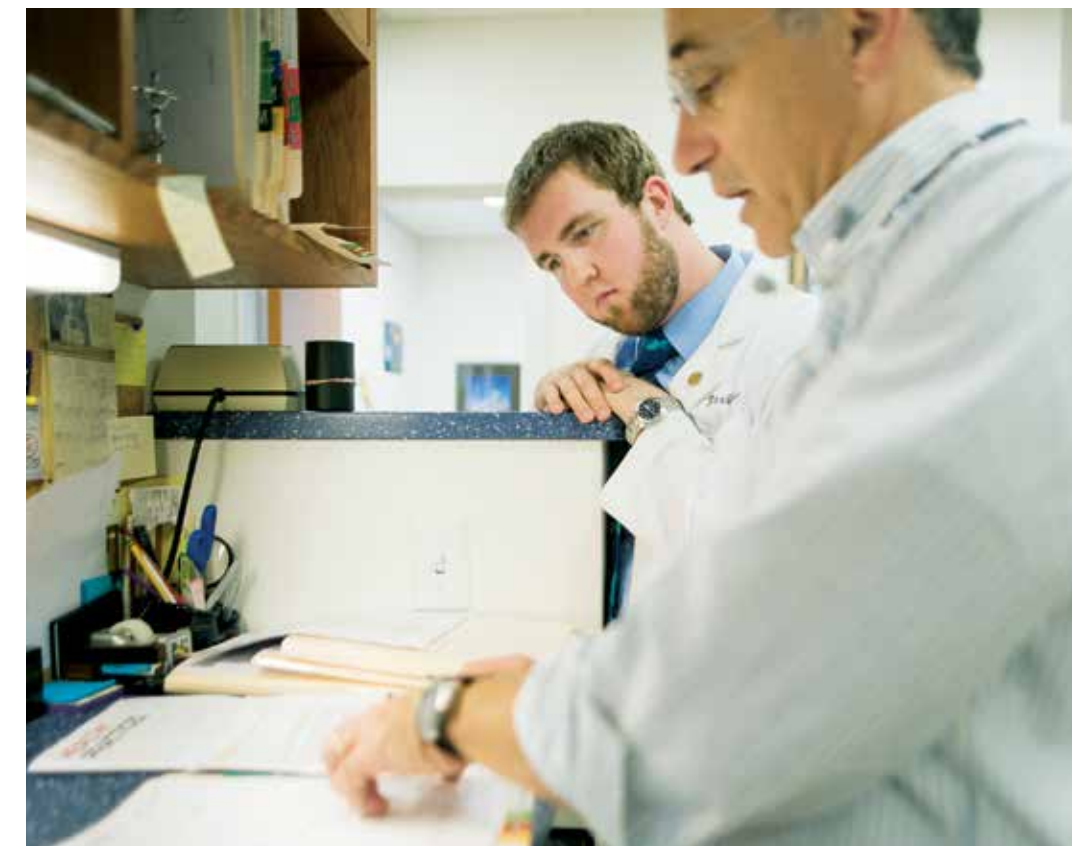
"It was a little nerve-wracking at first," admits Joshua Price, who experienced DIV in the office of Joseph Nasca, M.D.'88 in Georgia, Vt. "Halfway through the first day Dr. Nasca handed me a chart and said 'go into this room and figure out what's wrong with this person and then come back and brief me.' That's pretty nerve-inducing, at first. It's undeniably different from even the great simulations we have beforehand. You're not working on an individual skill; you have to start head-to-toe and narrow it down. It's a challenge and, ultimately, it's fun." Price is no stranger to a doctor's office: he grew up in St. Johnsbury, Vt., where his father, Mark, is a pediatrician.

For medical student Bruno Cardoso, interacting with patients was not a new experience, but acting as a diagnostician was. "I was an Intensive Care Unit nurse for six years before I came to med school," he explains. "So I'd interacted with many, many patients before. But it was different. I wasn't asking the kind of questions a physician asks, or looking at the situation the same way." Cardoso's DIV preceptor was Emanuele Chiappinelli, M.D.'75, in St. Albans, Vt. Cardoso found that he shared with his preceptor a deep respect for the art of the patient history, and the physical exam. "And I was in awe of the body of knowledge he has from decades of treating patients," he says "He'd come into the room after I'd taken my history and he'd ask similar questions, but in a much more efficient manner, and he'd get right down to the information he needed to get to, and that I hadn't elicited from the patient even though I *thought* I was asking the right questions. It was amazing to watch, and encouraging to think that, with

any luck, I'll gain that kind of experience and ability too."

After the spring DIV sessions, every student is required to take part in a Clinical Correlation session, where they each pick a case that they have seen clinically, research the case and the condition, and do a full presentation to their classmates. "They'll talk, for instance, about a patient they saw who had diabetes, and they'll fully explain the case, and go into the medications that patient takes, and the follow the physiology of how those meds work on the molecular level," says Beatty.

"I loved taking a patient I'd seen and, for the first time, doing a presentation for my peers. I think it's valuable to be able to learn that early on," says Price.



GEORGIA Top: Joshua Price '15 takes a patient history on his own in Georgia, Vt. Bottom: Joseph Nasca, M.D.'88 reviews the case afterwards with Price.



ST. ALBANS Emanuele Chiappinelli, M.D.'75 guides Bruno Cardoso '15 through a physical exam at St. Albans' Mousetrap Pediatrics.

The medical preceptors, in their many practices throughout northern Vermont, see the mentoring experience as a way to contribute to the future of their profession, and an experience that can reaffirm their medical knowledge. "The students really keep me on my toes," says Peluso, who precepted Emily Schloff. "When you're teaching something while doing it, you think it through just a bit more, and I find that to teach something that's complicated allows me to understand it even better. And I have a patient population here at Middlebury that's mostly college students. They really seem to enjoy having the medical students there, especially the pre-med students. They can connect on a whole different level. I find that UVM med students are very empathetic and ask really bright questions, which is an indicator of how they've been prepared."

"I always start out by telling the student who's beginning at my practice to read the physician's oath," says Joseph Nasca, who precepted Joshua Price. Nasca has mentored DIV students since the early 1990s. "I feel that my patients appreciate having medical students at the practice. I think any chance you have to put these bright young people in front of patients adds validity to what you're doing," he says. "I'll often preface a visit by telling my patient 'I'd like you to help teach this student with me.' I believe that's what they're doing. And I tell the student, above all, to listen while they're taking a history or doing a physical exam. I always think that, for a patient, one of the most important things you can hope for when you come to a doctor's office is that you'll find someone truly listening to you when you show up."

At the beginning of the second semester of DIV, students are assessed at the College of Medicine by doing a full history and physical exam with a standardized patient. They receive detailed feedback on this exercise. Near the end of the second semester, they do another such history and exam, and this time they are graded on their performance. Both times they fully document their experience on an electronic health record. "They'll soon be



SWANTON A patient in the Swanton, Vt. practice of Michael Corrigan, M.D.'80 (center) shares family photos with Doctoring in Vermont Student Emily Rosen '15.

heading into hospitals to do their clinical clerkships, and they'll have to use these electronic systems," says Beatty. "So it's better for them to be ahead of the game instead of having to learn how to document while they have all the new knowledge of clerkships to take in too."

Some medical students return to their DIV practices for extra sessions after the course, or come back for a rotation during their fourth year of studies. And sometimes, for a preceptor, that relationship has even more significance, as is true especially for Joseph Nasca. "Josh's dad, Mark Price, helped train me 25 years ago, in Burlington, when I was doing my acting internship in neonatal care," he says. "Mark was a real role model for me, so being able to help train the next generation of that family feels like a real closure of the loop for me." **VM**



View videos of some of the students who have completed Doctoring in Vermont, and see additional photos from their encounters. Go to: uvm.edu/medicine/vtmedicine



COLCHESTER Medhavi Bole '15 talks to her preceptor, Dennis Sanders, M.D., at the Vermont Center for Cancer Medicine in Colchester.



new approaches

FOR NEARLY 40 YEARS, THE VERMONT CANCER CENTER HAS BROUGHT TOGETHER PHYSICIANS AND SCIENTISTS WHO WORK TO UNDERSTAND AND TREAT THE DISEASE — THROUGH RESEARCH, CLINICAL INNOVATION, AND COMMUNITY PARTNERSHIP.

by Sarah Zobel | photographs by Raj Chawla

Nothing lets loose a shot of dread quite as quickly as the word “cancer.” One of three Americans will be diagnosed with cancer at some point in his or her lifetime; one of five will die from it. As the country’s population ages, the disease’s prevalence will only increase. At the Vermont Cancer Center, one of the primary goals is to develop approaches that will someday make cancer a fully treatable disease.

Down the road, I think it’s going to be a disease that one is going to treat on a continual basis,” says VCC co-director Gary Stein, Ph.D., “and that will be compatible with a high quality of life. The more we understand about the disease, the more we are becoming capable of addressing it using treatments that have more specificity and fewer ‘off-target’ effects.”

Stein, who is also chair of the College of Medicine’s Department of Biochemistry, arrived at the VCC in July, joining co-

director Claire Verschraegen, M.D., who had served as interim director since 2011. Their arrivals signaled a turning point for the center. Stein came from the University of Massachusetts Medical School’s cancer center; and Verschraegen, from the University of New Mexico’s. She is a native of Belgium who describes herself as a world citizen, at home anywhere, while he’s a Brooklynite who first moved to Vermont as a UVM undergrad, skis in hand. Already they’ve established what seems to the casual observer as an obvious easy rapport, often finishing each other’s sentences. Stein says they, in essence, recruited each other to the VCC.

“We represent a composite picture,” he says. “We have extensive combined experience in the development and implementation of clinical trials that are not confined to an institution, but regional expertise in investigation with cellular

VCC Co-Directors Claire Verschraegen, M.D., and Gary Stein, Ph.D., have shared leadership of the center since July. They consider themselves a “composite picture of the research and clinical elements of the center.”

molecular biochemical approaches that span test tube cells and animal models and into patients.” Summarizes Verschraegen: “Gary is the researcher and I’m the physician investigator, and we get along very well.”

The VCC, founded in 1974, is a matrix organization whose 135-plus members range from College of Medicine and University-wide faculty to students and fellows and health care providers. Its accessibility to residents of Vermont, New Hampshire, and northern New York means patients don’t have to travel out of state for treatment, which would only add to the physical and mental stresses of treatment.

Stein is a 25-year cancer survivor himself and, while he would have preferred not to go through that experience, he recognizes it as an unparalleled learning opportunity.

“Why shouldn’t Vermonters have state-of-the-art opportunities to be treated?” asks Stein rhetorically. “Why should they have to go out of state?” Here “state-of-the-art” includes genomic analysis, including massively parallel signature sequencing, something for which the University is nationally recognized. Stein is confident that in the not-so-distant future, molecular diagnostics will be the most effective and most widely used form of diagnosis.

The VCC has also established a specific laboratory for translation research, which allows the kinds of partnerships it supports to flourish in a mentored environment. “It’s not just for people initiating their careers,”



Associate Professor of Pharmacology Alan Howe, Ph.D., focuses his research on early detection of cancer.

says Stein. “It’s for somebody who has an established career treating cancer patients or an established career working on cell division in the laboratory, and they’ll be able to partner and bridge what is coming out of both those disciplines.”

Stein and Verschraegen keep translation at the forefront of their work together, defining it as a continuum that reaches all patients, from children through geriatrics, on issues ranging from prevention and early detection through survivorship.

“I ENVISION A DAY WHERE, IF A PERSON HAD OTHER PREDISPOSING FACTORS OR SYMPTOMS, WE WOULD HAVE A BETTER WAY TO EXAMINE THEM... THEN WE’D BE ABLE TO FIND OUT WHETHER THEY HAD CANCER MUCH EARLIER.”

— Alan Howe, Ph.D., Associate Professor of Pharmacology

The majority of cancer-related deaths are due to metastasis rather than the primary tumor, and VCC member Alan Howe, Ph.D. wants to understand the mechanisms behind metastasis. Specifically, he is focused on examining how cancer cells respond to cues in their microenvironments, how these cues promote cancer metastasis, and how the cues might be exploited for early detection of tumors. His laboratory studies how the microenvironment outside cancer cells controls the structural scaffolding inside cells — the cytoskeleton — to effect changes in cell shape, movement, and invasion.

Howe is extrapolating from the model of what happens in breast cancer, where healthy cells around a tumor will respond with a reaction that attempts to kill the tumor, or at least keep it contained. There’s frequently a physical rearrangement of the architecture around the tumor — what Howe describes as a basket of tightly-woven fibers that are pulled together by the surrounding normal cells. Unfortunately, says Howe, “cancer is clever and insidious,” and instead of being contained, it responds to those signals by multiplying more

rapidly and pulling on those fibers to invade more efficiently. Howe is focusing on how this rearrangement might contribute to ovarian cancer, whose most significant problem is its difficulty of detection: in 75 percent of cases, by the time cancer is discovered it has already metastasized, a stage at which the five-year survival rate is less than 20 percent. Howe is studying the changes that occur between ovarian cancer and its microenvironment, and how these changes affect the invasive behavior of ovarian cancer cells, in the hope that these changes can one day be used as a target for therapy or as screening tool in women who are predisposed to ovarian cancer.

“This new dialogue between tumor and host presents not only a whole new avenue for understanding why the cancer is getting worse,” says Howe, “because now the disease is not limited to factors that are inherent to the tumor cells, but also a new opportunity to understand how the body may be reacting. This may help you detect cancer in new ways — you’re not just looking for evidence of the tumor, you might be looking for evidence of changes in surrounding stromal tissue that have come up in reaction to the tumor.” This means doctors would have new, physical ways to look for cancer, including functional MRIs, second-harmonic imaging, and nonlinear optical imaging. Howe thinks that this may be a first step in routine physical screening for ovarian cancer, and that it’s possible that this approach will eventually be applicable to other cancers as well.

“I envision a day where, if a person had other predisposing factors or symptoms,” he says, “we would have a better way to examine them through novel imaging methods or by looking in their blood for specific markers of cancer-induced stromal reactions or changes. Then we’d be able to find out whether they had cancer much earlier.”

Both Verschraegen and Stein want to make the VCC a “one-stop shopping” model for cancer early detection and treatment, but at the same time, both recognize the benefits

“WE’RE PLAYING A CATALYTIC ROLE IN BRINGING THE REGION TOGETHER ... IT’S THE ONLY EFFECTIVE WAY TO PROVIDE OPTIMAL PATIENT CARE AND MOVE SCIENCE FORWARD.”

— Gary Stein, Ph.D., VCC Co-Director

to be gained from working with other regional centers. They’ve already established a regional collaboration with two other cancer centers that are also practicing what is essentially rural medicine: the Norris Cotton Cancer Center at Dartmouth, N.H., and UMass Medical School Cancer Center. Initially meeting in Grafton, Vermont, the leadership of the three centers put together a series of funded initiatives to facilitate the establishment of programs in basic cancer biology translation investigation and clinical studies by their collective scientists and physicians.

“We took a dual approach where we encouraged people to start working together so we can show the track record,” says Verschraegen, “and on the other hand we’re basically remodeling infrastructure to make it more palatable for the researcher to do the work.”

The efforts have already seen measurable success: a total of six collaboration grants were funded. In June, a one-day symposium was held at UVM for grantees to present the progress of the first year’s projects, the basis for continuing into a second year of funding.

“The unanimous opinion of the leadership from the three cancer centers was that it exceeded everybody’s expectations,” says Stein. “The Vermont Cancer Center is playing a catalytic role in bringing the region together, and even the initial successes, I think, are a real indication that this is going to be how we operate in future. In a contracting economy, it’s the only effective way to provide optimal patient care and move science forward.”

The success of this initiative has reached other institutions; additional regional centers beyond Vermont have since contacted Stein and Verschraegen to inquire into potential collaboration.

One UVM researcher who has taken advantage of the opportunity for inter-institutional collaboration is Kim Dittus, M.D., Ph.D. Dittus received a pilot grant from the VCC to expand to Dartmouth and UMass an online behavioral weight loss program for cancer patients. Because it’s known that a inactivity and obesity can have negative impacts on cancer outcomes through higher levels of recurrence and overall mortality, Dittus, who is also a nutritionist, piloted a weight-loss intervention program for area breast cancer survivors with Professor of Nutrition Sciences Jean Harvey-Berino, Ph.D., R.D. Patients lost almost as much weight as the general population but they didn’t exercise enough. In expanding to a multi-site program with rolling entry, then, Dittus has made some modifications to enhance the exercise including using pedometers and online methods to track activity.

“Here in Vermont, I’m not going to prove the overall survival benefit of weight loss,” says Dittus. “Our population is too small. But we can look at some of those people who’ve lost weight and try to understand what’s changed. We can look for the biologically plausible mechanisms that might explain why women who are overweight are more likely to have their cancer come back.”



With cardiologist Philip Ades, M.D. and Patricia O'Brien, M.D., Dittus has now established an oncology rehabilitation program that will allow cancer survivors access to an athletic trainer for aerobic and resistance training two days a week. While the patients are gaining the benefits of regular exercise (they're encouraged to exercise on their own as well), Dittus is collecting data on physiologic functioning; strength; anxiety and depression; and two of the common lingering effects of cancer: fatigue and sleep disturbance.

"Oncology rehabilitation can serve as a platform for translational research," says Dittus, explaining that one approved study will look at the etiology behind post-therapy fatigue and shortness of breath. "You'd like people to be exercising through therapy, as much as they can. It helps with fatigue, and people feel better and have a sense of control." Her goal is to expand oncology rehab so it moves with the patient through each phase of treatment and beyond.



Karen Lounsbury, Ph.D., and Chris Francklyn, Ph.D., are an example of an intra-institutional collaboration. "One thing the VCC does a really good job with, is bringing people together and getting them to talk," says Lounsbury. The two are looking at a potential connection between angiogenesis (the growth of blood vessels), metastasis (the proliferation of cancer cells) and the inhibition of an enzyme, threonyl-tRNA synthetase (TARS) by an antibiotic, BC194 (a derivative of the naturally occurring compound borrelidin). Lounsbury's specialty is vascular biology, so Francklyn, a biochemist, invited her to collaborate to determine whether BC194 influences gene expression in cancer cells. Lounsbury's initial experiments highlighted a connection to vascular endothelial growth factor (VEGF), but an even greater surprise occurred when Lounsbury's post-doctoral fellow Tamara Williams showed that the TARS protein itself has an unexpected function, which is to promote blood vessel development. Apparently, in a bit



Above: Steven Ades, M.D. focuses his research on treatment of clots, and nausea/vomiting caused by radiation. Opposite page: Kim Dittus, M.D., Ph.D., talks to an oncology rehabilitation patient.

"WE CAN LOOK FOR THE BIOLOGICALLY PLAUSIBLE MECHANISMS THAT MIGHT EXPLAIN WHY WOMEN WHO ARE OVERWEIGHT ARE MORE LIKELY TO HAVE THEIR CANCER COME BACK."

— Kim Dittus, M.D., Ph.D., Assistant Professor of Medicine

of moonlighting, the TARS protein was promoting the ability of the endothelial cells to grow and migrate, and BC194 blocked this function. Furthermore, in looking at stained tissue slices from ovarian and prostate cancer patients, Francklyn and Lounsbury were able to see that the protein was overexpressed in the tumor environment of both cancers.

In future work, Francklyn and Lounsbury will investigate in both human patients and animal models to determine whether the TARS protein can be used as a diagnostic, measurable in the bloodstream — not unlike the currently used PSA test. Inhibitors of TARS might be potential cancer therapeutics, though Francklyn admits that's a ways off. One promising sign is the ability of borrelidin to inhibit tumor metastasis in

a mouse model of melanoma. Discovering new anti-cancer lead compounds remains a strategic goal of the VCC.

"While devising a complete cancer cure would be a huge breakthrough, many people think the more achievable goal is to make life with cancer livable, as it apparently is with HIV," says Francklyn.



It's the very question of patient quality of life that intrigues Steven Ades, M.D., whose work with Mary Cushman, M.D., and Steven Grunberg, M.D. centers on treatment of clots and nausea and vomiting in response to gastrointestinal cancer radiation, respectively.

"We want to impact patients' ability to live and thrive, not just exist," says Ades.



Top: Professor of Pharmacology Karen Lounsbery, Ph.D.; bottom: Professor of Biochemistry Christopher Francklyn, Ph.D.

“WHILE DEVISING A COMPLETE CANCER CURE WOULD BE A HUGE BREAKTHROUGH, MANY PEOPLE THINK THE MORE ACHIEVABLE GOAL IS TO MAKE LIFE WITH CANCER LIVABLE.”

— Christopher Francklyn, Ph.D., Professor of Biochemistry

Clots are a significant concern to advanced cancer patients — roughly one-fifth to one-quarter of them will develop a venous thrombosis or pulmonary embolism during treatment. There are any number of potential causes: the

thickening of the blood that’s associated with cancer, chemotherapeutic or other drugs, underlying cancers, the insertion of a catheter, or the fact that cancer patients as a group are less active than the general population. Regardless, the result is a

“WE WANT TO IMPACT PATIENTS’ ABILITY TO LIVE AND THRIVE, NOT JUST EXIST.”

— Steven Ades, M.D.,
Associate Professor of Medicine

dangerous cycle, says Ades: “Cancer begets blood clots, and clots help cancer spread.”

The standard clot treatment, blood thinners, is not optimal since it tends to result in heavy bleeding. Statins, however, have been shown in the literature to lower the risk of clots without that side effect. So Ades and his colleagues are conducting a randomized phase II crossover study that includes one month each of rosuvastatin, a placebo, and no treatment.

With Grunberg, Ades is examining a relatively new class of antiemetic drugs that target a different receptor, neurokinin 1, in patients receiving radiation therapy to the abdomen. The hope is that they’ll be able to change the current standard of care and find a drug that can safely be administered over an extended period of time during radiotherapy. Though the study opened in collaboration with the Mayo Clinic and Wake Forest School of Medicine’s comprehensive cancer center, Dartmouth and U-Mass Memorial are now also coming on board.

“These are two examples of how collaboration is really important, both within the institution and outside it,” says Ades, adding, “It’s easy to get excited about being here, because I’m around people who are passionate about what they do.”




In addition to diagnosis and treatment, the VCC provides community awareness and support. Its most prominent community event is the annual Breast Cancer Conference, held every October for the last 15 years, which is free and open to both the public and healthcare professionals.

The conference goals are to educate attendees on lifestyle choices that will prevent cancer or its recurrence; there’s also an advocacy piece for high quality breast health care in the region. In addition, the VCC collaborates with the Cancer Patient Support Program, which provides funds for patient transport, lodging, childcare, and other expenses that arise during treatment. Evening Song, a gala that has brought in more than one million dollars to date, helps fundraise for this program.

Outside the center proper, Stein and Verschraegen serve on the advisory board of Vermonters Taking Action Against Cancer, and the VCC collaborated with the American Cancer Society and a number of dermatologists to help Vermont become the second state to enact legislation banning teenagers from tanning salons. The VCC also sponsors educational outreach programs, including one for students in kindergarten through high school that uses cancer as a mechanism for teaching science. Stein and Verschraegen are engaging the community to hear what Vermonters need most from the VCC. Along with Kim Luebbers, the VCC Administrative Director, they are expanding the capabilities of the VCC, as a destination center for cancer care and a resource for cancer research locally, regionally, and internationally.

When asked about meeting the translational expectations required by the NCI Verschraegen replied, “When I came here, I realized that all the elements are in place to translate discovery to clinical practice. We are bringing all the mechanisms that we can together so that infrastructure on which we rely — whether it’s in the lab or the clinical trial arena — is really simplified and unified.”

Referring to her co-director and herself, Verschraegen says, “Our goal is to succeed and success is not *us*. We’re focused on maximizing translation of discoveries into cancer prevention, early detection, treatment, and survivorship, and we’re also proud of the integration of the region. We want everyone to understand that it’s a greater good.” 

Jeff Clarke



The midday research poster session was held in the College’s Given Courtyard.

MAKING CONNECTIONS

A key element of the Vermont Cancer Center (VCC) mission is the encouragement of collaborations and the development of effective processes to foster clinical and translational research avenues. One recent example of this was the recent free day-long Annual Clinical and Translational Science Research Symposium, titled “Exercise, Nutrition, and Cancer.”

Hosted at the Davis Auditorium in the Medical Education Center in Fletcher Allen’s Ambulatory Care Center on November 16, 2012, the symposium featured a special presentation — the J. Walter Juckett Distinguished Lecture — titled “Exercise Therapy for Cardiovascular Injury and Tumor Progression in Cancer,” which was delivered by Lee Jones, Ph.D., associate professor and scientific director of the Duke Center for Cancer Survivorship in the Department of Radiation Oncology within the Duke Cancer Institute.

Co-chaired by Susan Lakoski, M.D., UVM assistant professor of medicine and director of cardiovascular prevention, and Kim Dittus, M.D., Ph.D., assistant professor of medicine and oncologist, the symposium’s presentations focused on clinical and translational research at the VCC and other cancer research institutions with a particular emphasis on exercise, nutrition, and their overall effect on cancer risks and outcomes.

In addition to a welcome provided by VCC co-director and director of hematology/oncology Claire Verschraegen, M.D., UVM presenters at the symposium included: Michael Toth, Ph.D., associate professor of medicine; Jean Harvey-Berino, Ph.D., R.D., professor and chair of nutrition and food sciences and associate professor of medicine; Lakoski; and Dittus.

The Lake Champlain Cancer Research Organization has for many years provided support for the Juckett Lecture and the annual symposium.



Juckett Lecturer Lee Jones, Ph.D.

departments & centers

Brief reports on the activities of the basic science and clinical departments and major centers at the College of Medicine in fiscal year **2012**

DEPARTMENT OF

Anatomy and Neurobiology

Rodney L. Parsons, Ph.D., Chair

The final year of the Department of Anatomy and Neurobiology (ANNB) was a productive and exciting one. Effective August 1, 2012, ANNB merged with the Department of Neurology to create the new Department of Neurological Sciences. This union brings together basic scientists and clinicians with a common interest in neuroscience, and offers unique opportunities to enhance educational, research and clinical missions in neuroscience within the College and medical center. Rodney Parsons, Ph.D., who established the Department of Anatomy and Neurobiology in 1980, will step down as soon as the chair of the new combined department is recruited.

Over the past year, ANNB faculty continued to make significant contributions to all missions of the College. Departmental faculty remained actively engaged in medical student, undergraduate and graduate student teaching. Four ANNB faculty, Carson Cornbrooks, Ph.D., Elizabeth Ezerman, Ph.D., Jerome Fiekers, Ph.D., and Cynthia Forehand, Ph.D., served as course directors in the Foundations Level of the Vermont Integrated Curriculum. Ellen Black, Ph.D., and Jean Szilva, M.D., received awards from the medical students in recognition of their teaching skills and dedication. Many ANNB faculty, including Dr. Black, Dr. Ezerman, Dr. Forehand, Gary Mawe, Ph.D., and Margaret Vizzard, Ph.D., committed significant time to make the ECHO Lake Aquarium and Science Center exhibit "Our Body: the Universe Within" an overwhelming success. Dr. Mawe served as a spokesperson for the College of Medicine, which co-sponsored the exhibit. Faculty also supported many University-wide initiatives and served on numerous university and college governance committees. Dr. Forehand is an Associate Dean in the Graduate College, and Rae Nishi, Ph.D., continued to serve as Director of the UVM Neuroscience, Behavior and Health Spire of Excellence and the multi-college Neuroscience Graduate Program.

Departmental research includes work in autonomic and developmental neurobiology, neural regeneration and plasticity, neurotoxicology and neuro-oncology. Research activities have continued to grow over the past year, supported in part by new National



Medical student Steele Taylor '15 shows family members around the anatomy lab, where first-year medical students spend so much of their time.

Institutes of Health (NIH) research grants and a five-year National Center for Research Resources Center of Biomedical Research Excellence (COBRE) transitional Neuroscience grant. This award will support our Cell/Molecular Biology Core Facility, Imaging/Physiology Core Facility, and small pilot projects. A recently awarded \$600,000 shared instrument grant will fund the purchase of a state-of-the-art multi-

photon microscope for the COBRE Imaging/Physiology Core.

ANNB faculty remained active in professional societies, were members of journal editorial boards, served as manuscript reviewers for numerous scientific journals, were members of NIH and National Science Foundation (NSF) review committees, and participated in community outreach programs.

SELECTED HIGHLIGHTS

- ANNB faculty published in journals such as: *Developmental Neurobiology*; *Gastroenterology*; *Journal of Molecular and Cellular Cardiology*; *Nature Medicine* and *Toxicology*.
- Rae Nishi, Ph.D., became an Elected Member of the Dana Alliance for Brain Initiatives supported by the Dana Foundation. She is the first elected member from Vermont for this prestigious group of 300 prominent neuroscientists who are actively engaged in public outreach.
- Several faculty members gave presentations at international conferences. Gary Mawe, Ph.D., spoke at the Joint International Meeting of Neurogastroenterology and Motility in Bologna, Italy, in September, 2012. Victor May, Ph.D., was an Invited Speaker at the 10th International Symposium on PACAP, VIP and Related Peptides in Eilat, Israel, December 13–16, 2011.

Note: the Department of Anatomy and Neurobiology merged with the Department of Neurology to form the Department of Neurological Sciences on August 1, 2012.

DEPARTMENT OF

Anesthesiology

Howard M. Schapiro, M.D., Chair



Assistant Professor of Anesthesiology Vincent Miller, M.D., (center) working with medical students in the Clinical Simulation Laboratory.

The issue of whether early childhood exposure to general anesthetics may contribute to long-term effects such as learning disabilities has attracted attention nationwide. Department of Anesthesiology faculty members Robert Williams, M.D., and Ian Black, M.D., address this question in several current projects. In collaboration with the UVM Jeffords Center, they are investigating whether children who had spinal anesthesia for surgery as infants have similar subsequent school performance as children who did not have surgery during infancy. In another study, in collaboration with Columbia University, Dr. Williams and Dr. Black compare postoperative complication rates in infant surgery. Both of these studies are possible because of the Vermont Infant Spinal Registry, a database that was initiated at UVM in 1979 and now includes more than 2,000 subjects, making it the largest repository of data in this population.

This past year the department also began participating in the GAS study, a five-year, National Institutes of Health (NIH)-sponsored clinical trial of general versus spinal anesthesia for infant hernia repair surgery. This multicenter trial attempts to answer the outcome question

with a prospective, randomized comparison of anesthesia techniques, the results will not be available for several years.

Building on our experience with spinal anesthesia and installation of an electronic anesthesia information system in 2007, William Paganelli, M.D., Ph.D., is working on a study of the incidence of multiple anesthesia exposures in children. This project is one of two with the Multicenter Perioperative Outcomes Group, and will leverage the data contributed by more than 20 academic medical centers to examine children who undergo repeated surgeries. Dr. Paganelli is also collaborating with the University of Michigan to develop AlertWatch, an anesthesia quality and safety system that integrates real-time patient physiologic data with known risk factors and evidence-based medicine to guide clinical management of patients during surgery.

Vincent Miller, M.D., continues his work at the Clinical Simulation Laboratory, where he is teaching medical students and residents. He leads several simulation-based research studies including one using a mannequin to teach intubation skills and airway management to third-year medical students.

SELECTED HIGHLIGHTS

- Three faculty members are serving in national leadership positions for clinical care, research and teaching. Donald Mathews, M.D., was recently asked to serve on the board of directors of the Society for Ambulatory Anesthesia. Patrick Bender, M.D., chairs the Ultrasound Committee of the Society for Critical Care Medicine, and Francisco Grinberg, M.D., is a member of the Board of Directors of the American Society of Anesthesiologists.
- Department of Anesthesiology faculty members published research in *Anesthesiology*; *Anesthesia and Analgesia*; and *Practical Pain Management*.
- Robert Williams, M.D., is a co-investigator with researchers at Columbia University Medical Center on the \$75,000 Carl Koller Memorial Research Grant from the American Society of Regional Anesthesia and Pain Medicine to compare perioperative safety between regional and general anesthesia for surgery in infants.

DEPARTMENT OF

Biochemistry

Gary Stein, Ph.D., Chair*

In 2012, the Department of Biochemistry has made valued contributions in biomedical research, education and service. The faculty embraces a culture of transdisciplinary collaboration in undergraduate, graduate and medical teaching. For research, the Department uses team approaches that combine biochemical, molecular, cellular, in vivo genetic, genomic, proteomic and bioinformatic strategies. Emphasis is on pursuit of regulatory mechanisms in the context of applications through translation to resolution of clinically relevant problems.

After seven years of dedicated service by Paula Tracy, Ph.D., as interim chair, Gary Stein, Ph.D., has joined UVM to chair the department

and co-direct the Vermont Cancer Center. Joining Dr. Stein are several well-credentialed faculty and long-standing collaborators, Janet Stein, Ph.D., Jane Lian, Ph.D., Kaleem Zaidi, Ph.D., Jonathan Gordon, Ph.D., Prachi Ghule, Ph.D., and Shirwin Pockwinse. Dr. Tracy accepted a leadership position as Foundations Director for Medical Education. Chris Francklyn, Ph.D., Stephen Everse, Ph.D., and Dr. Janet Stein contributed to the implementation of the MCV program.

Biochemistry faculty, students and fellows are prominently engaged in Vermont Cancer Center initiatives. Extramural grant recipients include Scott Morrical, Ph.D., as a participant in the Project on DNA Repair headed by Susan

Wallace, Ph.D. The research team consisting of Dr. Janet Stein, Dr. Lian, Dr. Zaidi, Dr. Ghule, Dr. Gordon and Dr. Stein, received two program project grants to investigate breast cancer, prostate cancer and leukemia. They also received a \$2.1 million grant from Pfizer to experimentally define "epigenetic signatures" for diagnostic and therapeutic detection and treatment of breast cancer. Dr. Francklyn is collaborating with Karen Lounsbury, Ph.D., Professor of Pharmacology, on a project to establish a novel dimension to angiogenic regulatory mechanisms that are developed for targets for prostate cancer. Kathleen Brummel-Ziedins, Ph.D., is working with Chris Holmes, M.D., Ph.D., in Medical Oncology to pursue novel parameters of coagulation that are linked to cancer and treating tumors. Dr. Francklyn, Dr. Lian and Dr. Gary Stein play a prominent role in a cancer biology course that will be offered in the spring 2013 semester. The Department is involved with the development of a new translational research laboratory that will focus on establishing partnerships between scientists and physician/investigators to pursue regulatory mechanisms that are consequential for cancer prevention, early detection, treatment and survivorship.



Assistant Professor of Biochemistry Beth Bouchard, Ph.D.'96 in her laboratory in the Given Building.

SELECTED HIGHLIGHTS

- Professor Paula Tracy, Ph.D., who served as interim chair for the past seven years, became the director of the Foundations level in the Vermont Integrated Curriculum.
- Faculty published in such journals as *Proceedings of the National Academy of Science USA*; *Biochemistry*; *Annals of Biochemistry*; *Arteriosclerosis, Thrombosis, and Vascular Biology*; and *Haemophilia*.
- Study section service by faculty included Professor Christopher Francklyn, Ph.D., on the NIH Special Emphasis Panel on Genes, Genomes, and Genetics Integrated Review.

* Paula Tracy served as interim chair of the department through June 30, 2012.

DEPARTMENT OF

Family Medicine

Thomas C. Peterson, M.D., Chair

Over the past year the Department of Family Medicine has welcomed new faculty, celebrated retiring faculty and seen success in clinical practice and research. New faculty members include Diana Barnard, M.D., Sahmon Fallahian, M.D., and Aaron Reiter, M.D., who bring expertise in palliative care, office procedures, and wilderness medicine. Faculty with new roles includes Ursula McVeigh, M.D., as Director of Palliative Care, Tim Lishnak, M.D., as the Director of Milton Family Practice, and Thomas Peterson, M.D., as the institutional leader for Transforming Primary Care, a program of the federal Agency for Healthcare Research and Quality.

Faculty retirements include Allan Ramsay, M.D., as Professor Emeritus, Berta Geller, Ed.D., as Research Professor Emeritus, Brian Flynn, Sc.D., as Research Professor Emeritus, and John Ferguson, M.D., as Associate Professor Emeritus. The Department appreciates that all four continue to provide professional expertise post-retirement. Four newly promoted faculty

members include David Little, M.D., to Professor, Martha Seagrave, PA-C, to Assistant Professor, Charlotte Reback, M.D., to Associate Professor, and Alicia Jacobs, M.D., to Associate Professor.

With approximately 114,000 patient care visits in the past year, in addition to our inpatient and palliative care services, the department has had a successful year in clinical practice. All five continuity practices — Milton, Berlin, Hinesburg, South Burlington, and Colchester — have achieved National Committee for Quality Assurance (NCQA) Level III recognition as patient-centered medical homes. The practices are participating in a Transforming Primary Care effort aligning and optimizing all family medicine, pediatrics and general internal medicine clinics to ensure patient satisfaction and reliability. A new building planned for Hinesburg Family Health promises to be both environmentally responsible and good for patients.

In medical education, the expanded clerkship in association with our TOPMed grant has been well-received and has led to an

enhanced primary care learning experience. The department is excited that 14 Class of 2012 medical students went on to Family Medicine residency last year.

Our residency program has record applicant numbers and an outstanding class of new residents. Residents continue to be attracted to Vermont because of our educational programs and the environment for health care reform. Five of our six graduating residents elected to work in Vermont.

Continuing medical education efforts include the 36th annual Family Medicine Review Course, the 11th annual Cultural Awareness Workshop, our biannual Sports Medicine Conference, regional CME and academic detailing presentations, and participation in the annual Bridging the Divide collaborative care conference.

SELECTED HIGHLIGHTS

- Several Family Medicine faculty members garnered awards and honors over the past year. Dr. McVeigh received a Frymoyer Scholarship; Clara Keegan, M.D., received the Faculty Teacher of the Year Award, and the Continuing Medical Education Educator of the Year Award from the UVM Medical Education Group went to Allyson Bolduc, M.D. Emeritus faculty member John Saia, M.D., received the Vermont Family Physician of the Year.
- Department scholarship includes projects in breast and ovarian cancer screening, collaborative care for chronic conditions, office asthma care, shared medical decision-making and prevention of professional fatigue and burnout. Faculty members are involved in a comprehensive Vermont Children's Health Improvement Project focusing on teen topics such as reproductive health, suicide prevention, prescription drug abuse, and patient-centered medical home usage.
- The Office of Health Promotion Research formally merged with the department. This productive research unit will add to the department mission and advance the health of Vermonters. The department and the Center for Clinical and Translational Science (CCTS) are searching for additional tenure track faculty in health services research.

DEPARTMENT OF

Medicine

Polly E. Parsons, M.D., E.L. Amidon, M.D.'32 Chair



Internal Medicine resident Aaron Helminski, M.D.'10 on the floor at Fletcher Allen Health Care. The Internal Medicine residency program underwent a major redesign in 2012.

The Department of Medicine is committed to excellence in all of the areas that define our mission: research, clinical care, education and service. This past year we welcomed not only new residents, postdoctoral fellows, graduate students, and staff but new faculty in Dermatology, Hematology-Oncology, Infectious Disease, Nephrology, Primary Care Internal Medicine, Pulmonary/Critical Care Medicine and Rheumatology.

Education is a core mission for the Department of Medicine. More than 100 trainees, including house officers, chief medical residents, undergraduate students, graduate students and post-doctoral fellows (M.D. and Ph.D.), are actively engaged in research, education and clinical care. This year the entire department contributed to the major redesign of the internal medicine residency program.

The faculty garnered a number of awards. William Hopkins, M.D., received the Foundations

Course Director Award (for the sixth consecutive year), and the AMSA Golden Apple Award from the Class of 2014. The course that he directed, Cardiovascular, Respiratory & Renal System, won the Outstanding Foundations Course for the sixth time. Laurie Leclair, M.D., Patricia King, M.D., and Marie Sandoval, M.D., have been named 2012–13 Frymoyer Scholars. The Medicine Housestaff Award for Outstanding Teacher of the Year, Subspecialty Medicine, went to Joseph Winget, M.D., and Mark Pasanen, M.D., garnered the Outstanding Teacher of the Year, General Internal Medicine Award. The UVM Medical Group selected Alan Rubin, M.D., as the Graduate Medical Education Teacher of the Year.

The department is a leader in research. Despite the challenges facing our national economy and the National Institutes of Health (NIH) budget, the department's research funding continues to be strong. Generous donations this year include a fund for cancer

research and an award from Tom and Mary Evslin to support research in atrial fibrillation by Peter Spector, M.D. The department also established a formal program for bridge funding and a new internal grant award program for translational research.

Department members published more 300 manuscripts, reviews, chapters, and books. Faculty members continue to receive recognition for their scholarly contributions by being asked to serve on NIH study sections and advisory councils, FDA review panels, and editorial boards. They are invited to present at scientific meetings around the world; they serve as visiting professors and are elected to leadership positions in national societies.

SELECTED HIGHLIGHTS

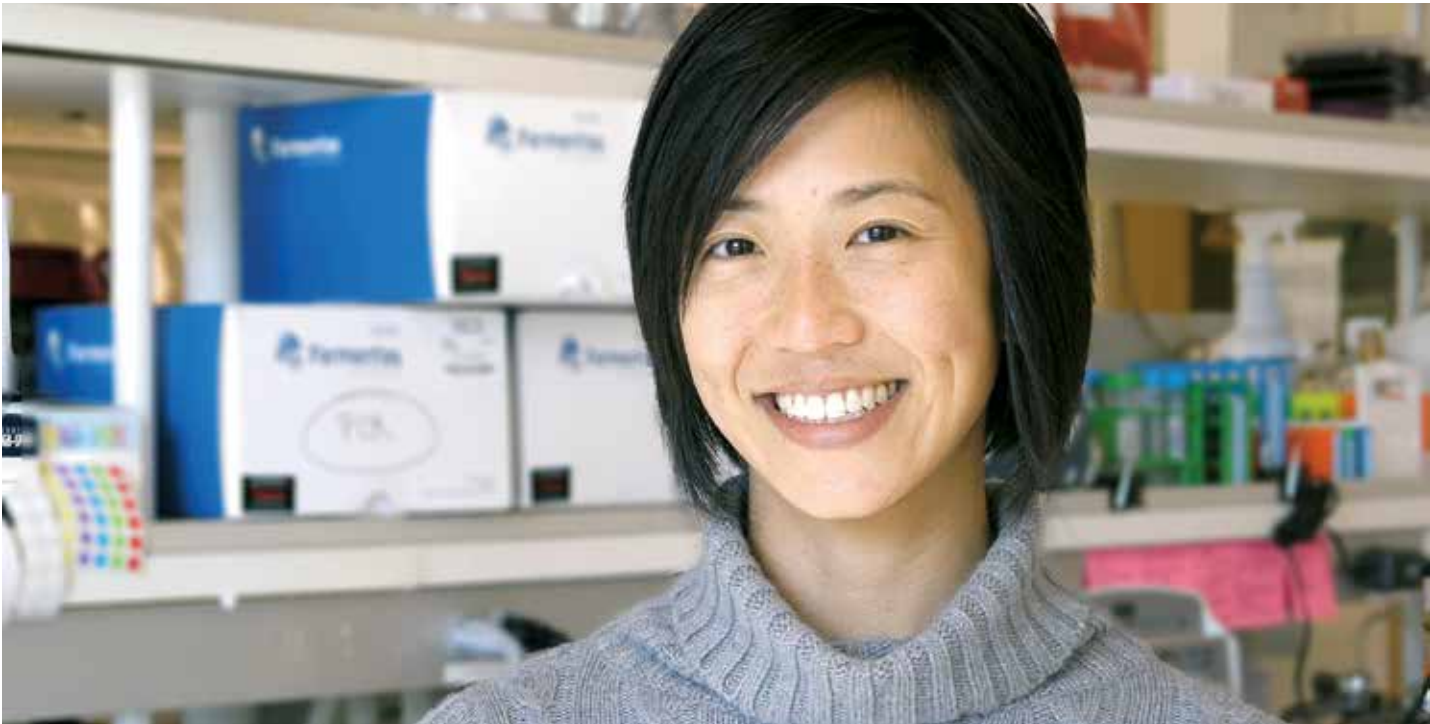
- *U.S. News & World Report* recognized the clinical excellence of the Department in its 2012 Top Doctors list. Steven Grunberg, M.D., and Claire Verschraegen, M.D., have been named by the publication as top doctors in the country. They are ranked among the top one percent in the nation in their specialty. Sheldon Cooper, M.D., Virginia Hood, M.D., Muriel Nathan, M.D., and Richard Solomon, M.D., were recognized as top doctors in the region. In addition, two specialty areas, Gastroenterology and Nephrology, were ranked as "High Performing."
- Several faculty members have been recognized for their leadership. Ralph Budd, M.D., was inducted into the Association of American Physicians. Dr. Hood is serving as the President of the American College of Physicians, and Mercedes Rincon, Ph.D., was named a UVM University Scholar. Chris Holmes, M.D., Ph.D., was the first recipient of the Department of Medicine Mentor Award.
- New clinical care initiatives include: development of a 24/7 attending physician service for the Medical Intensive Care Unit; commitment of an Infectious Disease attending to the ICU; establishment of the a transcatheter aortic valve implantation program in Cardiology; and expansion of the cancer multidisciplinary clinics with the addition of a genitourinary multidisciplinary clinic.



Assistant Professor of Family Medicine Karen Sokol, M.D.'03 pays a home visit in Milton, Vt., accompanied by medical student Melissa Romero '13.

Microbiology and Molecular Genetics

Susan S. Wallace, Ph.D., Chair



Assistant Professor of Microbiology and Molecular Genetics Aimee Shen, Ph.D., was named to the prestigious list of Pew Scholars this year.

The Department of Microbiology and Molecular Genetics (MMG) and its 17 faculty members play important roles in the research and educational missions of the College and the University. The department has 24 doctoral students, teaches medical students

SELECTED HIGHLIGHTS

- Faculty members serve on 18 editorial boards including prestigious journals such as *Structure*, *PLoS Biology*, *Journal of Biological Chemistry*, *DNA Repair* and *Eukaryotic Cell*.
- Over the past year, faculty members have given 41 presentations at national and international meetings and at universities all over the world.
- Gary Ward, Ph.D., was elected to the Vermont Academy of Science and Engineering.
- Aimee Shen, Ph.D., was one of twenty-two young scientists nationwide to be chosen as a Pew Scholar.

in the Vermont Integrated Curriculum and offers two undergraduate degrees, one in Microbiology and the other in Molecular Genetics.

The department has three principal research foci, Microbiology and Microbial Pathogenesis, Protein-Nucleic Acid Transactions, and Bioinformatics. A small but growing number of faculty members in the department are bioinformaticists; their work interfaces with and supports the research of bench scientists in the department and the College. We welcome a new bioinformaticist to the department, Dawei Li, Ph.D., who hails from Yale University and is a Neuroscience Spire hire. The MMG faculty members whose research focuses on microbiology collaborate with adjunct MMG faculty from Infectious Diseases and Animal Sciences. These faculty members also work together in the Immunology and Infectious Disease Center of Biomedical Research Excellence Program (COBRE). The faculty whose research focuses on proteins and nucleic acids interact with adjunct MMG faculty from biochemistry and are part of a National Cancer Institute-funded Program Project.

This year MMG faculty members have published 63 papers in high profile journals including several in *PLoS*, the *Proceedings of the National Academy of Sciences*, *Journal of Molecular Biology*, *Molecular Microbiology*, and *Structure*. David Pederson, Ph.D., gave a symposium talk on his work on DNA repair and nucleosomes at the 4th EU/USA Conference on DNA Base Damage and Repair in Oslo, Norway. Sylvie Doublé, Ph.D., was both an invited speaker and session chair at the Federation of American Societies for Experimental Biology (FASEB) Nucleic Acid Enzymes Conference and Markus Thali, Ph.D., was co-organizer of the 6th FASEB Conference on Tetraspanins. Aimee Shen, Ph.D., was an invited speaker at the International Proteolysis Meeting. Susan Wallace, Ph.D., Department Chair, was an invited speaker at DNA Repair meetings in Prague and Norway and gave the Plenary Lecture at the Environmental Mutagen Society Annual Meeting in Seattle where she received the 2012 EMS Award for “Fundamental studies on the repair of DNA damage caused by environmental agents and for her exemplary leadership in science.”

Molecular Physiology & Biophysics

David Warshaw, Ph.D.’79, Chair

The Department of Molecular Physiology & Biophysics continues to garner international recognition and success in the areas of cardiovascular research, cell division, and protein structure and function. A major research focus is directed at understanding the molecular basis of cellular movement, whether it is processes associated with cell division or muscle contraction. By studying genetic alterations in cellular movement, special emphasis is placed on defining normal and diseased contractile function of the heart, blood vessels, and processes associated with cell division, for example chromosome segregation during mitosis. The department is considered the premier center of muscle and non-muscle cell motility research in the United States. An additional research focus is on protein molecular structure, with expertise in high resolution three-dimensional electron microscopy.

The department faculty is involved with two highly prestigious National Institutes of Health (NIH) Program Project Grants to study genetic forms of heart failure and aortic aneurysms. These multi-investigator grants serve as the foundation for collaborative efforts within the department and across institutions (Johns Hopkins, University of Massachusetts, University of Cincinnati, University of Texas — Southwestern, and University of Pennsylvania). During this fiscally challenging time, the department continues to compete effectively for limited extramural funds, with all tenure-track faculty being funded.

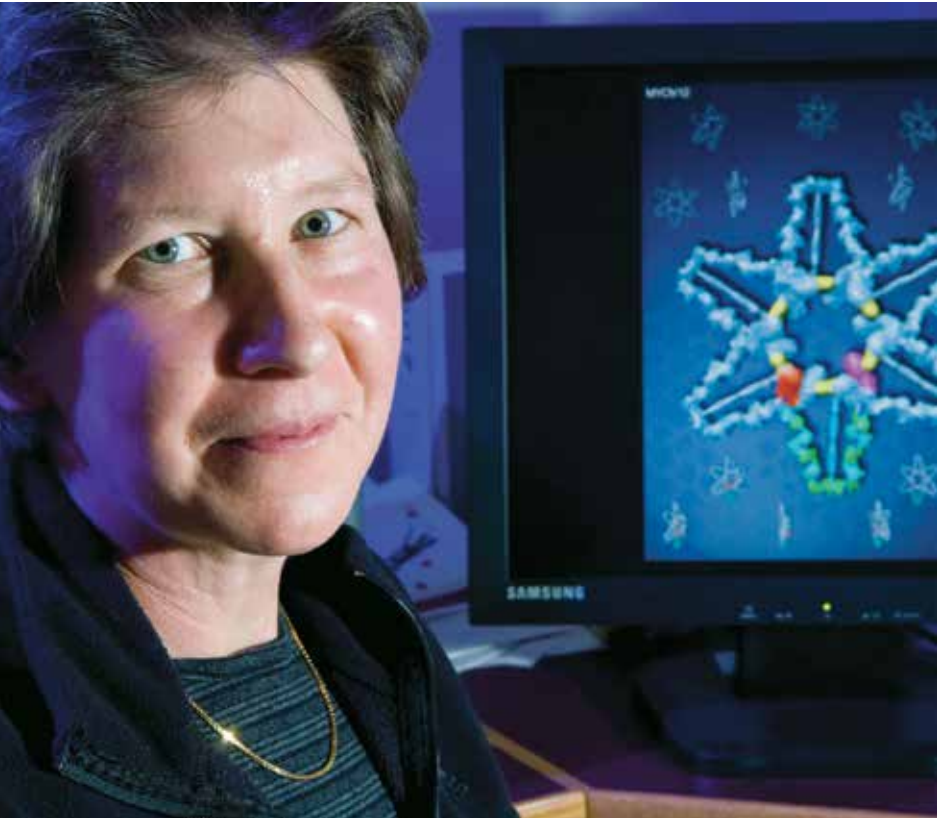
Faculty members have been honored as invited speakers at international meetings such as the Biophysical Society in San Diego, Calif. At this meeting, Kathleen Trybus, Ph.D., was a keynote speaker, Christopher Berger, Ph.D., was an invited speaker, and David Warshaw,

Ph.D., was a symposium organizer on Molecular Motors. Dr. Warshaw spoke at the Myofilament Meeting in Madison, Wisc., while Matthew Lord, Ph.D., spoke at the American Society for Cell Biology in Denver, Col. Teresa Ruiz, Ph.D., and Michael Radermacher, Ph.D., organized a workshop and taught at the Microscopical Society of America meeting in Nashville, Tenn. Faculty play key service roles on review panels for the NIH and National Science Foundation.

In education, faculty members contribute substantially to both medical and graduate programs. Dr. Berger serves as Director of Graduate Education for the College of Medicine and was instrumental in the launch of the new umbrella program in Cell, Molecular, and Biomedical Sciences. Drs. Radermacher and Ruiz once again held a “Practical Course on Three-dimensional Cryo Electron Microscopy of Single Particles” that attracted over 20 international scientists.

SELECTED HIGHLIGHTS

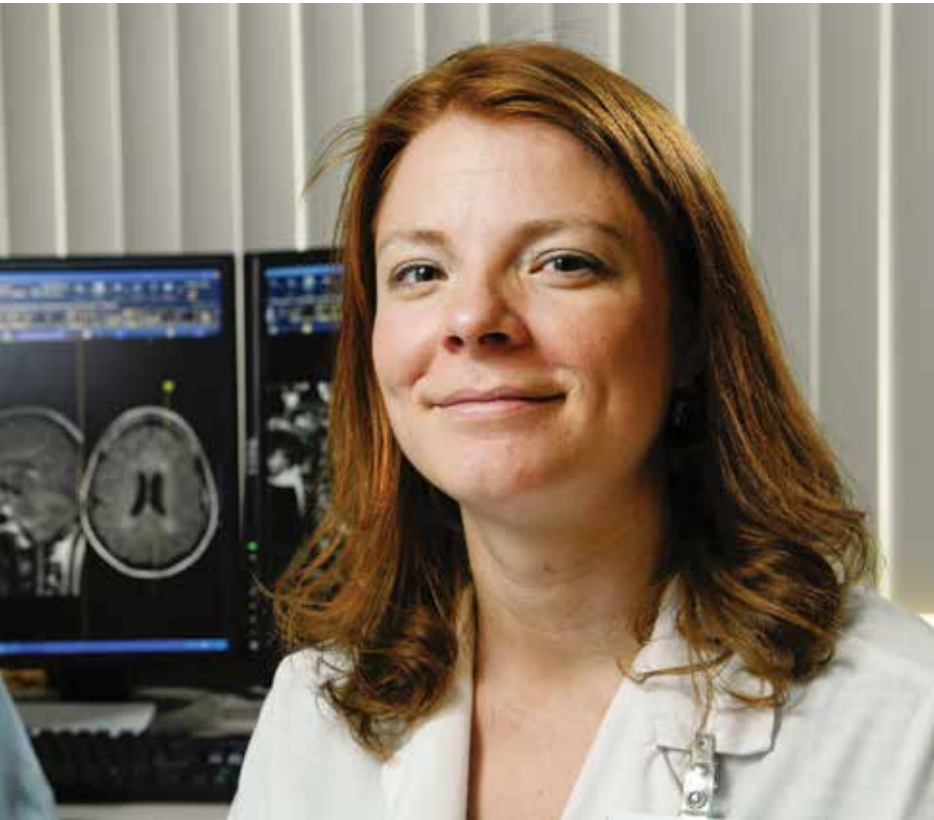
- Michael Radermacher, Ph.D., and Teresa Ruiz, Ph.D., have been recognized for their expertise in structural biology by serving as chairs for conferences and meetings. Dr. Radermacher served as chair for the 2011 Gordon Conference on Three Dimensional Electron Microscopy; Dr. Ruiz is Program Chair for the Microscopy Society’s Microscopy & Microanalysis 2013 meeting.
- Department faculty published over 30 articles in journals such as *Proceedings of the National Academy of Science*, *Journal of Cell Biology*, *Current Biology*, and *Molecular Cell*. They also served on editorial boards for several journals.
- The department’s newest faculty recruit, Jason Stumpff, Ph.D., has garnered a prestigious Leukemia and Lymphoma Society Career Development Award.



Professor of Molecular Physiology and Biophysics Kathleen Trybus, Ph.D., was a keynote speaker of the annual meeting in San Diego of the international Biophysical Society.

The Department of Neurology programs in education, research and clinical care remain productive and strong. Neurology faculty contribute substantially in teaching and mentoring throughout the Vermont Integrated Curriculum (VIC) and during the Neurology clinical core curriculum, senior selective programs and acting internships. The Neurology residency training program and post-residency

fellowship training program have successfully recruited excellent residents and fellows. Graduate and medical students, as well as UVM undergraduates, select neurology faculty as mentors in laboratories to complete their M.D./Ph.D. and Ph.D. degrees and honors projects in the undergraduate programs. Our UVM/Fletcher Allen clinical programs provide excellent neurological care. For the



Assistant Professor of Neurology Angela Applebee, M.D. delivered the Stanley F. Waterman Lecture to the Greater New England MS Society in 2012.

SELECTED HIGHLIGHTS

- Over the 2011–2012 academic year, Neurology faculty contributed 81 publications to biomedical literature.
- Members of the department were awarded 11 grants (new or yearly renewals) from the National Institutes of Health (NIH) or other funding agencies.
- Faculty members received grant funding for 28 clinical trials from the NIH, Foundations and the biopharmaceutical industry.
- Five faculty are members of NIH study sections or research review panels for major organizations or foundations and six faculty serve on the editorial board of 17 journals.

second consecutive year, a national survey identified Neurology as a top clinical specialty service, and we rank as “High Performing,” indicating that our performance was competitive with nationally ranked “Best Hospitals.” In addition, our stroke program is recognized as a Joint Commission on the Accreditation of Healthcare Organizations (JCAHO) and American Heart Association (AHA) approved Stroke Center. The program in Functional Neuroscience (Deep Brain Stimulation) has continued to grow, bringing leading edge technologies to patients. The Clinical Trials program remains very strong, bringing important new therapies to patients in our region.

Scholarship remains a high priority of the faculty. Highlights include: Peter Bingham, M.D., received a Fulbright Scholar Award for 2012–2013. He will collaborate with the Pediatric Neurology department at Yerevan State University in Armenia to develop an educational outreach program, including a novel ‘docu-drama’ to improve the delivery of subspecialty child neurology services.

Margaret Vizzard, Ph.D., received the prestigious University Scholar Award from UVM. Her more than 100 publications have improved understanding of fundamental mechanisms by which the nervous system responds to injury and inflammation; the knowledge gained has relevance to a number of human diseases and disorders.

Robert Shapiro, M.D., Ph.D., delivered the Harold G. Wolff Lecture Award at the annual meeting of the American Headache Society. This is internationally recognized as the highest award in the field of Headache Medicine.

Angela Applebee, M.D., was honored as the Stanley F. Waterman Lecturer (Greater New England MS Chapter meeting).

In summary, the strengths of the neurology faculty permit major contributions to education, research and patient care, fulfilling the core mission of an Academic Medical Center.

Note: the Department of Neurology merged with the Department of Anatomy and Neurobiology to form the Department of Neurological Sciences on August 1, 2012.



Sara Buhmaid, M.D., a resident in the Department of Obstetrics, Gynecology and Reproductive Sciences, practices a procedure in the Clinical Simulation Laboratory.

The Department has had a year of transition with several changes in leadership. After over 10 years as department chair, Mark Phillippe, M.D., MHCM, has stepped down to return to a faculty role. Ira Bernstein, M.D.’82, has replaced him as the John Van Sicklen Maeck Professor and Chair. Dr. Bernstein has retained his role as Senior Associate Dean for Research at the College of Medicine. Elisabeth Wegner, M.D., from the department’s Generalist Division, replaces Christine Murray, M.D., as the residency program director. Elise Everett, M.D., a new member of the department’s Division of Gynecologic Oncology, is now the medical student clerkship director, replacing the retiring Robert Hayward, M.D.

The department remains one of seven National Institutes of Health (NIH)-supported sites conducting collaborative clinical research into problems associated with infertility and reproductive endocrinology. This research is under the direction of Peter Casson, M.D., who is the UVM site principal investigator.

The department also hosts one of 17 National Institutes of Health-supported Women’s Reproductive Health Research (WRHR) training grants. This grant supports the training of young obstetrician gynecologists in the conduct of both laboratory and clinical science. George Osol, Ph.D., and Elizabeth Bonney, M.D., lead this effort. We have three WRHR scholars, Brian Nielsen, M.D., Renu Raj, M.D., and Stephanie Mann, M.D. Invited international scientific presentations were given by Drs. Bonney and Osol.

The division of Gynecologic Oncology has been a major user and educator in robotic assisted surgery at Fletcher Allen Health Care, with over 197 robotic assisted laparoscopic cases completed this past year. Multiple department members have served on study sections for the NIH and other research funding organizations including the Gates Foundation: Global Alliance for Preventing Preterm Birth and Stillbirth. These include Drs. Casson, Bonney, Osol, Bernstein and Stephen Brown, M.D.

SELECTED HIGHLIGHTS

- Cheung Wong, M.D., director of Gynecologic Oncology, and Associate Dean for Continuing Medical Education, served as the Continuing Medical Education representative to the American Congress of Obstetricians and Gynecologists (ACOG) District I Advisory Council. Ira Bernstein, M.D., served on the ACOG Task Force on Hypertension in Pregnancy.
- New faculty include Kelley McLean, M.D., who joins the Maternal Fetal Medicine Division having just completed her fellowship at Fletcher Allen Health Care, and Zaher Mehri, M.D., who joins the Reproductive Endocrinology and Infertility Division after relocating from New York City. Dr. Kevin Marques, M.D., joins the Generalist Division as a hospital specialist.
- Ira Bernstein, M.D., Elizabeth Bonney, M.D., George Osol, Ph.D., and Natalia Gokina, Ph.D. held National Institutes of Health grants.

* Mark Phillippe, M.D., held the Maeck Chair through June 30, 2012.

Orthopaedics and Rehabilitation

Claude E. Nichols, M.D., Chair

The department's research efforts continue to thrive under the leadership of Bruce D. Beynnon, Ph.D. Dr. Beynnon continues his National Institutes of Health funded work on identifying risk factors associated with injuries to the anterior cruciate ligament (ACL). Dr. Beynnon and James Slauterbeck, M.D., are attempting to demystify the possible causes for ACL injury by examining joint geometry, hormonal changes, and dynamic etiologies for this multifactorial problem. Maria Roemhildt, Ph.D., is using a novel *in vivo* rat model to characterize the macro-, micro-, and genetic changes in articular cartilage exposed to supraphysiologic loads.

The faculty in the Department of Orthopaedics and Rehabilitation has long been acknowledged for its clinical activities. This year is no different. The clinical facilities at the Orthopaedic Specialty Center in South Burlington were expanded to accommodate increasing demands for musculoskeletal care. Significant changes to the Physiatry section, under the medical directorship of Roger Knakel, M.D., will enhance that group's ability to care for their patient population. Resident education has been the department's educational focus. New guidelines from the Accreditation Council for Graduate Medical Education (ACGME) and Residency Review Committee have allowed radical changes to be instituted in the residents'

SELECTED HIGHLIGHTS

- Faculty published research in journals such as *American Journal of Sports Medicine*, *Journal of Orthopaedic Research*, *European Spine Journal*, *Journal of Biomechanics* and the *Journal of Bone and Joint Surgery*.
- Faculty members serve on many national associations, editorial boards and study sections, including the International Federation of Pediatric Orthopaedic Societies, the National Institutes of Health (NIH) Special Emphasis Panel, the American Orthopaedic Society for Sports Medicine Research Committee, and the American Academy of Orthopaedic Surgeons Trauma Program Subcommittee.

PGY1 year. S. Elizabeth Ames, M.D., the Program Director, has developed a novel curriculum for the first year residents that will enable them to meet the challenges of the future. The year includes didactics on professionalism, ethics, basic science, and fundamentals of research, as well as an increased exposure to orthopaedics. We look forward to assessing the merits of these changes.

The department is participating in healthcare reform at local, state and national levels. Adam Shafritz, M.D., serves as president of the Vermont State Orthopaedic Society and

serves on the Health Care Professional Technical Advisory Group to the Green Mountain Care Board to aid in their efforts towards healthcare reform in Vermont. David Halsey, M.D., chairs the Health Policy and Practice Committee of the American Association of Hip and Knee Surgeons and sits on the same committee for the American Academy of Orthopaedic Surgeons.

As the clinical arena, medical student education, resident education, and healthcare politics evolve, the Department of Orthopaedics and Rehabilitation continues to move ahead with the times.



Assistant Professor of Orthopaedics and Rehabilitation Nathan Endres, M.D., demonstrates casting techniques to medical students.

Raj Chawla, UVM Med Photo

Pathology and Laboratory Medicine

Ronald J. Bryant, M.D., Interim Chair*



Emeritus Professor of Pathology Roy Korson, M.D., (center) and his wife, Lorraine, established a Green and Gold Professorship in the department during 2012. He is joined here by colleagues (left to right) William Pendelbury, M.D.'76, John Lunde, M.D., Sharon Mount, M.D., Bruce MacPherson, M.D.'67, and Nicholas Hardin, M.D.

Members of the Department of Pathology have gained international recognition for our effort in basic, translational, and clinical research. Areas of investigation cover the interaction of environmental agents on cell signaling pathways that contribute to inflammation in lung, asthma, pulmonary fibrosis, mesothelioma, breast cancer, thrombosis, and cardiovascular disease. The Experimental Pathology Laboratory participated in over 25 projects this past year involving pathology faculty, residents, medical students, and non-clinical, non-pathology faculty. Faculty members are widely published and have presented and collaborated nationally and internationally. They serve on National Institutes of Health (NIH) and foundation grant review panels, editorial boards for peer-reviewed journals, and national committees. Faculty members are involved in the Vermont Lung Center and the Vermont Cancer Center, and serve on a variety of College of Medicine and University committees.

The Department offers a Master's Degree in Pathology and a Ph.D. Degree through the Cellular, Molecular and Biomedical Sciences Graduate Program. Several undergraduates,

graduate students, and fellows have won awards and fellowships to support research and travel to scientific meetings. Our highly competitive clinical training programs include 16 residents and three fellows. Faculty members are involved in the Vermont Integrated Curriculum (VIC) at all levels. This past year pathology faculty members were nominated 24 times for teaching awards. We have developed an international exchange program with medical schools in Japan, with plans to expand to Africa.

The department faculty directed and provided in excess of 2.8 million laboratory tests, including evaluation of over 90,000 tissue specimens, for Fletcher Allen Health Care and referral clients. We have implemented a number of initiatives to improve patient care. Immunohistochemical stains are now done twice a day. This reduces the time to evaluate complicated diagnostic biopsies and allows clinicians to begin treatment plans earlier. Establishment of a more specific human papilloma virus assay has resulted in an approximately 10 percent reduction in patients referred to colposcopy based on the HPV assay with no loss of sensitivity. In collaboration with other hospital members

we have established universal screening for Lynch syndrome and improved morning handling of blood specimens.

SELECTED HIGHLIGHTS

- The Department welcomes two new faculty members: Dr. Maryam Zenali, M.D., in GI Pathology and Christi Wojewoda, M.D., in Microbiology.
- Faculty members have published research in journals such as *Molecular Cell Biology*, *American Journal of Pathology*, *Journal of Cellular and Molecular Medicine*, *American Journal of Physiology Lung*, *Cellular and Molecular Physiology* and *New England Journal of Medicine*.
- Department members have received grant awards from funding agencies including the National Institute of Environmental Health Sciences, the National Cancer Institute, the National Heart, Lung and Blood Institute, and the American Thoracic Society.

Note: in October 2102 it was announced that Debra G.B. Leonard, M.D., will become Chair of Pathology effective April 2013.

Mario Morgado



Associate Professor of Pediatrics Andrea Green, M.D., seen examining a young patient, was this year awarded the American Academy of Pediatrics national Local Hero Award for her oversight of UVM's Pediatric Immigrant Program.

The past year was a strong one for the Department of Pediatrics in achieving its academic mission. In addition to participating in all four years of our Vermont Integrated Curriculum, faculty members continued to take national leadership roles in pediatric education. The editorship of the American Academy of Pediatric's (AAP's) national journal *Pediatrics* remains in the department, where it has been for the past 38 years. The journal achieved its highest impact factor ever, making it the premier peer-reviewed pediatric journal nationally and internationally.

We continue to graduate a higher percentage of students going into pediatrics than the national average. Our Pediatric Student

Interest Group had record membership, and our residency program applications are again up another 25 percent over the prior year's record-breaking increase.

From a research perspective, we continue to receive federal, state, and foundation grants and project awards most notably in areas of health services research. Extramural funding is close to \$10 million, and most importantly, our research efforts are improving pediatric health care for children. The AAP's Pediatric Research in Office Settings under the direction of Richard (Mort) Wasserman, M.D., joins the other national and regional collaborative research networks we lead including the Vermont Oxford (Neonatal) Network (VON), the ImproveCareNow

SELECTED HIGHLIGHTS

- Faculty members earned several teaching awards from students. William Raszka, M.D., received the Foundations Award; Lewis First, M.D., was named Clinical Teacher of the Year, and Christa Zehle, M.D., garnered the Gold Humanism Award.
- The department's residency program was selected by the Federation of Pediatric Organizations as one of seven considered most innovative for its longitudinal quality improvement and advocacy project curriculum.
- Faculty and house staff presented more than 20 presentations and workshops at the annual Pediatric Academic Society (PAS) meetings and produced more than 60 publications. Faculty published research in journals such as *Pediatrics*, *Journal of Medical Ethics*, *Liver Transplantation*, and *BMC Pediatrics*.

national inflammatory bowel network, and the Vermont Child Health Improvement Program (VCHIP). VCHIP now oversees the development of similar health services research programs in 20 other states — all modeled after VCHIP. Our translational research efforts continue in metabolism, nutrition, and oncology.

We were ranked as a top children's hospital by *U.S. News & World Report* in our Gastrointestinal and Pulmonary Divisions. Paul Rosenau, M.D., Director of Quality for our department and the Vermont Children's Hospital at Fletcher Allen, helped spearhead efforts to further improve an already high quality of care with new initiatives in our nursery and inpatient settings. Stan Weinberger, M.D., is leading efforts to improve quality of care not just in our own outpatient offices but in pediatric practices throughout the state.

Faculty, residents and students continued to volunteer for community outreach activities. This year Andrea Green, M.D., was awarded the AAP's national Local Hero Award for her oversight of our Pediatric Immigrant Program. Paula Duncan, M.D., received the AAP's highest honor, the Abraham Jacobi Award for outstanding service.

The Department of Pharmacology continued to make substantial contributions to the academic mission of the College of Medicine and the University. In the area of research, the department published over 25 peer reviewed articles in top biomedical journals including *Science*, *Proceedings of the National Academy of Sciences*, and *Structure*. Departmental research was cited in other publications nearly 3,000 times in 2012.

Our faculty members have been honored over twenty times as keynote and invited speakers at universities and prestigious international meetings around the world. Extramural support remained strong, with funding from the National Institutes of Health (NIH), American Heart Association, foundations, and industries. Faculty members were active participants in several NIH training grants for graduate and postdoctoral trainees. The department continued to receive support from the Totman Medical Research Trust for an interdepartmental research effort to understand cerebrovascular function and disease.

Mark Nelson, Ph.D., will co-lead a research effort by UVM investigators and colleagues from France, Germany, Massachusetts, and Iowa that will focus on small vessel disease of the brain,

funded by a new five-year, \$6 million grant from the Fondation Leducq Transatlantic Networks of Excellence Program. The team's research will focus on uncovering details regarding the mechanisms that cause cerebral small vessel disease of the brain, a condition that accounts for roughly 25 to 30 percent of ischemic strokes, is a leading cause of cognitive decline and disability and is linked to high blood pressure.

The minor in Pharmacology for undergraduates continues to grow, with nine students graduating in May 2012 and 21 current students. Faculty members have taught in virtually all courses in the Foundations level of the Vermont Integrated Curriculum, as well as a Medical Summer Pharmacology course. This effort included one-on-one mentoring

in research laboratories, didactic lectures in Molecular and Cellular Pharmacology, Toxicology, Principles of Drug Discovery, Cancer Biology, Cell and Molecular Biology and Introduction to Pharmacology.

Pharmacology faculty members serve on a number of important committees. Frances Carr, Ph.D., is chair of the Faculty Standards Committee; Alan Howe, Ph.D., is a member of the Protocol Review Committee for the Vermont Cancer Center, and Anthony Morielli, Ph.D., is chair of the Admissions Committee for the Neuroscience Graduate Program. Faculty members also continue to play key service roles on a number of grant review committees for the NIH and the American Heart Association.

SELECTED HIGHLIGHTS

- Mark Nelson, Ph.D., as Keynote Speaker gave a lecture on "The Consequences of Calcium Signaling in the Neurovascular Unit in Health and Disease" at the Federation of American Societies for Experimental Biology (FASEB) Smooth Muscle Conference in Snowmass, CO.
- George Wellman, Ph.D., as Keynote Speaker gave a lecture on "Impact of subarachnoid hemorrhage on parenchymal arterioles and neurovascular coupling" at the Vasospasm Satellite Meeting, STROKE 2012 (annual meeting of Japan Stroke Society), Fukuoka, Japan.
- Alan Howe, Ph.D., was appointed a full member of the Cell Structure & Metastasis Peer Review Group of the American Cancer Society.



Professor of Pharmacology Frances Carr, Ph.D., (seated, with research associate colleague Ela Zakrzewska) is chair of the University's Faculty Standards Committee.

Psychiatry

Robert Pierattini, M.D., Chair

Faculty members in the Department of Psychiatry continue to publish leading-edge research as well as contribute to the clinical and educational missions of the College. Hugh Garavan, Ph.D., and his post-doctoral fellow Robert Whelan received international attention for their paper in *Nature Neuroscience*. The largest human brain imaging study ever conducted identified malfunctioning neural networks that predispose adolescents to drug abuse. Three other Psychiatry investigators are publishing and presenting work derived from functional imaging. Magdalena Naylor, M.D., Ph.D., has expanded her investigation of cognitive behavioral therapy in pain to look at changes in brain function when meditation is offered to people with traumatic brain injury. Alexandra Potter, Ph.D., has demonstrated that nicotine can correct for impulsivity in adolescents and young adults. Julie Dumas, Ph.D., investigates the neurochemistry and functional change responsible for cognitive changes at menopause.

Stephen Higgins, Ph.D., recognized world-wide for voucher-based treatment of cocaine addiction, is investigating the use of incentives to change other major health behaviors. Sara Heil, Ph.D., published on incentives to reduce smoking and opiate abuse in pregnant women. She was awarded another R01 to investigate methadone management of neonatal abstinence syndrome. Gail Rose, Ph.D., and John Helzer, M.D., have expanded their work to show that intervening with an automated telephone interaction can influence health behaviors, including abstinence from alcohol.

James Hudziak, M.D., will direct the Vermont site for a recently-awarded National Institutes of Health (NIH) grant to study risk and resilience in maltreated children. Isabel Norian, M.D., was appointed Director of Medical Student Education in Psychiatry. The Psychiatry Residency Program, under the direction of Judy Lewis, M.D., and the Child Psychiatry Fellowship Program, under the direction of David Rettew, M.D., received full accreditation after an Accreditation Council on Graduate Medical Education review this year.

Clinical service was challenged by the closure of the Vermont State Hospital, which

resulted in the loss of one-third of the high acuity psychiatry inpatient beds in the state. The inpatient psychiatry service, under the direction of Isabelle Desjardins, M.D., modified the program and staffing to accommodate a

new patient population. The psychiatry faculty, nurses and staff, and colleagues throughout the organization, continue an ongoing emergency response over one year after the closure.



Associate Professor of Psychiatry Hugh Garavan, Ph.D., (above) and post-doctoral fellow Robert Whelan, Ph.D., published the largest-ever human brain imaging study during this year.

SELECTED HIGHLIGHTS

- Several faculty members received grants for their research. John Hughes, M.D., an expert on tobacco and smoking, was awarded three new National Institutes of Health grants. Stacey Sigmon, Ph.D., has a National Institute on Drug Abuse (NIDA)-funded grant to develop smoking cessation treatments for opioid-dependent patients.
- Academic highlights included Rob Althoff, M.D., Ph.D., receiving the Junior Investigator Award from the University of Vermont Medical Group.
- Faculty published research in journals such as *Archives of Internal Medicine*, *Drug and Alcohol Dependence*, *Brain and Cognition*, *Neuropsychopharmacology* and the *American Journal on Addictions*.

Radiology

Steven P. Braff, M.D., Chair

It has been a busy and productive year for the Department of Radiology. Radiologists and residents in our department have contributed to over 50 presentations, publications and exhibits at regional and national meetings. Eight of our residents and fellows were authors on peer-reviewed publications this year, and faculty members sit on several major national committees.

We are excited about the cutting-edge clinical work in our department. Through an expanded hepatic radioembolization program, our interventional radiologists now treat cholangiocarcinoma and colon cancer metastases to the liver with promising initial results. Our breast imaging section has successfully launched three-dimensional tomosynthesis into our screening and diagnostic breast imaging practice. This new technology has the potential to find cancers not detectable

by routine mammography. We have already identified several small cancers that would otherwise not have been detected. We welcomed Dorothy Sippo, M.D., MPH, a new breast imager, who completed the first-ever combined breast imaging and informatics fellowship at Brigham and Women's Hospital. With her expertise in informatics systems and keen interest in new frontiers in breast cancer research, she will be a great asset to the institution.

With healthcare system reform, radiology as a specialty faces new challenges. Successful radiology groups will provide added value to the healthcare delivery system in new ways, through subspecialty expertise, leadership in quality and patient safety initiatives, and multidisciplinary collaboration to provide integrated solutions to patient care problems. Our department is already ahead of the curve, and we look forward to the future.

SELECTED HIGHLIGHTS

- Radiology faculty members published research in the *American Journal of Roentgenology*, *Journal of the American College of Radiology*, *RadioGraphics*, *Cardiovascular Imaging*, *Neuroradiology*, *Journal of Neuroimaging*, and *Pediatric Radiology*.
- Department members presented research at the 2012 Annual Meeting of the Society of Nuclear Medicine in Miami, FL.
- Sally Herschorn, M.D., is one of the investigators on the PROSPR (Population-based Research Optimizing Screening through Personalized Regimens) grant: Reducing Overtreatment Due to Screening: Identifying Markers of DCIS Progression: Grant from National Cancer Institute/National Institutes of Health (NIH)/Department of Health and Human Services (DHHS)



Associate Professor of Radiology James Wallace, M.D.'88 reviews an intensity-modulated radiation therapy plan with lead dosimetrist Daphne Hard, C.M.D.

Surgery

Marion Everett Couch, M.D., Ph.D., M.B.A., Interim Chair



Professor of Surgery Bruce Leavitt, M.D.'81 (at left) performs surgery while medical student Haddon Pantel '13 observes.

The Department of Surgery had an outstanding year as we demonstrated continued excellence in our mission of providing stellar education, research, innovation, and quality care for our patients.

Over the past year, our department grew to 96 faculty members in 15 divisions and five residency programs. Many divisions recruited outstanding new faculty members, including Mariah McNamara, M.D., Donald Leopold, M.D., Louis Merriam, M.D., Eric Sargent, M.D., Jack Ellis, M.D., Houman Hemmati, M.D., Ph.D., Kevan Sternberg, M.D., and Jon Paul, M.D.

For the second year in a row, our department won the Departmental Award for Excellence in Teaching, voted by the graduating medical class. Peter Cataldo, M.D., was selected Alpha Omega Alpha (AOA) Faculty Member of the Year. Our Chief Resident, Dr. Vinnie Masie, won AOA Resident of the Year. John Fortune, M.D., was named Surgery Teacher of the Year.

Our research efforts were very productive. Urologist Gerry Mingin, M.D., continued with his National Institutes of Health K08 Career Development Award, and Emergency Medicine physician Kalev Freeman, M.D., PhD., continued with his Career Development K08 award on

traumatic brain injury, both with Mark Nelson, Ph.D., as their mentor. The UVM Medical Group (UVMMG) Senior Researcher of the Year award went to David Krag, M.D. Stephanie Pero, Ph.D., was awarded a Breast Cancer Research Foundation-AACR Grant for Translational Breast Cancer Research. Katarina Zvarova, M.D., Ph.D., continued her work on urinary bladder smooth muscle with her K01 award. Peter Zvara, M.D., Ph.D., led the effort to establish an institutional Tissue Bank. Brian Sprague, Ph.D., garnered numerous grants from the National Cancer Institute to study breast cancer screening. Daniel

Bertges, M.D., with colleague Muriel Nathan, M.D., won a UVMMG research grant on insulin regulation to reduce complications.

The Heart Team lead the way for innovation with Joe Schmoker, M.D., and Frank Ittleman, M.D., teaming with cardiologists Harry Dauerman, M.D., and David Schneider, M.D., to provide a minimally invasive way to treat critically ill patients with aortic stenosis (Transcatheter Aortic Valve Implantation). Also, after years of planning, the Hybrid Operating Room is under construction and will improve our ability to care for patients and train our residents.

SELECTED HIGHLIGHTS

- Several faculty members are serving in national leadership roles. Marion Couch, M.D., Ph.D., is President of the Society of the University Otolaryngologists, and Mark Plante, M.D., was sworn in as President-elect of the American Urological Association — New England Section.
- The Transplant Team with their colleagues in Nephrology won a national Bronze medal for quality outcomes in kidney transplant and a Gold medal for organ donation.
- Several faculty members assumed leadership roles at the University. Ted James, M.D., was selected as a Macy Scholar for innovation in education. Dr. James was also selected to be the UVM College of Medicine Director of the Simulation Center. Margaret Tandoh, M.D., was appointed assistant dean for diversity and inclusion at the UVM College of Medicine. Frank Ittleman, M.D., became an associate vice president for the UVM Medical Group.

Centers

Center of Biomedical Research Excellence in Neuroscience

The Center of Biomedical Research Excellence (COBRE) in Neuroscience was created in 2001 by a grant from the NIH National Center of Research Resources to enhance neuroscience research and training infrastructure at the University of Vermont. This grant supported the creation of two multi-user research cores: an Imaging/Physiology Core, which provides access to sophisticated imaging equipment dedicated to live imaging and a Cell/Molecular Core, which provides personnel and access to sophisticated equipment required to complete cellular and molecular biology experiments. The Neuroscience COBRE also created a Translational Core that facilitates interactions between clinical and basic neuroscientists and supported a summer undergraduate research program. Funds to support multi-year research projects for junior investigators were provided in the first 10 years of the award. In 2011, five additional years of NIH support for the Neuroscience COBRE Center was successfully obtained, which supports the research cores created in the first ten years of COBRE funding and supports one-year Pilot Projects in the areas of stroke and neurovascular interactions or neural regulation of autonomic nervous system development, function and disorders. A highlight of the past year is the award of a \$600,000 NIH Shared Instrument grant to purchase a second Multi-photon Microscope for the COBRE Imaging Core.

Center for Clinical and Translational Science

Clinical and Translational Science (CTS) is the body of knowledge that spans basic biology, clinical medicine and health policy. Clinical and Translational Scientists use this knowledge to develop new approaches and systems to improve human health. Studies in CTS help us translate knowledge from the cellular and molecular level into interventions for individuals and populations. It is the mission of the UVM Center for Clinical and Translational Science to provide a seamless opportunity for young professionals to be trained in clinical and translational research and to have opportunities to be supported in a fellowship to allow them to actually perform such research in conjunction with a mentor. The eventual goal is for them to write successful grants, become

independently funded and form the next generation of well-trained clinical and translational researchers. To that end, the Center for Clinical and Translational Research plans to offer a Certificate, a Master of Science and a Doctor of Philosophy degree in Clinical and Translational Science. The common curriculum for these programs will be applicable to all kinds of early and late translational as well as clinical research.

Vermont Cancer Center

The Vermont Cancer Center (VCC) is a not-for-profit comprehensive clinical and research cancer center, the only such organization in the state of Vermont. Founded in 1974, the VCC is located within the UVM College of Medicine and enjoys a clinical partnership with Fletcher Allen Health Care. The organization comprises more than 120 scientists and physicians engaged in a full range of basic, translational, clinical, and outcomes research that seeks to uncover new knowledge and understanding about cancer and the issues that affect people with the disease. The VCC is committed to innovative cancer research, life-saving prevention and treatment programs, public education and scientific collaboration, and serves to influence standards of cancer prevention, screening, diagnosis and care across Vermont and northern New York. High-quality cancer care is provided through the patient care areas at Fletcher Allen, including several multidisciplinary clinics. A central part of the VCC mission is to share with the public — as well as with other cancer providers, researchers, and health care experts — the latest information on cancer prevention and screening, diagnostics and treatment, as well as advances in clinical and laboratory research and issues of survivorship. To that end, the VCC hosts an annual Breast Cancer Conference for the public, as well as many academic lectures and professional meetings and symposia for cancer care providers and researchers.

Vermont Center for Immunology and Infectious Diseases COBRE

The focus of the Vermont Center for Immunology and Infectious Diseases (VCID) is the host response to infections. During the first five years of Phase I COBRE NIH funding, the center expanded from nine founding senior faculty to the current 23 faculty spanning eight departments

in four colleges. Faculty published 213 original research papers and secured nearly \$48 million in research dollars in 2012, not counting the COBRE funds. In July 2011 Phase II of the COBRE grant from NIH began for a second five years. This nearly \$11 million will support new junior and senior faculty, an annual retreat, students, a robust seminar series of outside nationally recognized research, and pilot grants to foster new collaborations. Some highlights of the past year include: Beth Kirkpatrick, M.D. receiving the Bailey K. Ashford Medal from the American Society of Tropical Medicine and Hygiene; Aimee Shen, Ph.D., receiving a prestigious Pew Scholars Award in the Biomedical Sciences; Matt Wargo, Ph.D. receiving a superlative 5th percentile score on the first try of his first R01 grant; and Ralph Budd, M.D., was inducted into Association of American Physicians, the national honorary society for physician-scientists.

Vermont Lung Center

The Vermont Lung Center (VLC), a Program on Lung Biology and Disease, has been in existence at the UVM College of Medicine since 1972. It has had a rich and productive past that has had a significant impact nationally. The field is an important one: Lung disease is a significant cause of mortality and especially morbidity in the U.S. While the six other leading causes of death have decreased over the last decade, all forms of lung disease continue to rise. If we are to make significant progress in combating this pressing health problem, we will need to have trained scientists and resources to study the causes and cures of lung disease. The keystone to the VLC program is translational research. The goals of the VLC are to investigate the mechanisms of lung biology and disease, and to train and retain outstanding translational scientists at UVM. Our key product is excellence. The current program centers around a 5-year award by the National Center for Research Resources (NCRR) of the NIH. The VLC is a NCRR Center of Biomedical Research Excellence (COBRE).



philanthropy 2012

FISCAL YEAR 2012 PHILANTHROPIC SUPPORT

\$7.2 million

NEW GIFTS AND PLEDGES
FY 2012

\$7.1 million

PHILANTHROPIC
CASH RECEIVED FY 2012

The College of Medicine gratefully acknowledges private support received in fiscal year 2012 (July 1, 2011–June 30, 2012). In the event that any of the information presented in this report is incomplete or inaccurate, please accept our apologies and notify the UVM Foundation Medical Development & Alumni Relations office at (802) 656-4014.

FILLING THE CRITICAL NEED

Medical schools have never been more critical to our nation and world than they are today. The need for practitioners and innovators grows ever greater while access to higher education becomes out of reach for more and more students who have the talent and skills to fill these roles. Our goal is to present access and affordability to our students. These scholars regularly deliver points of pride, and we make every effort to ensure future physicians receive the best medical education possible in preparation for a lifetime of commitment and service to those who need us most.

Investments in academic medicine can only ensure we fulfill this mission. Those who benefit from philanthropy carry a lifetime of gratitude as they further their education, build careers, and engage communities, advance medical knowledge through research, and, many times, give back themselves — meaning the return on investment is actually a multiplier of goodwill and builds an ongoing culture of giving.

During fiscal year 2012, alumni, friends, grateful community members, parents, and students gifted more than \$7.1 million to the College's efforts. Through these annual gifts, multi-year pledges and estate commitments, benefactors listed in the following pages have truly provided the resources required to sustain and build excellence. In 2012, donors chose to invest in student scholarships, professorships and chairs, influential research projects, and our facility infrastructure — all necessary in today's environment to provide a first-rate medical education.

Because of award-winning faculty, a focused and integrated curriculum, groundbreaking research, and life-changing innovations, we're able to deliver academic medicine one student at a time and none of this would be possible without you, our extraordinary partners, and your unwavering generosity. You share the College's values of access to excellence and service to others. You, too, want to make a positive difference for as many people as possible.

We know that you choose to invest in UVM because you believe in our mission. With our sincerest appreciation, we say thank you.



Shane M. Jacobson

Interim Team Leader, UVM Foundation Medical Development & Alumni Relations Office
Vice President & COO, University of Vermont Foundation

College of Medicine Ira Allen Society

The following donors have made generous contributions of \$1,000 or more to the College of Medicine during fiscal year 2012 (July 1, 2011–June 30, 2012). In fiscal year 2013, the new Ira Allen Society will recognize annual gifts of \$2,500 and lifetime giving of \$100,000 or more, with special recognition from donors of \$1 million. The College of Medicine will additionally off recognition of donors of annual gifts of \$1,000 to \$2,499.

\$500,000–\$999,999

Fletcher Allen Health Care
Lake Champlain Cancer Research Organization
H. Gordon Page, MD’45

\$100,000–\$499,999

American Chemistry Council
Laurence M. Cohan, MD’68 *
Robert * & Cynthia Hoehl
The S.D. Ireland Family
Margaret
Kim & Scott
Stephen
Lorraine & Roy Korson, MD
Richard E. & Deborah L. Tarrant Foundation
Mary C. Romney, MD
S.D. Ireland Cancer Research Fund, Inc.
Barbara Lillian Stevens *
Vermont Oxford Network, Inc.

\$50,000–\$99,999

Burton A. Cleaves
Susanne H. Goldstein &
Sumner J. Yaffe, MD’54 *
ImproveCareNow, Inc.
Helen & Robert Lerner, MD’42
Phyllis & Bruce R. MacKay, MD’57
Milbank Foundation for Rehabilitation
Totman Medical Research Foundation

\$25,000–\$49,999

Lenore Follansbee Broughton
Central Vermont Medical Center
Wendy J. Pierson Foundation for
Brain Cancer Research
Gabrielle Côté Crandall
Roger William Crandall
Mary Ellen & James C. Hebert, MD’77
Mina & Theodore Jewett
Neuroblastoma Alliance, Inc.
Burnett Rawson, MD’39
Monika & Paul C. Rutkowski, MD’63
William C. Street, MD’59 &
Lorraine Hassan-Street
Drs. Clay & Helen Wertheimer

\$10,000–\$24,999

F. Farrell Collins, Jr., MD’72
Marion Everett Couch, MD, PhD
Copley Hospital, Inc.
Luke Howe, MD’52
Stephen Scott Ehrlich, MD’85
F. Mark Jackson, MD’58
Julian J. Leavitt Family Charitable Trust
Peter Leavitt
S. Robert Leavitt
Susan Leavitt
Connie Leavitt-Perkey
Ruth Christ Karren
Michelle & Samuel B. Labow, MD
Susan Lowey, PhD
Karen & Peter Meyer
Susan Miller

Wayne E. Pasanen, MD’71 &
Susan Anton-Pasanen
Charlotte & Arthur Jason Perelman, MD’52
Susan & John Arthur Persing, MD’74
Porter Hospital
Mercedes Rincón, PhD
Alice Schwendler Trust
Marjorie & Peter Stern, MD’81
Kathryn & John P. Tampas, MD’54
Katherine Schindler Teetor
Stephen K. Urice

\$5,000–\$9,999

Aline & Richard H. Bailey, MD’55
Bertrand P. Bisson, MD’53
Brattleboro Memorial Hospital
Lillian Colodny
Paula & Phillip Harland Deos, MD’73
Rhona & Frank S. Ehrlich
Francis & Edith Hendricks Foundation
Suzanne Farrow Graves, MD’89
John Henry Healey, MD’78 &
Paula Olsiewski, PhD
Walter L. Hogan, Jr., MD’55
Richard Nicholas Hubbell, MD’80 &
Rosemary L. Dale, EdD
A. Rees Midgley, MD’58 & Jane Wilson Coon
Mt. Ascutney Hospital & Health Center
Thuan T. Nguyen, MD’02
Joan E. Picard, RN
Barbara & Richard B. Raynor, MD’55
Olinda & John Mayer Simon, MD
Howard D. Solomon, MD’71
Ronald Roger Striar, MD’55
V. F. W. Auxiliary Department of Vermont

\$2,500–\$4,999

Raymond Joseph Anton, MD’70 &
Wendy E. Kelly
Ruth & Phillip H. Backup, MD’46
Marlene Ann Aldo-Benson, MD’65 &
Merrill D. Benson, MD’65
Richard H. Brown, MD’84
Michael Dana Butler, MD’90
Catherine Josephine Cantwell, MD’89
Robert Alan Cheney, MD’89
Jeanne & James D. Cherry, MD’57
Cynthia & Philip L. Cohen, MD’73
Robert Doohen, MD
Felix Peter Eckenstein, PhD & Rae Nishi, PhD
Jeanne & Wilfrid L. Fortin, MD’61
Suzanne Gay Frisch, MD’85 &
Jonathan David Levine, MD’85
Archie S. Golden, MD’57
Esther & Leonard William Halling, MD’57 *
Nicholas H. Heintz, PhD’79
James Michael Jaeger, MD’87
John G. Kenerson, MD’77 &
Lisbet M. Hanson, MD’82
Reiko & Masatoshi Kida, M. D.
Barbara & Darwin Ray Kuhlmann, MD’73
Vicki & Joseph Charles Kvedar, MD’83
John H. Lyons, MD’84
Holly & Theodore Mason, MDs’95
Carol & John E. Mazuzan, Jr., MD’54

Betty Farnsworth McGill
Suzanne & Cornelius John McGinn, MD’89
Marney & John C. Mesch, MD’61
National Multiple Sclerosis Society
Ibrahim A. Omeis, MD’02
Jacqueline Panko, MD’03
Anand Parthasarathy, MD’02
Raymond David Petit, MD’87
Robert A. Pierattini, MD
Katherine Stoddard Pope, MD’85 &
Christopher M. Harte
Edward J. Quinlan, Jr., MD’57
Michael Robert Saxe, MD’82
Jan Carroll & Howard Marc Schapiro, MD’80
Tracy P. T. Tram, MD’95
Michael Dodds Upton, MD’94
Lisa & James Louis Vayda, MD’87
Vermont Academy of Family Physicians
Weill Cornell Medical College
Barbara J. White

\$1,000–\$2,499

Thomas M. Achenbach, PhD &
Leslie Altman Rescorla, PhD
John Goldthwaite Adams, Jr., MD’54
Theresa Alberghini DiPalma &
Robert S. DiPalma
William Edward Allard, Jr., MD’57
Ellen Andrews, MD’75
John R. Anton, MD’81
Andrew Jay Arison, MD’78
Ralph David Aserkoff, MD’62
Robert Wolcott Backus, MD’76
Edward Norman Bailey, MD’70
Dudley M. Baker, MD’57
Anthony R. Barri, MD’70
Steven Andrew Battaglia, MD’97
S. James Baum, MD’48
John F. Beamis, Jr., MD’70
Eugene M. Beaupre, MD’58
B. J. Beck, MD’91
Charles Jay Bernstein, MD’85
Palmer Quintard Bessey, Jr., MD’75
James M. Betts, MD’73
Christopher T. Bever, Jr., MD
Donald Skinner Bicknell, MD’61
Martin Larry Black, MD’80
Edward Andrew Blanchette, MD’74
Sanford Bloomberg, MD’57
Martin E. Bloomfield, MD’60
Ernest M. Bove, MD’81
John Thomas Bowers, III, MD’76
John Bramley, PhD & Janet Bramley, PhD
Cressey Wayne Brazier, MD’73
Charles R. Brinkman, III, MD’60
David Leigh Bronson, MD’73
Hunter Geoffrey Brumblay, MD’02
Susan Shubert Buchwald, MD’73
Stanley L. Burns, MD’55
Steven A. Burton, MD’86
S. Kent Callahan, MD’76
J. Donald Capra, MD’63
Don P. Chan, MD’76
Jane Chang, MD’99
Ralph & Carmela Cioffi



Matthew Cole
Larry Coletti, MD’57
Desire Collen
Roger S. Colton, MD’58
Elizabeth Conklin, MD’90
Stuart Donald Cook, MD’62
Michael J. Corrigan, MD’80
Lucien Joseph Côté, MD’54
James I. Couser, Jr., MD’82
Edward B. Crane, MD’47
Edward Bowen Cronin, MD’79 &
Helen Marie Crowe, MD’79
Richard Fredric Dalton
Lewis Robert Dan, MD’59
Kent & Elizabeth Dauten
Kristopher Russell Davignon, MD’99
Cheryl Luise Davis, MD’78
Steven Michael Davis, MD’80
William Anthony DeBassio, PhD’71, MD’77
J. Michael DeCenzo, MD’70
John F. Dick, II, MD’67
Helaine Wolpert Dietz, MD’82
Woolson W. Doane, MD’65
Janna Lyn Doherty, MD’96
Draeger Medical, Inc.
Robert P. Drucker
Herbert Ashley Durfee, Jr., MD’48
Ann Tompkins Dvorak, MD’63
Elizabeth Atwood Eldredge, MD’87
Martha J. Elliott
Andrew Scott Ellowitz, MD’92
EmUrgentCare, PLLC
Merrill Hugh Epstein, MD’73
Donald Thomas Evans, MD’62
Gerald L. Evans, MD’63
John N. Evans, PhD
Francesca & David Joseph Evelt, MD’93
William A. Fajman, MD’70
Fernando Fan, MD’99
Richard M. Faraci, MD’70
Monica Claire Fiorenza, MD’00
Daniel G. Fischer, MD’57
David Peter Flavin, MD’73
Edward D. Fram, MD’56
Allan Freedman, MD’77
Janice Mary Gallant, MD’89
Gallus, LLC
Richard Louis Gamelli, MD’74
Barbara Winette Gannon, MD’01
Margaret Bunce Garahan, MD’91
Allan L. Gardner, MD’65
Nanette K. Gartrell, MD &
Dee Mosbacher, MD, PhD
Dolly Gelvin *
Edward Philip Gelvin, MD’38
Rosalie G. Genovese
Barton J. Gershen, MD’57
Ira H. Gessner, MD’56
William P. Gifford, MD’77
Todd M. Gladstone, MD’68
Herbert I. Goldberg, MD’56 &
Dr. Rosalie A. Goldberg
Bonnie Gong, MD’86
Theodore Joseph Goodman, MD’55
Andrew Jackson Goodwin, IV, MD’02

Arnold Goran, MD’58
Michael Alan Gordon, MD’85
Stephen H. Greenberg, MD’68
Ira Greifer, MD’56
Martin Theodore Grune, MD’86
Josephine & Carleton R. Haines, MD’43
Gerald L. Haines, MD’44
Thomas Joseph Halligan, Jr., MD’63
Robert C. Hannon, MD’68
Daniel J. Hanson, MD’58 &
Sen. Ann Harrington Hanson
Robert Ralph Harding, MD’86
Robert Healy Harrington, Jr., MD’79
Pamela A. Harrop, MD’83
Orville Hartford, MD
A. Howland Hartley, MD’77
David W. Haskell, MD’71
Stephen Gerard Hassett, MD’99
Albert Joseph Hebert, Jr., MD’74
Herbert F. Hein, MD’64
Barbara Bittner Heublein, MD’80
Linda Hood, MD’82
Mary P. Horan, MD’84
Edward S. Horton, Jr., MD’83
Sharon Lee Hostler, MD’65
James F. Howard, Jr., MD’74
Theo & Harry Elwin Howe, MD’52
Alexander Kendall Hughes, MD’97
Marc Immerman, MD’85
Howard S. Irons, MD’57
Diane Marie Jaworski, PhD
David L. Johnson, MD
William R. K. Johnson, MD’75
Pamela Lynne Jones, MD’95
John Nicholas Julian, MD’92
Anthony J. Kazlauskas, MD’78
Robert I. Keimowitz, MD’65
Diane S. Kelly
Barbara C. Kennedy, MD
Thomas Edward Kingston, Jr., MD’85
Paul H. Kispert, MD’82
Andrew Rogers Knight, MD’76
David Korman, MD’64
Laura & Edward L. Krawitt, MD
Arthur S. Kunin, MD’52
Edward A. Kupic, MD’60
Donald H. Lambert, PhD’70, MD’78
Denise LaRue, MD’88
Laura Mann Center for Integrative Health
Renee Sokol Lefland, MD’88
Gladwyn Leiman
James F. Leland, MD’77
Philip A. Levin, MD’71
Courtland Gillett Lewis, MD’79
Jean E. Long, MD’66
Dean S. Louis, MD’62
Dave E. Lounsbury, MD’79
John Henry Lunde, MD’80
David Thornton Lyons, MD’78
Denton E. MacCarty, MD’57
Scott Jay MacDonald, MD’77
Howard H. MacDougall, MD’46
Bruce Reed MacPherson, MD’67
Donald J. MacPherson, MD’48
Mrs. Benjamin H. Maeck, MD’54
Jonathan Vinh Mai, MD’02
Delia M. Manjoney, MD’77
Neil F. Mara, MD’62
Mark R. Margiotta, MD’57
Ronald A. Marvin, MD’72
Jan H. Mashman, MD’65
Dean George Mastras, MD’89
Allen W. Mathies, Jr., MD’61
Grace & John J. McCormack, Jr., PhD
Michael & Mirjam McCormack, MD
Robert A. McCready, MD’75

John William McGill, MD’78
Wallace R. McGrew, MD’78
Edmund B. McMahon, MD’54
Richard Mason McNeer, III, MD’76
Jennifer Madison McNiff, MD’86
Robert S. McWilliam, MD’77
Ann & Philip B. Mead, MD
David P. Meeker, MD’81
Michael Alan Merriam, MD’84
Kristy & Aaron Miller
M. Jonathan Mishcon, MD’76
Charles E. Moisan, Jr., MD’61
Thomas M. Montagne, MD’87
Patrick E. Moriarty, MD’61
Tracy & Frederick C. Morin, III, MD
Donald R. Morton, MD’61
Kathryn Lucinda Moyer, MD’80
Edward R. Mulcahy, MD’63
Joel H. Mumford, MD’70
Gregory Joseph Anatol Murad, MD’01
Donald Scott Murinson, MD’72
John J. Murray, MD’63
Ronald S. Nadel, MD’63
Michael R. Narkewicz, MD’83
Judith & Marvin A. Nierenberg, MD’60
Henry S. Nigro, MD’63
Jacqueline A. Noonan, MD’54
William M. Notis, MD’72
Roger V. Ohanesian, MD’66
Edward Okun, MD’56
Stuart Oster, MD’57
Andrew D. Parent, MD’70
David & Julie Park, MDs’88
Suzanne R. Parker, MD’73
Blake M. Paterson, MD’83
Frederick Michael Perkins, MD’74
Michelle Leigh Perron, MD’94
Irving G. Peyser, MD’67
Dennis V. Pham, MD’01
Laurie E. Phelan & Dorothy A. Porter, MD
Mark I. Pitman, MD’56
Michael David Polifka, MD’78
Louis B. Polish, MD’81
Premier Coach Co. Inc.
Shirley Geraldine Price, MD’46
Sara Avery Quayle, MD’83
Darryl L. Raszl, MD’70
Mildred Ann Reardon, MD’67
Kathleen Ann Reed, MD’94
H. David Reines, MD’72
Stuart N. Rice, MD’80
Esther B. Roberts *
Myer H. Rosenthal, MD’67
Harry M. Rowe, MD’43*
Jeffrey Warren Rubman, MD’71
Milton H. Russell
Francis Roland Sacco, MD’67
Lawrence C. Schine, MD’60
Mark Alan Schmetz, MD’88
Ruth Andrea Seeler, MD’62
Gayle & Jay E. Selcow, MD’59
Robert George Sellig, MD’66
Elizabeth Anne Seward, MD’85
Argeh Shander, MD’77
Robert E. Sharkey, MD’59
James F. Shaw, MD’72
Shelburne Community School
Basketball Teams
Keith Michael Shute, MD’89
Howard J. Silberstein, MD’85
Herbert C. Sillman, MD’54
John Frank Siraco, MD’75
Felicia A. Smith, MD’00
M. Geoffrey Smith, MD, MPH’67
Norman Jay Snow, MD’70
Robert A. Sofferman, MD

Michael J. G. Somers, MD’85
George Adam Soufleris, MD’60
Thomas I. Soule, MD’70
J. Ward Stackpole, MD’56
Peg & Paul B. Stanilonis, MD’65
Jay G. Stearns, MD’74
Alan Kevin Stern, MD’91
Paul Giles Stevens, MD’55
Nelson H. Sturgis, III, MD’68
Leonard James Swinger, MD’66
Tacoma Radiation Oncology Center, Inc.
F. Todd Tamburine, MD’86
M. Eugene Tardy, Jr., MD
Christopher M. Terrien, Jr., MD’67
Jacqueline A. Tetreault, MD’85
The Whitcomb House
Tilton Medical Associates, PLLC
Thomas B. Tomasi, MD, PhD’54
Marjorie J. Topkins, MD’50
David W. Towne, MD’81
Owen Thomas Traynor, MD’93
Hollis N. Truax, MD’57
Anne Marie Valente, MD’96
Marianne Vas, MD’61
Vermont Dermatopathology
Stephen A. Vineberg *
Richard Bruce Wait, MD, PhD’78
H. Alan Walker, MD’63
Micaela & H. James Wallace, III, MD’88
William Campbell Wallace, MD’96
Cynthia Stober Warsaw
Carolyn Balcom Wasilkowski
G. Scott Waterman, MD

Brenda L. Waters, MD’77
Donald L. Weaver, MD’84
Jane E. Wilner
George Ross Winters, III, MD’93
James Kevin Wolcott, MD’85
James M. Worthington, MD’81
Warren E.A. Wulff, MD’95
Ian F. Yaffe
Melvin A. Yoselevsky, MD’64
Matthew Robert Zetumer, MD’76

Young Alum Patrons

\$250–\$999 within 10 years of graduation

Ghazaleh Zardoost Aram, MD’02
Duc Thu Do, MD’03
Teresa Ann Fama, MD’02
Gregg Daniel Fine, MD’02
Michael Gurell, MD’03
Shuriz Hishmeh, MD’04
Todd Richard Howland, MD’03
Gabrielle A. Jacquet, MD’07
William A. Kennedy, III, MD’03
Lauren Jane Massingham, MD’06
Walter E. McNally, MD’02
Grace K. Moy, MD’02
Nathan Guthrie Orgain, MD’07
Sara Margaret Pope, MD’07
Joshua Barrett Rogers, MD’02
Matthew Schreiber, MD’07
James Alfred Wallace, MD’02

* indicates deceased Wl indicates widow/widower

PROFILE IN GIVING



Lorraine Hassan-Street and William Street, M.D.’59 outside the Dana Medical Library.

Increasing Their Impact

William Street, M.D.’59 dedicated his career to anesthesiology at medical centers in Vermont and in Massachusetts. Now retired, Dr. Street and his wife, Lorraine Hassan-Street, gave great thought to a decision to support medical student scholarships at the College. “Although I have tremendous regard for my undergraduate school,” says Dr. Street, “it generates ‘captains of industry’ who eventually tend to leave enormous gifts. A medical school, on the other hand, has far fewer graduates in the first place, and as physicians they are not in a position to give like captains of industry. I thought that donations I made to my medical alma mater would have a greater impact. And I have to say, I was also attracted to the availability of matching funds.”

The Streets funded two \$100,000 scholarship endowment gifts in the past and, in 2012, added a third such gift. Each is matched dollar-for- dollar to double the impact of the Street endowment. As a result, UVM medical students will perpetually benefit from significant Street scholarships.

College of Medicine Wilbur Society

Following in the steps of James B. Wilbur, whose 1929 bequest began a fund which still helps more than 800 UVM students each year, the following individuals have provided generously for the UVM College of Medicine by establishing a deferred gift or bequest.

Philip Adler, MD'53
Jo Ann & Roger Lyman Amidon, PhD
Ellen Andrews, MD'75
Raymond Joseph Anton, MD'70 & Wendy Kelly
Carol M. Armatis, MD'87
Barbara & Robert A. Astone, MD'55
Virginia Lee Ault, MD'59
Meredith & David Babbott, MD
Cynthia Babbott, Jr, MD
Elizabeth Brigham Barrett
Pamela & John X. R. Basile, MD'53
B. J. Beck, MD'91
Lucille & Irwin W. Becker, MD'52
Linda & Anthony P. Belmont, MD'64
James M. Betts, MD'73
Patricia Wilson Bove, WI'55
Martha T. Brescia, WI'38
David Leigh Bronson, MD'73 & Kathleen S. Franco, MD'73
Toby & Alan B. Bulotsky, MD'70
Carol & Richard G. Caldwell, MD'60
Linda E. Chickering-Albano
Burton A. Cleaves
F. Farrell Collins, MD'72
Ray W. Collins, Jr., MD'38
Anne & Edward Byington Crane, MD'47
Robert B. Daigneault, MD'65
Betsy Curtis D'Angelo, WI'68
Carmen Dente, WI'41
Jean & Cleveland R. Denton, MD'48
Paula & Phillip Harland Deos, MD'73
Virginia H. Donaldson, MD'51
Herbert Ashley Durfee, Jr., MD'48
Bernice Opperman Durkin, WI'51
Donald Thomas Evans, MD'62
Joy Fagan
Stanley Samuel Fieber, MD'48
Paula & Allan Freedman, MD'77
John W. Frymoyer, MD
Susan & Leslie H. Gaelen, MD'54
Dolly * & Edward Philip Gelvin, MD'38
Rhoda & Todd M. Gladstone, MD'68
Lotte & Nathan Glover, MD'52
Gerald L. Haines, MD'44
Esther & Leonard Halling, MD'57 *
Gayl Bailey Heinz
Joyce & Robert J. Hobbie, MD'65
Adrienne & James F. Howard, Jr., MD'74
Theo & Harry Elwin Howe, MD'52
Luke A. Howe, MD'52
Christine Waasdorp Hurtado, MD'00
James Nelson Icken, MD'75 & Jeanne Wagner, PhD
Vito D. Imbasciani, MD'85
Edward S. Irwin, MD'55
Jean & Jamie J. Jacobs, MD'65
Mary Jane & Edward W. Jenkins, MD'51
Celia & Bernard Kabakow, MD'53
Anne & Edward A. Kamens, MD'51
Paula & Alan Howard Kanter, MD'75
Sheila Kaplow, WI'59
Ione Keenan, WI'44
Eleonor & Leigh Wakefield Kendall, MD'63
Lorraine & Roy Korson, MD

Marianne & Edward A. Kupic, MD'60
Michelle & Samuel B. Labow, MD
Linda & David W. Leitner, MD
Corinne & Hugh S. Levin, MD'56
Frances & Philip A. Levin, MD'71
Richard Michael Lewis, MD'76
Marilyn & William H. Likosky, MD'66
Viola & William H. Luginbuhl, MD
Donna & Scott Jay MacDonald, MD'77
Betty E. Machanic, WI'46
Dr.* & Mrs. Benjamin H. Maeck, MD'54
Phyllis & Bruce R. Mackay, MD'57
Sidney Earl Maislen, MD'38
Eileen & Frederick Mandell, MD'64
Thomas J. Marx
Ruth Maser, WI'52
Susan & Jan H. Mashman, MD'65
Lois Howe McClure
Betty Farnsworth McGill, WI'46
Maxine McKee
Elizabeth & Edmund B. McMahon, MD'54
Richard Mason McNeer, III, MD'76 & Karen Sedat
Kathryn Ann-Kelly McQueen, MD'91
Barbara & Lawrence E. Mervine
Dr. Joan M. Moehring & Dr. Thomas J. Moehring
Kathryn Lucinda Moyer, MD'80 & Jean-Claude Demirdjian
Craig & Katherine Muir
Joel H. Mumford, MD'70 & Margery C. Collins
Carla & Theodore L. Munsat, MD'56
Eva Musicant, WI'39
Ronald S. Nadel, MD'63 & Ronnie Sue Nadel
Judith & Marvin A. Nierenberg, MD'60
Victoria J. Noble, MD'97
Jacqueline A. Noonan, MD'54
Ann-Beth Horwitz Ostroff, WI'68
H. Gordon Page, MD'45
Carmen Mary Pallotta, MD'50
Joan Ann & Peter J. Palmisano, MD'54
Gloria & Lawrence * Parker, MD'50
Barbara Ann & Barrie Paster, MD'68
John F. Pastore
Claire K. Pease, WI'49
Charlotte & Arthur Jason Perelman, MD'52
Carol F. Phillips, MD
Suzanne & David B. Pilcher, MD
Kathleen & Jon Perley Pitman, MD'68
Paulette & Mark I. Pitman, MD'56
Annette R. Plante *
Lois & Dennis A. Plante, MD'79
Theia Poczabut, WI'41
Andrea Lavender & Mark A. Popovsky, MD'77
Shirley Geraldine Price, MD'46
Jane Quilliam, WI'41
Richard H. Racusen, PhD'75 & Lorraine Racusen, MD'75
Darryl L. Raszl, MD'70 & Stoner Lichty
Burnett S. Rawson, MD'39
Mildred Ann Reardon, MD'67
Harry M. Rowe, MD'43 *
Kay & Richard A. Ryder, MD
Dianne Elizabeth Sacco, MD'97 & Gregg Chandler



Clockwise from upper right: J. Donald Capra, M.D.'63, Patricia Capra, Dr. Capra's parents, Richard and Mary Capra.

A Gift from a Grateful Son and Daughter-in-law

“I am forever grateful to my parents for introducing me to the concept of going to college early in life,” says **J. Donald Capra, M.D.'63**. “My medical degree from the University of Vermont has allowed me to have a productive life and see the world.” To demonstrate his gratitude Dr. Capra and his wife, Patricia, have made an estate gift to the College of Medicine in memory of his parents, Richard and Mary Capra of Barre, Vermont.

Capra's parents came to Vermont from Italy as children, in the first decade of the 20th century. “My grandfather was a stonecutter in Barre,” says Capra. “My father worked as an electrician/derrick operator in Barre at Comolli and Company his entire working life. My mother was a homemaker and raised my sister Carolyn and myself.” Although not formally educated, his parents appreciated and emphasized education as a priority for their children.

On graduating from the College of Medicine in 1963, Capra was awarded the William Brown Alumni Prize and the UVM Century Award. An academic physician specializing in immunology, he was the Edwin L. Cox Distinguished Chair in Immunology and Genetics at the University of Texas Southwestern Medical Center in Dallas and directed its Molecular Immunology Center from 1990 to 1997. In 1997, he was asked to serve as the third full-time president of the Oklahoma Medical Research Foundation, a position he held until 2006.

“My wife and I decided to make this type of unrestricted gift to UVM so that a future dean could use the funds where he or she sees fit. My hope is that upon our deaths, there will be enough money in the account to name a chair for my parents. I think that a Richard and Mary Capra Chair in the College of Medicine would make visitors stop, every once in a while, and wonder who the Capras were — Italian immigrants from Barre, Vermont, whose son graduated from medical school and wished to honor them for lives well lived.”

Lawrence C. Schine, MD'60
Ruth Andrea Seeler, MD'62
Gayle & Jay E. Selcow, MD'59
Madrene & Robert E. Sharkey, MD'59
Vita Vileisis Sherwin, MD'50
Eunice Marie Simmons, MD'49
Valerie & John Frank Siraco, MD'75
Renee & Norman Jay Snow, MD'70
Roberta & John W. Stetson, MD'60
Eleanor Swyer, WI'44
Kathryn & John P. Tampas, MD'54
Katherine Schindler Teotor
Peter Jon Tesler, MD'89 & Deborah Tesler, MD

Marjorie J. Topkins, MD'50
Carleen & Henry M. Tufo, MD
Judith Weigand Tyson, MD'70
Stephen K. Urice, WI'82
Robin K. White
Irene & Michael S. Wiedman, MD'54
Marilyn & Melvyn H. Wolk, MD'60
Marilyn & Robert C. Woodworth, PhD
Susanne Goldstein, WI'54
Susanne & Donald N. Zehl, MD'57

* indicates deceased

Faculty & Staff Donors

The College is grateful to the following faculty and staff who have made financial contributions to support the College and its missions.

J. Christian Abajian, MD'69
Thomas M. Achenbach, MD
Jane A. Aspinall
Roger D. Baker, MD'62
Mary Brooke Barss, MD
Laura Ann Bellstrom, MD'88
Monica Beneyto-Santonja
R. Jeffrey Bergquist, MD'75
Ira Mark Bernstein, MD'82
Richard L. Bingham, MD
John Alfred Bisson, MD'73
Allyson Miller Bolduc, MD'95
Sandra Bossick
Edwin G. Bovill, MD
Johana Kashiwa Brakeley, MD
Marianne Deschenes Burke
Stanley L. Burns, MD'55
Eleanor L. Capeless, MD
Mark A. Capeless, MD
Jan K. Carney, MD, MPH
John Cirignano
Stephen H. Contompasis, MD
Carson J. Combrooks, PhD
Michael J. Corrigan, MD'80
Marion Everett Couch, MD, PhD
Mary Cushman, MD'89
Gerald S. Davis, MD
Kim Dittus, MD, PhD
John M. Dunn, MD
Herbert Ashley Durfee, Jr., MD'48
Morris Earle, Jr., MD'83
Felix Peter Eckenstein, PhD
E. Stanley Emery, III, MD
John N. Evans, PhD
Elizabeth Booth Ezerman, PhD
Theodore James Fink, MD
Lewis R. First, MD
Paula Fives-Taylor, PhD'73
Ben R. Forsyth, MD
Daniel Kenneth Fram, MD'85
Bertold R. Francke, MD
Audree Lyn Frey
John W. Frymoyer, MD
John Joseph Gallagher, Jr., MD'80
Janice Mary Gallant, MD'89
Pamela Cox Gibson, MD'89
James David Gilbert
Cristin Gildea
Debra Lopez Gottesman, MD
William George Brown Graham, MD
Barbara Winslow Grant, MD
Curtis Green, MD
Sarah J. Greene
Carleton R. Haines, MD'43
Patricia J. M. Hartigan
Jonathan Brewster Hayden, MD'78
James Charles Hebert, MD'77
Nicholas H. Heintz, PhD'79
Mark Lewis Hoskin, MD'88
Kathleen D. Howe
Richard Nicholas Hubbell, MD'80
Alan E. Irwin, MD'71
Richard S. Jackson, MD
Diane Marie Jaworski, PhD
David Alan Kaminsky, MD
Sarah Lyn Keblin
Mary Evans Keefe

Jay E. Keller, MD'40
Masatoshi Kida, M. D.
Martin J. Koplewitz, MD'52
Roy Korson, MD
Edward L. Krawitt, MD
Thomas K. Kristiansen, MD
Arthur S. Kunin, MD
Samuel B. Labow, MD
Susan Lakoski
Patricia W. Laverty
Kathleen Ann Leahy
Bruce Jason Leavitt, MD'81
Gladwyn Leiman
James Stephen Limanek, MD'83
Jennifer Webster Lisle, MD'00
David Nelson Little, MD'75
Elizabeth Sloan Low, PhD, MS'83
Robert Burnham Low, PhD
Susan Lowey, PhD
Ginger Lubkowitz
William H. Luginbuhl, MD
John Henry Lunde, MD'80
Henry J. Maciejewski
Bruce Reed MacPherson, MD'67
Patrick Joseph Mahoney, MD'68
John E. Mazuzan, Jr., MD'54

Christopher Patrick McAree, MD
John J. McCormack, Jr., PhD
Philip B. Mead, MD
Terri Linn Messier
Keith W. Michl, MD
Frederick C. Morin, III, MD
Louis A. Mulieri, PhD'68
Jennifer A. Nachbur
Kenneth Earl Najarian, MD'80
Joseph Dean Nasca, MD'88
Rae Nishi, PhD
Christine D. Northrup, MD'93
Patricia Jeri O'Brien, MD'85
Manon L. O'Connor
H. Gordon Page, MD'45
Shilpa J. Patel, MD'00
Stephen Russell Payne, MD'83
Paul L. Penar, MD
William Ward Pendlebury, MD'76
Stephanie F. Phelps, PhD'03
Carol F. Phillips, MD
Robert A. Pierattini, MD
Kristen Kelly Pierce, MD'02
Dennis A. Plante, MD'79
Louis B. Polish, MD'81
Maura L. Randall
William Vincent Raszka, Jr., MD
Mildred Ann Reardon, MD'67
Karen Richardson-Nassif, PhD
Mercedes Rincón, PhD
Thomas A. Roland, MD
Lee David Rosen, PhD
John Jerome Saia, MD'66
Kennith Hans Sartorelli, MD'87
Marc Scarano

Howard Marc Schapiro, MD'80
Janet Eileen Schwarz
Elizabeth Anne Seward, MD'85
Andrew Siegel, MD
Damon A. Silverman
Shona Sladyk
Robert A. Sofferman, MD
Roger F. Soll, MD
Marga Susan Sproul, MD'76
J. Ward Stackpole, MD'56
Terry R. Stein, MD
Norman V. Sturtevant, MD'80
Betsy Lee Sussman, MD'81
Douglas Joseph Taatjes, PhD
Burton S. Tabakin, MD
John P. Tampas, MD'54
Rup Tandan, MD
Christopher M. Terrien, Jr., MD'67
Markus Thali
John W. Thanassi, PhD
Mattie Elizabeth Towle, MD'06
Paula B. Tracy, PhD
Russell P. Tracy, PhD
Edward S. Tucker, MD
Ruth E. Uphold, MD
Vernon E. Walker, DVM.
Carol Price Walters, PhD'73
Richard C. Wasserman, MD
G. Scott Waterman, MD
Brenda L. Waters, MD'77
Donald L. Weaver, MD'84
Joseph Wells, PhD
John K. Worden, PhD
Sheri Lee Youngberg
Christa Zehle, MD'99

* indicates deceased indicates emeriti WI indicates widow/widower



Honoring a Mentor

During the final pediatric grand rounds they attended in May 2012, graduating pediatric majors surprised Department of Pediatrics chair and Professor **Lewis First, M.D.**, with a donation in his name to support pediatric care at Vermont's academic medical center.

Vermont Cancer Center Donors

The College of Medicine and the Vermont Cancer Center are grateful to the following donors of \$100 or more who made contributions to support cancer research and education programs at the Vermont Cancer Center.

- Lori A. Abrahams
Jeannette Grace Abrams
Adamant United Methodist Church
Lester S. Adams, Jr.
May Affleck
Robert S. DiPalma &
Theresa Alberghini DiPalma
Bradley & Mary Aldrich
Patricia & William Alley
Charles M. Ams
Carol S. Anderson
David & Kathryn Anderson
Valoise Armstrong
Lawrence F. Assell
Dr. Henry V. Atherton & Phyllis Hardy Atherton
Mary L. August
Pamela J. Avery
Cynthia Holly Babbott
Jamie Bagnall
David R. Baker
Roberta Ann Baker
George G. Ball
Elizabeth & Matthew Bame
Doris M. Baron
James R. Barrett
Joseph P. Bauer
Francine Tilewick Bazluke
Lawrence H. Bean
Theodore Beebe
Bernard J. Bellemare
Sunshin K. Berman
Ronald Kennard Berry
Eleanore Bertin-Colucci
Robert Q. Bessette
Edward S. Blackwell, III &
Marilyn S. Blackwell, PhD
Robert C. Blake
Barbara A. Blanchard
Barbara D. Blanchard
Elwood Blanchard
Debra Sartelle Blondin
David W. Boehm
Katherine & Thomas Boll
Barbara Yonkman Bolton
Amy L. S. Bond
Thomas P. Bonnette
Charles H. Bothfeld
Donna & Roger Bourassa
Betsy & Edward Bouton
Edwin G. Bovill, MD &
Barbara Winslow Grant, MD
Ian Dacosta Boyce
Jo Bradley
Dr. Andrew John Bramley &
Dr. Janet Alice Bramley
Laurieleigh B. Bresnahan
Charles A. Brewster
Herman Brons
Robert W. Brooks
Bryan David Brown
Barbara S. Brown-Watts
Judge Alden T. Bryan
O. Richard Bundy, III
Ann Burke

The Burlington Finance Center
Dorothy D. Burns
Samuel Burr & Eugenie Doyle
Leonard E. Bussiere, Jr.
Cathy Butterfield
John & Nancy Calcagni
Margaret B. Cammack
Eleanor L. Capeless, MD &
Mark A. Capeless, MD
Cornelia & John Carpenter
Douglas P. Casey
Kathleen Casey-Strong
Prof. Arthur W. Cernosia &
Dr. Jennifer F. Cernosia
Catherine Chan
Dale Choukalos
Linda Yeagle Christensen
Barbara H. Cioffi
Margaret Dennis Cioffi
Ralph R. Cioffi
James Clark & Nancy Walker
Jane & Eric Arthur Clifford
Charles A. Cline
David R. Coates
Dr. Sandra Cohen
Matthew Cole
John Clark Collins
Ray W. Collins, Jr., MD'38
Edwin & Nancy Colodny
Sharon Compton
Nancy Ann Condit
Thomas Connors
Elizabeth D. Corliss
Raymond Edmund Couillard
Wendell S. Cozzi
Paige Crosby
Ana A. Cumming
Carol C. Cummings
Ann & Fred Curran
Tim Curtin
Mary Cushman, MD'89 &
William Ward Pendlebury, MD'76
Gary F. Daby, II
Richard Daley
Alice W. Damp
Dorothy A. Danforth
William R. Daniels
Elizabeth & Kent Dauten
John De Cuevas
Anna J. Deller
Ann Deming
Jon Deming
Gary Denué
Steven Depaoli
Jeannette D. Devall
Mary Jane M. Dexter
Laurie Thomson Diclerico
Kim Dittus
Anne Mooers Doherty
Jessica B. Dorsey
Gov. James H. Douglas
Kathleen Downes
Harold J. Driscoll
Susan Marie Duke

- Max T. Dumas
Nancy R. Eldridge
Andrew & Kathryn Ellenberger
Marlene Larock Emerson
Arlene C. Erit
Jessie E. Evangelista
Lauren M. Evangelista
Mary A. Evslin
Juliet C. Ewing
Richard Eugene Fanus
Catherine Farnsworth
Mary Beardsley Fenn
Jeffrey Feussner
Mary Fuller Fitzgerald, WI'55
Fletcher Allen Health Care
Kellan M. Florio
Karen Sue Foley
Kenneth W. Force
Maurice L. Fortier, Sr.
Francis & Edith Hendricks Foundation
Lisa M. Frankel-Boerner
Sally S. Friberg
Laura S. Fulwiler, Ed.D. & Toby E. Fulwiler, PhD
Catherine Gallagher
James R. Gallagher
Meryle Gallien
Gallus, LLC
Eleanor Barnum Gardner
Robert P. Gauthier
Camille & Don George
Walter S. Gibson
Scott Giles
Pamela S. Gillis
Dr. Clare A. Ginger
David R. Giuffre
Lorraine Clark Glidden
Oskar A. Gnaedinger
Sharon Gobioff
Helen A. Gokey
Irving M. Goldman
Tadeusz R. Gontarz
Todd J. Gonyeau
Robert H. Goodrich
Mary K. Gordon
Matthew & Mary Graf
Wayne G. Granquist
Green Mountain Avalanche, Inc.
Michael Green & Sarah E. Muyskens
Jane T. Greene
Sarah J. Greene
Stephen F. Greene
Anne Montague Griswold
Linda Joslyn Gross
Dr. Thomas James Gustafson &
Ann Viola Arcovitch
Catherine H. Hamilton, PhD
Lynn Hammond
Charlene Playful Hanley
David Harris
Brian & Janet Harwood
Paul Haverstick
Suzanne & Timothy Hawley
Hon. Timothy Y. Hayward
Helen Head & Thomas Mercurio
Priscilla H. Heald
Janice S. Hess
Dr. Karin Joanne Hess
Donald & Pixley Hill
Susan Hitt
Cornelius & Jeannette Hogan
Jeff Holmes
Paul C. Holmes
Suzanne H. Hooper
Kathleen & Stephen Howe
Michael C. Huebsch
- Audrey D. Huntington
Janet Lawson Hutchins
Arthur L. Hyde
IBM Corporation
Donald C. Ingham
Kimberly & Scott Ireland
Margaret C. Ireland
Stephen D. Ireland
Royce W. Irwin, Jr.
Penrose & Schuyler Jackson
Robert J. Jarrett
Diane Marie Jaworski, PhD
Dr. Robert G. Jenkins
Cary Rich Jewkes
Johnson Property Management, Inc.
Nancy R. Johnson
Larry & Sharon Joiner
John J. Jurnak, Jr.
F. Michael Juscen
Sarah Verret Kalinoski
Zigmund J. Karkoski
Franklin & Marion Kellogg
Ann & Anthony Kenney
Charles Kessler
KeyBank National Associations Employees
Jennifer M. Kimmich
Anita M. King
David M. King
Dana Ivan Kittell
Susan E. Klaiber
Stanley Augustus Knapp
Larry & Rhonda Kost
Ann Marie Kreft
Holly & John Kruse
Hon. Madeleine May Kunin &
Dr. John W. Hennessey, Jr.
Catherine Kirby LaBrecque
John & Dale Jeanne LaCroix, MD'91
Susan Lakoski
Henry & Molly Lambert
Merry H. Lapidus
James Lapine
Paul E. Larocque
Sherida R. Larose
Karel Kellogg Lavoie
Sonah Lee
John Armstrong Leppman, MD'73
Constance W. Levesque
Albert A. Lewis, DVM
Chuan Liu & Gail Nelson
Mary Jane Schmitt Liu
Ann Crittenden Livingston
Stephanie A. Lorentz
William A. Lounsbury
Peggy Ludden
Michelle Lueke
Alexander W. Lyall
Mark L. Lyvers
Timothy Jay MacNee
Carmel Macpherson
William E. Madigan
Mark A. Magnani
Nancy Stanley Magnant
Helen S. Maier
Sherryl Marsh
Cary H. Marshall, Sr.
G. William Martin, Jr.
Deborah & David B. McAneny, MD
Elizabeth B. McCann
Kevin T. McCarthy
Grace & John J. McCormack, Jr., PhD
Peter & Sherri Ann McCormick
Emilia McCullough
Kathleen & Stephen Howe
Michael C. Huebsch

- Sherry McGee
Mary Hope McGinness
Shirley M. McGuire
Jane McKenna
Miss Lindsay A. McKenna
Elizabeth A. McLain
Dr. Kevin Sean McLaughlin &
Jean-Marie McLaughlin
Dr. Anne M. McNamara
Douglas E. Mead
Patricia E. Means
Jacqueline B. Mercier
David Marc Meredyth
Betty K. Mereness
Karen & Peter Meyer
Patricia & Stephen Meyer
Keith W. Michl, MD
Karen A. Midi
Aaron & Kristy LaCasse Miller
Donald & Stephanie Miner
M. Jonathan Mishcon, MD'76
Joseph J. Morrone
Gretchen & James Morse
Jeffrey Dean Mullen
Edgardo R. Mune
Jeffrey A. Murray
Melanie C. Nangle
Donna L. Nault
Harry A. Neal
Shannon Neimann
Neuroblastoma Alliance, Inc.
Norwalk Oral & Maxillofacial Surgery
Nancy N. Oliver
Maura O'Sullivan & Joe Speidel
Michael Parascando
David & Dolores Partridge
Dr. Susan Paulson
Norene & George W. Peck, IV
Stephen Peck
Patricia A. Pellerin
Ivan J. Pels
Paul L. Penar, MD
Charlotte & Arthur Jason Perelman, MD'52
Simon Perkins
Jean Peterson & Walter Rockwood
Judith A. Peterson
Kathryn S. Phillips
Joseph P. Pichette
Pines Housing, L. P.
Stephen R. Piro
James & Judith Pizzagalli
Marc R. Poissant
Robert L. Pope
Parvin Pothiwala
Leatrice Potter
Doris T. Pratt
Dr. Patricia Cipriano Prelock &
William G. Congleton
Premier Coach Co. Inc.
Dianne & James Prevo
JoAnn M. Prince
Sharon L. Provost
Pamela Jean Quinn
Lester Donald Ravlin
RCAM Capital Partnership
Mildred Ann Reardon, MD'67
Hira U. Rhode
Cary R. Rich
The Richard E. & Deborah L. Tarrant
Foundation
Susan Rinaldi
Phyllis M. Roberts
Joanne & Michael Roof
Nancy W. Ross
Marjorie A. Royal
- Joyce E. Rublee
Nicolas A. Ruggiero
Milton H. Russell
Mary S. Rutherford
The S.D. Ireland Cancer Research Fund, Inc.
Robert Sahlman
Patrick G. Saunders
Victoria Sauderson
John Schaberg
Kurt Schabreg
Apphia P. A. Schley
Monika Schule
Frederick A. Senfleber
Stanley J. Shannon
Miriam Sheehey
Shelburne Community School
Joan C. Shelley
Francis T. Sheridan
Beverly Shihara
Katherine Meyer Simpson
Nicholas A. Skinner
Eleanor & Fred Smith
Roberta & Roger F. Soll, MD
George & Susan Spaulding
Irma M. Spearstone
Arthur Spiro
Peggy Sprague
Michel Emery St. Germain
Stan Combs Utility Excavating
Charles Stephen
Rolf M. Sternberg
Barbara Lillian Stevens *
Rita M. Stevens
Mary & Stephen Stewart
Carlene & Robert Sweet
Marie Dalbey Tabah
Frank E. Talbott
Deborah & Richard Tarrant
Stephen C. Terry
Virginia & Walter Thackara
The Whitcomb House
Bruce J. Thibaud
William P. Thompson
Jean M. Thurber
Joseph C. Tilden
Tilton Medical Associates, PLLC
Barbara J. Toof
Maurice J. Tourville
Olive B. Towne
June Marie Trayah
Kathryn J. Tucker
Charles Turcotte
Dr. Joan McQuiston Twiss & Robert Twiss
Daniel L. Tylanda
United Steel Workers
UVM Bookstore Staff
UVM Physical Therapy PhD Students
UVM Physical Therapy Student Association
V. F. W. Auxiliary Department of Vermont
Vermont Medical Society
Vermont State Assoc. of Emblem Clubs
Stephen A. Vineberg
Carolyn K. Vosburgh
Dr. Martin Waldron & Donna Waldron
Thomas K. Ware
Lisa G. Washburn
Richardson L. Watkins
Noella H. Watts
wEarth It, Inc.
Donald L. Weaver, MD'84 &
Caroline Moore-Weaver
Jean Clark Weaver
Beverly Wehr
Wendy J. Pierson Foundation for
Brain Cancer Research

- Margaret Durfee West
Dr. Lisa Weston
Robert Thomas Wetherbee
Myrna Gray Whaples
Jenny Whittaker
Robert & Lynn Hietala Wickberg, MD'95
Timothy B. Wickberg
Laura D. Widden
Scott Wiercinski
Ellen & Thomas Wilkins
- Giles & Tammy Willey
Leslie & Jerry Paul Williams
Tammy Wilson
Elizabeth G. Woods
Frederick P. Woodward
Helen Wright
Xtreme Collision Center
Frederick B. Zamore
Jesse Martin Ziegler
Neal Zierler

* indicates deceased

PROFILE IN GIVING



Members of the Shelburne Community School girls' basketball team sport their special pink t-shirts before one of their games.

Local Middle Schoolers Support the Vermont Cancer Center

In honor of the millions of people diagnosed annually with cancer, the Shelburne Community School middle school basketball coaches, players and staff decided to undertake a fundraising and awareness-building initiative on behalf of the Vermont Cancer Center (VCC) at the University of Vermont and Fletcher Allen Health Care during their season this past winter. While their original goal was \$500, the result of their efforts was triple that number — a total of more than \$1,500. Most of the basketball teams' fundraising activities took place at their games, where coaches and players wore pink t-shirts, sneakers, etc., and held bake sales, among other activities. At the start of each game, students shared why cancer research was important to them and why they hoped people would join them in supporting the VCC.

“The students also created an honor wall at their school where people could honor someone they knew who had passed away from or survived cancer,” says Sarah Keblin, director of annual giving and major gifts for the UVM College of Medicine.

Shelburne Community School middle school basketball coaches, including Anthony Spagnolo, Andrew Riegler, and Alan Mihan supported the teams in making this happen. In addition to the activities that took place during the Shelburne Community School middle school basketball games, about 50 students attended one of the Play 4Kay [formerly Pink Zone] basketball games, which are part of UVM's Rally for Cancer initiative.



Memorial Gifts

The College is honored to have received gifts in memory of the following individuals.

- Ardeschir Abadi, MD
John Abajian, Jr., MD
June Ovitt Abell ♦
Ellsworth Lyman Amidon, MD'32
Madeleine Angier ♦
Lester Calvin Armell, Sr. ♦
Doris V. Austin ♦
Herman Babbie ♦
Geraldine Feyrer Baker
Deborah Ann Baron ♦
Henry J. Bawarsky
Darren Bruce Bean, MD'99
Mark H. Beers, MD'82
Carol Dumas Benware ♦
Rosaire H. Bisson, MD'24
Donald Joseph Boulерice ♦
Alice M. Bourgault ♦
Rev. Thomas Bransfield ♦
Jack A. Broadhead ♦
Janice Brooks ♦
Dewees Harold Brown, MD'54
Berniece C. Buechler
Cathy Bulman
Clarence E. Bunker, MD'62
Walter Butler
Merrill A. Cabana ♦
Gordon E. Carlson
Dr. Hallidae K. Carney
Shirley D. Chaffee ♦
Alberico Cioffi ♦
Almerigo M. Cioffi ♦
Margaret and Charles Clark, MDs
Patricia Claudio ♦
J. Wallace Conklin, MD'51
Arnold H. Colodny, MD'52
Paul Brian Connelly ♦
Helen Cooke ♦
Thomas Cooke ♦
Marianne Rice Coombs ♦
Sandra LaBounty Coon ♦
- Jack & Gertrude Cooper
Margaret W. Courcelle ♦
John E. Crisp, MD'57
David Levi Keimowitz Crozier
Roger P. Dagesse ♦
Charles Michael D'Angelo, MD'68
Robert I. Davies, MD'53
John H. Davis, MD
Peggy L. Davis
Edmond J. Demers ♦
Gino Aldo Dente, MD'41
Harland M. Deos, MD'43
Elizabeth A. Depatie ♦
Eleanor Jean DeVries ♦
Donald Didier ♦
Dr. Whitney Randall Doane
Ernest A. Dunbar, Jr., MD'45
Dr. Philip H. Dunham ♦
Nan F. Durling ♦
Sandra J. Duso ♦
John Hall Elliott, MD'72
Robert Healy Elwell, MD'59
Dr. Robert R. Engisch ♦
Stanley Everett, MD'64
Abbie H. Farrar ♦
Rita Fettes ♦
Ellen R. Finn ♦
Miss Angela Carroll Fleming ♦
Richard Walter Foley, MD'75
Bruce Joseph Fonda
Ronald E. Fontaine ♦
Stephen G. Foster ♦
A. Frederick Friedman, MD'53
Nan Pilcher Frymoyer
Bruce Malcolm Garber, MD'75
Bruce A. Gibbard, MD
Robert W. Gillis ♦

- Mary Bishop Giuffre ♦
Dr. Richard W. Glade ♦
Jack Alan Grebb, MD'79
James Roby Green, MD'70
Frances Whitcomb Haines
Douglas Alexander Halporn, MD'00
Dr. Steven Hammerman
Jill L. Harkins ♦
Clifford M. Herman, MD'59
Dr. Arthur Rush Hogan
Walter L. Hogan, MD'18
Clifton Edmund Holmes ♦
Faie S. Hosley ♦
Charles S. Houston, MD
Miss Whitney P. Howe ♦
Roderick J. Humphreys, MD'48
Marilyn Hunt ♦
Sam Hutchison
Donald H. Irish ♦
Alan E. Irwin, MD'71
Lynn James ♦
Louis H. Jarvis ♦
Madison C. Jaurigue
Carl Braman Jewett ♦
Melissa Kaye Jewett
Ann L. Jordan ♦
Simon and Hannah Josephson
Joseph Raphael Jurkoic, MD'60
Celia Kabakow
Victor L. Karren, MD'45
Gretchen M. Kittell ♦
Rhoda R. Kleinman ♦
Michael L. Kropsky, MD'72
Michael Joel Lackey ♦
Marie C. Lafountain ♦
Delia L. LaPan ♦
Carol M. Lapine ♦
Stephen LaRose ♦
Francis E. Lashway ♦
Henry Joseph Lavoie, Jr. ♦
James R. Lawrence ♦
Robert E. Leader, MD'69 ♦
Laurette H. Leclair ♦
Ransom Warren Lee ♦
Wally Leeds
Norman P. L'Esperance, Jr. ♦
Penelope Jane London
Michael Clayton Lyford ♦
Richard G. Lynch, MD'44
John M. MacAulay, MD'62
Benjamin Harris Maeck, Jr., MD'54
Lorraine Whittemore Malzac ♦
Claire Marchessault ♦
Ernest A. Marchessault ♦
Gary Martin ♦
Leo E. Martineau ♦
Avron H. Maser, MD'52
Gary C. Mathon ♦
Frances Maynard ♦
Thomas C. McBride, MD'57
William J. McKinlay ♦
Thomas Winfrey Mehlman, MD'86
Claude Menard ♦
Michael Louis Miccolo, MD'81
Robert H. Mintzer, MD'55
George J. Mona ♦
Frank Monaco
Betty J. Morse ♦
Richard M. Narkewicz, MD'60
Richard Nels Nelson, MD'67
Warren H. Nelson ♦
Lynn Ogeka
Ali I. Omeis
Morris Ostroff, MD'68
Colleen Miller Page ♦
John Andrew Painter, Jr.
- Hillel S. Panitch, MD
Eloise F. Papin ♦
Lynn D. Pellerin, MD ♦
Mary Ann Pels ♦
Magdalene Halasz Peredy
Earl S. Perrigo, MD'69
Mary Elizabeth Petterson ♦
Debra A. Phillips
George & Frances Phillips
Clifford K. Piper, Sr. ♦
David B. Pitman, MD'33
Edwin O. Polish, MD'55
Joyce Potter ♦
Brenda L. Rabideau ♦
Cherry Racusin ♦
William W. Rash ♦
Beverly P. Rawson ♦
Patrick S. Raymond ♦
Sylvia Guay Reynolds ♦
Gregory D. Richards ♦
John F. Rinaldi ♦
Esther B. Roberts
Arthur L. Rossetti ♦
Mark Joseph Rossetti ♦
Gilberte Roy
Ruth S. Sassone ♦
Sylvia & Charles T. Schechtman, MD'26
George A. Schumacher, MD
Lisa Marie Shepard ♦
Robert Henry Smart, MD'67
Durwood J. Smith, MD
Gerard A. Smith ♦
Valarie L. Smith ♦
A. Bradley Soule, MD'28
Larry Stanton ♦
Muriel E. Stone ♦
James A. Stover, Sr.
Edward Joseph Such ♦
Robert S. Sumner ♦
Louise Robinson Swainbank ♦
Alfred J. Swyer, MD'44
Louis C. Taft, Jr. ♦
Bruce Talbot
Nancy Tallmadge
Robert J. Teague ♦
Otis Pennell Tibbetts, MD'67
Arthur C. Toutant
Kimie L. Towle ♦
Floyd Trillis
Goldie Trillis
Henry Thomas Tulip, MD'47
H. Carmer Van Buren, MD'54
Louis L. and Mary C. Vayda
Jane Waitt ♦
Sean Patrick Waldron ♦
Elisabeth O. Wallace ♦
Lester J. Wallman, MD
Joseph B. Warshaw, MD
Anthony F. Wasilkowski, MD'67
Ronald J. Way ♦
Thomas Welch, Jr.
Russell Carlisle West ♦
Linda A. Wetherby ♦
James Colin White, MD'56
Herbert Wildey ♦
Marie E. Wilkinson
Morris S. Wineck, MD'15
Frederick W. Wood, Jr. ♦
Vivian Lee Woon ♦
Wing Matison Woon ♦
Sumner J. Yaffe, MD'54
Abraham Zapson
Elizabeth Zeno ♦

♦ indicates gifts made to the Vermont Cancer Center

Honorary Gifts

During fiscal year 2012, the College of Medicine received gifts in honor of the following individuals or groups.

- Dr. Kent Anderson
Henry G. Atkinson
Cindy Lu Barrows
Kovi Ethan Bessoff
Edwin G. Bovill, MD
Dawn Kolodziej Bunker
Ludovic Alain Andre Buret
Patricia Pietryka Buteau
Serena Chang
Ralph R. Cioffi
Ralph R. Cioffi, Jr.
Frances Phillips Conklin, MD'51
Adaline Corrin, MD
Lucien Joseph Côté, MD'54
Mia Coulombe
Mary Kay Davignon
Gary Denue
John F. Dick, II, MD'67
Sally Drudi
John N. Evans, PhD
Luke D. Foster
Harold Fournier
Jeannette Fournier
Daniel Kenneth Fram, MD'85
The Freeman Foundation
Julia A. Frey
Tamar Neshama Goldberg
Barbara Grant, MD
- Sarah J. Greene
Gerald L. Haines, MD'42
John H. Harris, Jr., MD
Beth A. Hart, PhD
Sally D. Herschorn, MD
Susan K. Houle
Frank P. Ittleman, MD
Ted A. James, MD
Larry M. Joiner
James Keith
Candace Khattab
Hany M. Khattab, MD'12
Martin J. Koplewitz, MD'52
Lorraine Korson
Roy Korson, MD
Bruce Jason Leavitt, MD'81
Jerold F. Lucey, MD
Margaret Stevenson MacLeay
John E. Mazuzan, Jr., MD'54
R. James McKay, Jr., MD*
Karen Nystrom Meyer
John Miller, MD'99
Sharon Miller
Rebecca Munson *
Robert D. Nesbit, MD
Hank K. Ng
Mitchell Craig Norotsky, MD'89
Patricia Jeri O'Brien, MD'85

Matching Gifts

Many donors have their gifts matched by their or their spouse's employer. The following companies made matching gifts to the College of Medicine in fiscal 2012.



- Dennis Michael O'Leary
William A. O'Rourke, Jr., MD'57
Jacqueline Panko, MD'03
Arthur Jason Perelman, MD'52
Robert A. Pierattini, MD
Susan Burdette Radoux, MD
Lynsey Erin Rangel
Joel T. Rasco
Mildred Ann Reardon, MD'67
Thomas A. Roland, MD
Jeffrey Alan Rosenblatt, MD'87
Harry M. Rowe, MD'43 *
David Saward
Joseph D. Schmoker, MD
Dr. Rafael Sequeira
Steven R. Shackford, MD
Jeryl Robert Shapiro, MD
Elena V. Simon, MD'10
Micki Smith
Robert A. Sofferman, MD
- Marga Susan Sproul, MD'76
John P. Tampus, MD'54
Laura Tetreault
David M. Tormey, MD
Carson Volpe
Donna L. Waldron
Dr. Martin Waldron
Ryan E. Waldron
Carol Price Walters, PhD'73 *
Cynthia Stober Warshaw
Molly Wasserman, MD'11
David J. Weissgold, MD
Carol P. Welsh
Arthur D. Wolk, MD'43
Diane M. Wright
Beth A. Zawisza
Christopher Michael Ziegler

* indicates deceased

- Bank of America Charitable Foundation
Boeing Company
Carmax Foundation
ConocoPhillips Company
Genentech, Inc.
General Electric Foundation
Green Mountain Coffee Roasters Foundation
Johnson & Johnson
- Kaiser Permanente
Merck Partnership for Giving
Quest Diagnostics, Inc.
The Prudential Foundation
Verizon Foundation
Wells Fargo Foundation
Xerox Corporation



Fostering Exemplary Primary Care

Last year, Frank and Rhona (UVM '59) Ehrlich of New York City made a gift to fund scholarships for two UVM medical students who had indicated a desire to pursue primary care as a specialty. The couple was moved to do so by the exemplary care provided in Vermont to Rhona's mother by primary care physician **John Miller, M.D.'99**. The Erlichs wished to honor Dr. Miller in some way. He suggested helping the College of Medicine in its efforts to educate future primary care physicians. The College identified student scholarship as an impactful way to support students dedicated to practicing primary care. Dr. Miller was invited to be an active participant in the selection process and, in the spring of 2012, Meghan Small and Eric Worthing were chosen. "I hope that I can emulate Dr. Miller's dedication and excellence in care as I proceed through my career," said Meghan Small in a letter to the Ehrlichs. "I feel strongly that there is nothing more important than the relationships I form with my patients and my patients' families."

College of Medicine
Alumni Donors

PhD Alumni

Medical Ira Allen Society
(\$1,000+)

William Anthony DeBassio, PhD’71,
MD’77
Nicholas H. Heintz, PhD’79
Donald H. Lambert, PhD’70, MD’78
Richard Bruce Wait, MD’78, PhD’79

Contributors

Mark Allegretta, PhD’90
Whitnney Dotzler Barkhuff, PhD’09,
MD’10
John Jerome Brink, PhD’62
Ellen Black Combrooks, PhD’90
Paula Fives-Taylor, PhD’73
Patricia Jeanne Gregory, PhD’86
Jay Robertson Gump, PhD’01
Scot Randolph Kimball, PhD’83
Jeffrey H. Lawson, MD’90, PhD’92
Steven David Lefebvre, PhD’98,
MD’04
Berthann Scubon Mulieri, PhD’68
Louis A. Mulieri, PhD’68
Janice Coflesky Saal, PhD’87,
MD’92
Susan Ann Steitz-Abadi, PhD’95
Carol Price Walters, PhD’73

MD Alumni

Green & Gold
(Classes that have already
celebrated their 50th Reunion)

Medical Ira Allen Society
(\$1,000+)

John Goldthwaite Adams, Jr., MD’54
William Edward Allard, Jr., MD’57
Phillip H. Backup, MD’46
Richard H. Bailey, MD’55
Dudley M. Baker, MD’57
S. James Baum, MD’48 **†**
Eugene M. Beaupre, MD’58
Donald Skinner Bicknell, MD’61
Bertrand P. Bisson, MD’53
Sanford Bloomberg, MD’57
Martin E. Bloomfield, MD’60
Charles R. Brinkman, III, MD’60
Stanley L. Burns, MD’55
James D. Cherry, MD’57
Larry Coletti, MD’57 **†**
Lillian Colodny, WI’52
Roger S. Colton, MD’58
Lucien Joseph Cote, MD’54
Lewis Robert Dan, MD’59
Herbert Ashley Durfee, Jr., MD’48
Daniel G. Fischer, MD’57
Wilfrid L. Fortin, MD’61 **†**
Edward D. Fram, MD’56
Edward Philip Gelvin, MD’38
Barton J. Gershen, MD’57
Ira H. Gessner, MD’56 **†**
Herbert I. Goldberg, MD’56
Archie S. Golden, MD’57
Susanne H. Goldstein, WI’54
Theodore Joseph Goodman, MD’55
Arnold Goran, MD’58

Ira Greifer, MD’56
Carleton R. Haines, MD’43 **†**
Gerald L. Haines, MD’44
Leonard William Halling, MD’57 *
Daniel J. Hanson, MD’58
Walter L. Hogan, Jr., MD’55
Harry Elwin Howe, MD’52
Howard S. Irons, MD’57
F. Mark Jackson, MD’58
Ruth Christ Karen, WI’45
Arthur S. Kunin, MD’52 **†**
Edward A. Kupic, MD’60
Robert Lamer, MD’42
Denton E. MacCarty, MD’57
Howard H. MacDougall, MD’46
Bruce R. MacKay, MD’57
Donald J. MacPherson, MD’48
Benjamin H. Maeck, MD’54 *
Mrs. Benjamin H. Maeck, M.D., WI’54
Mark R. Margiotta, MD’57
Allen W. Mathies, Jr., MD’61
John E. Mazuzan, Jr., MD’54 **†**
Edmund B. McMahon, MD’54
John C. Mesch, MD’61
A. Rees Midgley, MD’58
Charles E. Moisan, Jr., MD’61
Patrick E. Moriarty, MD’61
Donald R. Morton, MD’61
Jacqueline A. Noonan, MD’54
Edward Okun, MD’56
Stuart Oster, MD’57
H. Gordon Page, MD’45 **†**
Arthur Jason Perelman, MD’52 **†**
Mark I. Pitman, MD’56
Shirley Geraldine Price, MD’46
Edward J. Quinlan, Jr., MD’57
Richard B. Raynor, MD’55
Harry M. Rowe, MD’43 *
Lawrence C. Schine, MD’60
Jay E. Selcow, MD’59 **†**
Robert E. Sharkey, MD’59
Herbert C. Sillman, MD’54
George Adam Soufleris, MD’60
J. Ward Stackpole, MD’57
Paul Giles Stevens, MD’55
William C. Street, MD’59
Ronald Roger Striar, MD’55
John P. Tampas, MD’54
Thomas B. Tomasi, MD, PhD’54
Marjorie J. Topkins, MD’50
Hollis N. Truax, MD’57
Marianne Vas, MD’61
Barbara J. White, WI’56
Sumner J. Yaffe, MD’54 *

Contributors

Philip Adler, MD’53
Mary Bertucio Arnold, MD’50
Louis N. Ashkar, MD’60
Virginia Lee Ault, MD’59
Lee Fenichel Barash, WI’51
Samuel Barrera, MD’55
Peter J. Bartelloni, MD’58
Lloyd G. Bartholomew, MD’44
Randolph C. Blodgett, Jr., MD’59
Nance Lefrancois Brittis, MD’59
Dewees Harold Brown, MD’54 *
Robert K. Brown, MD’60
Bruce A. Chaffee, MD’60
George H. Collins, MD’53

Ray W. Collins, Jr., MD’38
Wilton W. Covey, MD’44 **†**
R. Wade Covill, MD’61
Edward Byington Crane, MD’47
James A. Danigelis, MD’59
Olive Morris Davies, MD’50
H. Randall Deming, MD’59
Mary L. Deos, WI’43
Richard C. Dillihunt, MD’60
Arthur Richard DiMambro, MD’55
Robert G. Dolan, MD’58
Francis J. Durgin, MD’58
Winifred Dunbar, WI’45
John R. Eddy, MD’53
William A. Eddy, MD’52
Patricia A. Elwell, WI’59
Richard N. Fabricius, MD’53 **†**
Emmett L. Fagan, Jr., MD’53
Dorothy Sussman Fishman, WI’50
Mary Fuller Fitzgerald, WI’55
Ida Pepper Friedman, WI’53
Marvin Garrell, MD’52
Francisca Tomos German, MD, WI’60
Herbert Gersh, MD’55
Nathan Glover, MD’52
Charles P. Gnassi, MD’58
Theodore H. Goldberg, MD’52 **†**
Peter Ames Goodhue, MD’58
J. John Goodman, MD’48
Bernard N. Gotlib, MD’55
Cornelius O. Granai, Jr., MD’52
Thomas M. Holcomb, MD’47
Donald E. Holdsworth, MD’56
Fred Dewitt Holford, Jr., MD’56 *
Thomas G. Howrigan, MD’61
Edward W. Jenkins, MD’51 **†**
Bernard Kabakow, MD’53
Edward A. Kamens, MD’51
Rudolph M. Keimowitz, MD’61
Jay E. Keller, MD’40
Martin J. Koplewitz, MD’52
Raymond B. Koval, MD’52
John B. Lafave, MD’61
David D. Lawrence, MD’60
Hugh S. Levin, MD’56
Kenneth J. Levin, MD’61
Wayne S. Limber, MD’53
Robert W. Linehan, MD’47
Don Richard Lipsitt, MD’56
Marshall G. London, MD’55 **†**
Michael J. Lynch, MD’54
Peter R. Manes, MD’57
Vincent A. Manjoney, MD’47
John S. Manuelian, MD’56
Michael G. Marra, MD’48
John James McCutcheon, Jr., MD’49
Charles F. Miller, MD’50
Walter F. Miner, MD’57
Naomi Karnofsky Mintzer, WI’55
Willard J. Morse, Jr., MD’61
Gerald N. Needleman, MD’53
Margaret Newton, MD’54
Marvin A. Nierenberg, MD’60 **†**
James Edward O’Brien, MD’61
Robert E. O’Brien, MD’45 **†**
Betty Young O’Dell, MD’48
William A. O’Rourke, Jr., MD’57
Joseph F. Palma, MD’59
Stephen G. Pappas, MD’60
Lawrence James Parker, MD’50 *
Leonard M. Parker, MD’61
Robert C. Parker, MD’60
Malcolm Jack Paulsen, MD’48
Robert H. Perkins, MD’58

Carl L. Perry, MD’57
Most Rev. John H. Perry-Hooker’47
Rhoda D. Polish, WI’55
Irwin W. Pollack, MD’56
Robert Lee Pratt, MD’55
George B. Reservitz, MD’61
Albert A. Romano, MD’55
Loren Rosenberg, MD’56
Murray K. Rosenthal, MD’59
Olin D. Samson, MD’58
James David Sawyer, MD’44
Glenn M. Seager, MD’59
Patricia Adams Searfoss, MD’59
Edward S. Sherwood, MD’49 **†**
Marvin Silk, MD’54
Wendell E. Smith, MD’54
Saul M. Spiro, MD’56
Stanley I. Stein, MD’59
Grace Wright Stetson, MD’58
John W. Stetson, MD’60
George Michael Tirone, Jr., MD’58
Edwin Laurie Tolman, MD’61
Parker A. Towle, MD’59
Madalyn Hunt Tulip, WI’47
John A. Vaillancourt, MD’61
Robert D. Wakefield, MD’44
Miles Edward Waltz, MD’61
Peter B. Webber, MD’58
Stephen William Weinstein, MD’59
Herbert White, MD’54
Philip G. Whitney, MD’60
John B. Wilder, MD’56
Kenneth O. Williams, MD’54
Thomas W. Williams, MD’48
Richard Charles Wolff, MD’53
Arthur D. Wolk, MD’43
Melvyn H. Wolk, MD’60 **†**
Donald N. Zehl, MD’57

50-YEAR REUNION

’62 Medical Ira Allen Society
(\$1,000+)

Ralph David Aserkoff
Stuart Donald Cook
Donald Thomas Evans
Dean S. Louis
Neil F. Mara
Ruth Andrea Seeler

Contributors

Roger D. Baker
Clarence E. Bunker *
Daniel H. Day
S. Edwin Fineberg
Michael I. Grady
Allan H. Greenfield
Christos A. Hasiotis
Warren E. Johnson
Joshua M. Kaplan
Donald P. Miller
Robert G. Mondou *
Daniel I. Palant
Sherwin H. Ritter
Lewis M. Slater

Participation **64%**
Total..... \$10,725
Agent Ruth Andrea Seeler

’63 Medical Ira Allen Society
(\$1,000+)

J. Donald Capra
Ann Tompkins Dvorak

Gerald L. Evans
Thomas Joseph Halligan, Jr.
Edward R. Mulcahy
John J. Murray
Ronald S. Nadel
Henry S. Nigro
Paul C. Rutkowski
H. Alan Walker

Contributors

John B. Burns
Cathleen O’Brien Capogeannis
Arnold M. Kerzner
Leroy G. Meshel
Felix A. Perriello
Allen D. Price
Edward C. Saef
Frederic S. Shmase
Richard N. Stein
Peter D. Upton
Hervey A. Weitzman

Participation **50%**
Total..... \$37,750
Agent John J. Murray
Agent H. Alan Walker

’64 Medical Ira Allen Society
(\$1,000+)

Herbert F. Hein
David Korman
Melvin A. Yoselevsky

Contributors

Arthur George Aaronson
Anthony P. Belmont
Austin White Brewin, Jr.
William M. Burke
Prescott J. Cheney
John T. Chiu
Robert M. Cross
Toby Everett, WI
Melvin L. Feldman
Gerald Allan Frank
John Samuel Gould
Theodore James Hallee
Willis E. Ingalls
Frederick Mandell
Richard A. Patch
Edward R. Roaf
Lester H. Wurtele, Jr.

Participation **51%**
Total..... \$8,025
Agent Anthony P. Belmont

’65 Medical Ira Allen Society
(\$1,000+)

Marlene Ann Aldo-Benson
Merrill D. Benson
Woolson W. Doane
Allan L. Gardner
Sharon Lee Hostler
Robert I. Keimowitz
Jan H. Mashman
Paul B. Stanilonis

Contributors

Myer S. Bornstein
Frederick M. Burkle
James F. Butler, III
Alan F. Crosby
Dorothy Indick Eisengart
Robert J. Hobbie
Jamie J. Jacobs
James S. McGinn
David E. Osgood

Gordon S. Perlmutter
Richard Wulf

Participation **50%**
Total..... \$11,880
Agent George A. Little
Agent Joseph H. Vargas, III

’66 Medical Ira Allen Society
(\$1,000+)

Jean E. Long
Roger V. Ohanesian
Robert George Sellig
Leonard James Swinyer

Contributors

Jeremy Ethan Alperin
Joseph R. Beauregard
Dale R. Childs
Fredric I. Fagelman
Sumner Leon Fishbein
Joseph A. Guzzetta
Richard H. Landesman
Raymond F. Macionus
Ellen Mansell
Owen Danforth Mathewson
Thomas J. Muldowney
Douglas P. Norman
Jeffrey J. Pomerance
John Jerome Saia
G. Millard Simmons

Participation **49%**
Total..... \$8,300
Agent Robert George Sellig
Agent G. Millard Simmons

45-YEAR REUNION

’67 Medical Ira Allen Society
(\$1,000+)

John F. Dick, II
Bruce Reed MacPherson
Irving G. Peyser
Mildred Ann Reardon
Myer H. Rosenthal
Francis Roland Sacco
M. Geoffrey Smith
Christopher M. Terrien, Jr.
Carolyn B. Wasilkowski, WI

Contributors

Stuart A. Alexander
John H. Arthur
James F. Austin
Jeffrey L. Black
Norman M. Bress
Ursel Danielson
Paul Henry Dumdey
Virginia Barnes Grogear
Benjamin Arthur Kropsky
D. Eugene Martin
Gregory Bruno Politi
Dick L. Robbins
Marjorie Nelson Smart, WI
Maureen McMahon Tibbetts, WI
Roger M. Wilson

Participation **53%**
Total..... \$13,025
Agent John F. Dick, II

’68 Medical Ira Allen Society
(\$1,000+)

Laurence M. Cohan *
Todd M. Gladstone

Stephen H. Greenberg
Robert C. Hannon
Nelson H. Sturgis, III

Contributors

Betsy Curtis D’Angelo, WI
Stephen E. Clark
William J. French
Joseph E. Godard
Thomas A. Hallee
David Jay Keller
Robert H. Lenox
Robert S. Madrell
Patrick Joseph Mahoney
Paul Richard Olson
Barrie Paster
Jon Perley Pitman
David R. Schmottlach
Thomas K. Slack
David Alan Strassburg
Timothy John Terrien

Participation **50%**
Total..... \$106,450
Agent Todd Gladstone
Agent David Jay Keller
Agent Timothy John Terrien

’69 Contributors

J. Christian Abajian
David A. Byrne
Richard R. Byrne
Daniel B. Clarke
Ronald J. Failla
Steven N. Firestone
John F. Healy
David G. King
Robert S. Kramer
Raymond A. Maddocks
Stephen W. Munson
Carolyn Perrigo, WI
Wilfrid L. Pilette
Roger K. Pitman
Duane C. Record
William N. Thibault
William J. Watson

Participation **58%**
Total..... \$19,346
Agent Raymond Joseph Anton
Agent John F. Beamis, Jr

’70 Medical Ira Allen Society
(\$1,000+)

Raymond Joseph Anton
Edward Norman Bailey
Anthony R. Barri
John F. Beamis, Jr.
J. Michael DeCenzo
William A. Fajman
Richard M. Faraci
Joel H. Mumford
Andrew D. Parent
Darryl L. Raszl
Norman Jay Snow
Thomas I. Soule

Contributors

Michael Bruce Andorsky
Elizabeth Holmes Carter
Preston L. Carter
Joseph I. Chartor
Vincent A. Decesaris
Christopher R. Flory
Eugene F. Fuchs
Richard M. Gendron
Thomas J. Grady

Participation **39%**
Total..... \$22,048
Agent Wayne E. Pasanen
Agent Edwin G. Singesen



40-YEAR REUNION

’72 Medical Ira Allen Society
(\$1,000+)

F. Farrell Collins, Jr.
Martha J. Elliott, WI
Ronald A. Marvin
Donald Scott Murinson
William M. Notis
H. David Reines
Daniel Carl Sullivan
Joel P. Sussman

Contributors

Joseph Charles Benedict
Robert A. Bonanno
Adrienne Buuck Butler
John E. Butler
David M. Coddair
Alan D. Covey
Mark A. Donovan
Charles M. Elboim
Alan Brian Feltmarch
Leo Charles Ginns
Stuart M. Graves
Douglas H. Greenfield
Ronald Paul Hantman
Richard George Houle
Donald S. Levi
Donald L. McGuirk, Jr.
Donald B. Miller, Jr.
Richard Alden Moriarty
Russel S. Page, III *

Douglas Jay Pitman
Bruce Berner Shafiroff
R. Eric Stutt
Richard L. Teixeira

Participation **46%**
Total..... \$23,740
Agent F. Farrell Collins, Jr.

’73 Medical Ira Allen Society
(\$1,000+)

James M. Betts
Cressey Wayne Brazier
David Leigh Bronson
Susan Shubert Buchwald
Philip L. Cohen
Phillip Harland Deos
Merrill Hugh Epstein
David Peter Flavin
Darwin Ray Kuhlmann
Suzanne R. Parker

Contributors

William D. Barrett
Robert A. Beekman
Robert Joseph Bertagna, Jr.
John Alfred Bisson
Richard Harry Feins
James Stanley Heath
Victor C. Herson
Lawrence Colwyn Hurst
Marc Ira Keller
John Armstrong Leppman
Lawrence C. Maguire
Gregory J. Melkonian
Lawrence Joel Moss
Irvin L. Paradis
Martin Ralph Phillips
Victor J. Pisanelli, Jr.
Thomas Joseph Ruane
James M. Salander
Daniel Louis Spada
James Michael Stubbert
Rodney Joseph Taylor
Lloyd Edward Witham
Charles James Wolcott

Participation **43%**
Total..... \$22,047
Agent Philip L. Cohen
Agent James M. Betts

† indicates class agent * indicates deceased WI indicates widow/widower

'74 Medical Ira Allen Society (\$1,000+)

Edward Andrew Blanchette
Richard Louis Gamelli
Albert Joseph Hebert, Jr.
James F. Howard, Jr.
Frederick Michael Perkins
John Arthur Persing
Jay G. Stearns

Contributors

Jeffrey Stockwell Allen
Thomas P. Clairmont, Jr.
Denise E. Duff-Cassani
Douglas M. Eddy
Stephan M. Hochstin
Wilfred P. Hodgdon
Dennis Sherwin Krauss
Grace Fili Maguire
Kathleen Marie Meyer
Richard Janney Miller
Joseph Michael Monaco
Betty Jo Morwood
David Alan Novis
Constance Marianne Passas
B. Geoffrey Piken
Peter David Rappo
Roger Alexander Renfrew
Virginia Palmer Riggs
Timothy N. Rowland
John Robert Saucier
Cajsa Nordstrom Schumacher
Jeffrey Adrian Schumacher
Kenneth David Thomas
James K. Wallman
William Brooks Ware

Participation **52%**
Total.....\$21,972
AgentDouglas M. Eddy
AgentCajsa N. Schumacher

'75 Medical Ira Allen Society (\$1,000+)

Ellen Andrews
Palmer Quintard Bessey, Jr.
William R. K. Johnson
Robert A. McCready
John Frank Siraco

Contributors

R. Jeffrey Bergquist
John W. Blute, Jr.
Patrick Michael Catalano
Emanuele Q. Chiappinelli
Eugene Louis Culetti

Stephen Alan Degray
Allen Edmund Fongemie
James Gerard Gallagher
Stephen John Haines
Alan Howard Kanter
Douglas Norman Klaucke
David Nelson Little
Thomas Edward McCormick
John Hornblower Meyer, Jr.
David Richard Miller
Brian Joseph Reilly
David Revell
Stephen Francis Rowe
Christopher Tompkins Selvage
Thomas Allen Wolk

Participation **38%**
Total.....\$11,252
Agent Ellen Andrews

'76 Medical Ira Allen Society (\$1,000+)

Robert Wolcott Backus
John Thomas Bowers, III
S. Kent Callahan
Don P. Chan
John Rogers Knight
Richard Mason McNeer, III
M. Jonathan Mishcon
Matthew Robert Zetumer

Contributors

Jayne Anne Ackerman
Bruce Row Brown, Jr.
Timothy Stephen Carey
Anita Feins
Michael Lawrence Gerrity
Kevin Christopher Kelley
Steven Lampert
Richard Michael Lewis
Helen Loeser
George Edward Maker
Richard A. Marfuggi
William G. Muller
Ralph Angus Nixon, Jr.
David Truxal Noyes
Bonita Ann Palmer
Robert C. Parke
David Alan Paulus
William Ward Pendlebury
Eric Jay Reines
Lee Howard Rome
R. Bruce Smith
Marga Susan Sproul
Henry Roger Vaillancourt

Jon Winston Way
Peter D. Wilk

Participation **45%**
Total.....\$17,685
Agent Don P. Chan

35-YEAR REUNION

'77 Medical Ira Allen Society (\$1,000+)

William Anthony DeBassio
Allan Freedman
William P. Gifford
A. Howland Hartley
James Charles Hebert
John G. Kenerson
James F. Leland
Scott Jay MacDonald
Delia M. Manjoney
Robert S. McWilliam
Argeh Shander
Brenda L. Waters

Contributors

Roger E. Belson
Kevin Joseph Berry
Ronald B. Dennett
Michael A. Galica
Lawrence Eli Garbo
Ruth Kennedy Grant
Paul R. Gustafson
Rowland Gibson Hazard
Charles H. Herr
William Frederick Hickey
John Henley Kanwit
Kurt Lauenstein
Paul Kenneth Lewis, Jr.
Brian D. Mahoney
Mary E. Maloney
Michael T. McNamara
James A. Merritt
Paul E. Palumbo
Gail Judith Povar
John R. Redman
Karen R. Reeves
John E. Rowe
Frederic E. Shaw, Jr.
Richard L. Staley
Richard Edward Wild

Participation **47%**
Total.....\$46,340
Agent Mark A. Popovsky
Agent James C. Hebert

'78 Medical Ira Allen Society (\$1,000+)

Andrew Jay Arrison
Cheryl Luise Davis
John Henry Healey
Anthony J. Kazlauskas
Donald H. Lambert
David Thornton Lyons
John William McGill
Wallace R. McGrew
Michael David Polifka
Richard Bruce Wait

Contributors

John Edward Alexander
Nancy MacFarlane Collins
Paul McLane Costello
Judith Ann Crowell
Sherry Anne Dickstein
Anne D. Ehrlich
Robert Stephen Feins
Jeannine Gingras
Jonathan Brewster Hayden
Anne Heywood Haydock
Anita Henderson
Michael Rowe Hermans
Peggy J. Howrigan
Judith Ann Ingalls
Jeffrey Michael Lovitz
Edward Francis McCarthy, Jr.
James Patrick Murray
Howard Alan Nadworny
Philip Thomas Peverada
Paul Victor Plourde
Paul Frederick Poulin
Dr. Robert Raymond Revers
Mark Holmes Rolerson
John Philip Scamman
Linda Henstrand Schroth
Nicholas James Sears
Robert Douglas Shaw
Gail Bos Simonds
John Willis Thomas

Participation **51%**
Total.....\$21,466
Agent Paul McLane Costello

'79 Medical Ira Allen Society (\$1,000+)

Edward Bowen Cronin
Helen Marie Crowe
Robert Healy Harrington, Jr.
Courtland Gillett Lewis
Dave E. Lounsbury

Contributors

Joseph Bayes
Anne A. Brewer
John Thomas Britton
Cynthia Christy
Stephen Anthony Dolan
Robert James Dray, Jr.
Daniel Mahar Foley
Jeffrey Irwin Gassman
Mark Francis Graziano
Thomas Alfred Harrington, Jr.
Bruce Whitley Honsinger
James Nelson Jarvis
William Albert Jensen
David Deniord Jones
Roger S. Lash
Ralph Andrew Manchester
Laurence Francis McMahon, Jr.
Dennis A. Plante
Nancy Lane Plourde

Alan Scott Rogers
Sally Shulman Rosengren
Ronald Clifford Sampson
Donald Arthur Smith
Susan Bernard Talbot
Laurie Joan Woodard
Martha A. Zeiger

Participation **41%**
Total.....\$12,000
Agent Sarah Ann McCarty
AgentDennis Plante

'80 Medical Ira Allen Society (\$1,000+)

Martin Larry Black
Michael J. Corrigan
Steven Michael Davis
Barbara Bittner Heublein
Richard Nicholas Hubbell
John Henry Lunde
Kathryn Lucinda Moyer
Stuart N. Rice
Howard Marc Schapiro

Contributors

Mary Ellen Betit-Keresey
Paul Alfred Boepple
Rebecca Chagrasulis
Joel Edwin Cutler
Peter Allen Dale
Cathleen Olivia Doane-Wilson
Rebecca Ann Foulk
John Joseph Gallagher, Jr.
Linda Sue Hermans
Thomas Francis Lever
Dana Francis McGinn
James Gerard McNamara
Mark H. Mirochnick
Warren H. Morgan
Kenneth Earl Najarian
Jennifer Fox Nuovo
Jim Nuovo
Robert A. Ruben
Sean O'Brien Stitham
Norman V. Sturtevant
David J. Underhill

Participation **44%**
Total.....\$20,161
AgentRichard Nicholas Hubbell

'81 Medical Ira Allen Society (\$1,000+)

John R. Anton
Ernest M. Bove
David P. Meeker
Louis B. Polish
Peter Stern
David W. Towne
James M. Worthington

Contributors

Thomas Francis Certo
William George Cioffi, Jr.
Mark Stephen Cooper
Beth Miriam Dollinger
Joseph John England
Paul Douglas Fournier
Thomas M. Frey
Charles Labe Garbo
Jay H. Garten
Harald James Henningsen
Linda Hood
Jacques Gedeon Larochelle
Bruce Jason Leavitt
Thomas H. Lewis

Theodore F. Logan
Priscilla S. Martin
David George Millay
John M. North
Joseph B. Quinn
John M. Richey
Elliot H. Rubin
Gary L. Schillhammer
Dale D. Stafford
Betsy Lee Sussman
Floyd Trillis, Jr.
Andrew Seth Weber

Participation **41%**
Total.....\$26,619
AgentBruce Leavitt
Agent Betsy Sussman
Agent Louis Polish

30-YEAR REUNION

'82 Medical Ira Allen Society (\$1,000+)

James I. Couser, Jr.
Helaine Wolpert Dietz
Lisbet M. Hanson
Paul H. Kispert
Michael Robert Saxe
Stephen K. Urice, WI

Contributors

Victor William Acquista
Kevin Paul Andrews
Ira Mark Bernstein
Ronald D. Blatt
Paul Bloomberg
George S. Bryan
Margaret H. Burroughs
Charles Edward Clark, Jr.
Joseph Edward Corbett, Jr.
James C. Foster
Jamie Lisa Gagan
Robert D. Harris
Jane T. Horton
Edward H. Jaccoma
Lindsay Poole Johnson
Gary E. Kalan
Isaac Leigh Kaplan
James B. Kilgour
Peter H. Krauth
Gail Manning Kubrin
David Michael Maccini
Martha Field McCarty
David Kenneth Murdock
Terence Dwight Naumann
Foster I. Phillips
Diane C. Rippa
David Lucien Roy
Fredric Paul Schlusell
Priscilla Shube
Scott W. Treworgy
MG George W. Weightman
George P. White, Jr.

Participation **43%**
Total.....\$29,355
AgentDiane Rippa

'83 Medical Ira Allen Society (\$1,000+)

Pamela A. Harrop
Edward S. Horton, Jr.
Joseph Charles Kvedar
Michael R. Narkewicz
Blake M. Paterson

Sara Avery Quayle

Contributors

Robert A. Baldor
James E. Bane
Gary R. Berk
Gwen Marie Bogacki
Robert M. Coughlin
Mark E. Covey
Ross Alan Dykstra
Morris Earle, Jr.
Katherine Barrett Frantz
Diane M. Georgeson
Ronald C. Hartfelder
Mark Richard Iverson
Brian M. Jumper
Daniel Wilder Larrow
Frank William Lavoie
James Stephen Limanek
Leigh Stewart LoPresti
Lynn M. Luginbuhl
Howard H. Mizrachi
Rosanna Trabucco Musselman
Patrick W. O'Connell
John J. Orloff
Stephen Russell Payne
Fortunato Procopio
Robert R. Quimby
James G. Rose
Joshua David Schwartz
Albert J. Sinusas
Mark S. Siskind
Jay Sokolow
Thomas P. Whelan
Jeffrey A. Zesiger

Participation **44%**
Total.....\$16,350
Agent Diane M. Georgeson
Agent Anne Marie Massucco

'84 Medical Ira Allen Society (\$1,000+)

Richard H. Brown
Mary P. Horan
John H. Lyons
Michael Alan Merriam
Donald L. Weaver

Contributors

Roland E. Baker
Charles Joseph Cathcart
Patrick Paul Clifford
John F. Coco
Jay P. Colella
Jonathan D. Glass
Pushpa Lall Gross
Alan S. Katz
Debbie A. Kennedy
Claire A. Levesque
Stephen C. Mann
John F. Monroe
Thomas Michael Munger
Matthew C. Pender
Susan Elaine Pories
Denise Frances Poulin
Patricia M. Pratt
Audrey L. Richards
Richard R. Riker
Jose M. Samson
Meredith D. Stempel
Anthony R. Turi, Jr.
Gordon C. Wood

Participation **33%**
Total.....\$12,063
AgentRichard C. Shumway



'85 Medical Ira Allen Society (\$1,000+)

Charles Jay Bernstein
Stephen Scott Ehrlich
Suzanne Gay Frisch
Michael Alan Gordon
Marc Immerman
Thomas Edward Kingston, Jr.
Jonathan David Levine
Katherine Stoddard Pope
Elizabeth Anne Seward
Howard J. Silberstein
Michael J. G. Somers
Jacqueline A. Tetreault
James Kevin Wolcott

Contributors

Susan Leslie Baum
Kevin Thomas Carey
Roy A. Cobean
Brenda Elizabeth Corrigan
Winston Milo Eddy, Jr.
Daniel Kenneth Fram
Eric Scott Frost
Kathleen Ann Geagan
Martin L. Ginsberg
Theresa Ann Graves
Eric Enrico Guardino
Daniel R. Hovenstine
Craig Robert Huttler
Vito D. Imbasciani
Seth Lawrence Krauss
Linn Marie Larson
Scott Franklin London
William M. Martin
Patricia Jeri O'Brien
George Stephen Peredy
Bruce S. Rothschild
Eric Stuart Sandler
Brian C. Shiro
Curt M. Snyder
John William Solari
Dale William Steele
Jane A. Sullivan-Durand
Linda Louise Walker
Barbara Jane Wood

Participation **45%**
Total.....\$31,108
AgentVito D. Imbasciani
Agent Suzy Frisch

'86 Medical Ira Allen Society (\$1,000+)

Steven A. Burton
Bonnie Gong
Martin Theodore Grune
Robert Ralph Harding
Jennifer Madison McNiff
F. Todd Tamburine

Contributors

Diane Antoinette Bourke
Sally Willard Burbank
Matthew Williams Caldwell
Linda Ann Collins
Stephen Crompton Culp
Thomas J. Curchin
David H. Dumont
Henry Kasimir Godek
Jeffrey Albert Grass
Mark H. Gregory
Khin Khin Gyi
Brad Holden
Vijaya Madhukar Joshi
Mizin Park Kawasaki
Ronald Ivan Kaye
Dayle Gay Klitzner
Dong-Joon Lee
David Bernard McDermott
Steven Paul Meyers
Alan Robert Mizutani
Cathleen Elisabeth Morrow
Marianne Gardy Passarelli
Brenda M. Phillips
Michael Edward Phillips
David Arthur Rinaldi
Rasesh Mahendra Shah
Paul Richard Vom Eigen, Jr.
JoAnn Marie Warren
Jennifer Freda Weinraub

Participation **41%**
Total.....\$12,789
AgentDarrell Edward White

25-YEAR REUNION

'87 Medical Ira Allen Society (\$1,000+)

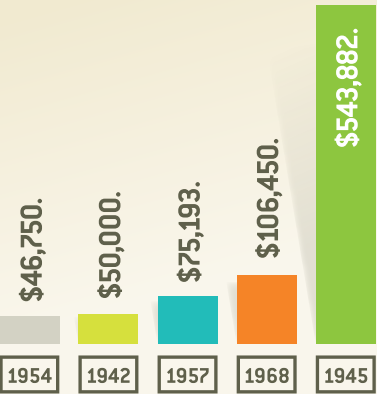
Elizabeth Atwood Eldredge
James Michael Jaeger
Thomas M. Montagne
Raymond David Petit
James Louis Vayda

Contributors

Robert Edward Benton
Susan Elizabeth Coffin
David Raymond Couillard
Rhett Lee Daugherty
David George Evelyn
Roger Joseph Giroux
Helene Goldsman
Davidson Howes Hamer
Craig Allan Hawkins
Michael Jay Kaplan
Betty Jane Keller
William Emil Luginbuhl
Judith Howard McBean
Richard Charles Meltzer
Karen Nepveu
Mark David Poulin
Marcia Ann Procopio
Linda Karen Rathbun
Jeffrey Alan Rosenblatt
Kennith Hans Sartorelli
Susan Carol Sharp
Denise Michelle Soucy
David Alban Stevenson
Erica Turner
Barbara Ellen Weber
Alison Elizabeth Wondriska
Marie Lynn Zagroba

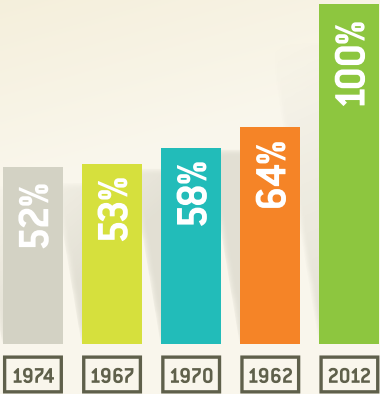
Participation **36%**
Total.....\$19,780
Agent J. Michael Jaeger
Agent Jeffrey Rosenblatt
Agent Helene Goldsman

FISCAL YEAR 2012 PHILANTHROPIC ALUMNI SUPPORT



ALUMNI GIVING

TOP 5 CLASSES (by \$)



ALUMNI PARTICIPATION

TOP 5 CLASSES (by %)

1942	70 year	\$50,000	25%
1947	65 year	\$1,410	45%
1952	60 year	\$20,725	63%
1957	55 year	\$75,193	70%
1962	50 year	\$10,725	64%
1967	45 year	\$13,025	53%
1972	40 year	\$23,740	46%
1977	35 year	\$46,340	47%
1982	30 year	\$29,355	43%
1987	25 year	\$19,780	36%
1992	20 year	\$7,385	30%
1997	15 year	\$4,833	24%
2002	10 year	\$17,197	27%
2007	5 year	\$1,898	12%
TOTAL		\$2,874,664	45%

REUNION CLASS GIVING

TOTAL (by \$) & TOTAL (by %)

'88 Medical Ira Allen Society (\$1,000+)

Denise LaRue
Renee Sokol Lefland
David Raymond Park, III
Julie Ruggieri Park
Mark Alan Schmetz
H. James Wallace, III

Contributors

Laura Ann Bellstrom
Heather Joy Bevan
Sharon Marre Campion
Wendy Skerritt Cathcart
John G. Devine
Frank Anthony DiFazio
Irene Flatau
Daniel Mark Friedland
Argilla Rose George
Lesile Greta Goransson
Elizabeth Doble Holby
Mark Lewis Hoskin
Elizabeth Howard Jillson
Kenyon Warren Jones
John Eric Koella
Katherine J. Little
Roger Kennedy Low
Lucy McKeon
Joseph Dean Nasca
Art Papier
Hannah Shore Powell
James Pritchard Rines
Victoria Weeks Rogers
Eric Tamerlane Shapiro
Judy Fried Siegel
Jeffrey Michael Slaiby
Judith Austin Strohbehn
Kris Strohbehn
Susan Lee Voci
Heather Amanda Wolfe
Lawrence I. Wolk

Participation 44%
Total..... \$14,183
Agent H. James Wallace, III
Agent Lawrence I Wolk

'89 Medical Ira Allen Society (\$1,000+)

Catherine Josephine Cantwell
Robert Alan Cheney

Janice Mary Gallant
Suzanne Farrow Graves
Dean George Mastras
Cornelius John McGinn
Keith Michael Shute

Contributors

Judith Ford Baumhauer
Ronald Edward Chicoine
Lisa Michele Cohen
Mary Cushman
Stephen Joseph Davis
Wayne J. Farnsworth
Joel Alexander Forman
Pamela Cox Gibson
Kelly Jane Hill
Eric Paul Kohler
Judith Lynne Lewis
Kathryn Grunes Moss
Martha Jane Moulton
Peter M. Nalin
Sarah Ann Ormsby
Adam Bennett Pass
Elke Pinn
Sheila Ellen Ryan
Peter Jon Tesler
Bradford Stillman Weeks
Elizabeth Sosna White

Participation 33%
Total..... \$21,249
Agent Peter M. Nalin

'90 Medical Ira Allen Society (\$1,000+)

Michael Dana Butler
Elizabeth Conklin

Contributors

Scott Adelman
John Adams Alley
Christopher Jon Bigelow
Paula Jo Carbone
Nancy Elizabeth Cornish
Paul Edward DeMeo
Mary Zeile Dill
Scott John Fabozzi
James Barry Gagnon
Scott Ralph Granter
Robert Alan Highland
Donna Marie Kiley

Eric Charles Knight
Philip Ray Lapp
Jeffrey H. Lawson, Ph.D
Jennifer Mah Lawson
Michael Leo Lyons
Holly Louise McDaniel
Robert Bryant McLafferty
Erica Elizabeth Nelson
Francis Joseph Nolan
Christopher J. O'Grady
Sara Jane Packard
Daniel Catlin Pierce
Susanne H. Purnell
Roland Roger Rizzi
Lisa Lanzarone Saunders
Maria Adriana Schoen
Debra J. Shuma-Hartswick
Daniel Scott Zapson

Participation 34%
Total..... \$9,763
Agent Barbara Angelika Dill

'91 Medical Ira Allen Society (\$1,000+)

B. J. Beck
Margaret Bunce Garahan
Alan Kevin Stern

Contributors

Maria C. Aveni
Mary Harkins Becker
Peter Joseph Bellafiore
Stephanie Briggs
David C. Brunelle
Peggy A. Carey
Mark Charles Cascione
John Dewey
Catherine Welch Dinauer
Charles Gordon Goldberg
Philip Jay Katzman
Stephen M. Koller
Dale Jeanne LaCroix
Maryann Montemarle LoMonaco
Linda C. Lynch
Stephen B. Mason
Theodora Jeanne Nelson
Stephen Takeo Nishiyama
Laura Mary Norris-Deady
Kimberley L. O'Sullivan
David Harris Peel

James Brian Powers
Christopher Martyn Quinn
Charles Henry Salem
Deborah Ann Spaight
Kellie A. Sprague
Geoffrey Edward Starr
George Nicholas Welch
Judy L. Welch
Michael Peter Zacks

Participation 39%
Total..... \$9,195
Agent John Dewey

20-YEAR REUNION

'92 Medical Ira Allen Society (\$1,000+)

Andrew Scott Ellowitz
John Nicholas Julian

Contributors

Paul Afek
John Joseph Albertini
Gillian Margaret Betterton
Charles Adam Blotnick
Carolyn Mulcahy Couture
David Michael Holmes
Lucy Chue-Yin Holmes
Bryan Matthew Huber
Shirlene Jay
Heidi M. Larson
Yolanda Glogowski Lawrence
Martin Devroe McCarter
Kenedy Kathryn McQuillen
David Gary Nelson
Stephen O'Donnell
Katherine Ray
Jennifer Podolnick Rowley
Patrick Joseph Rowley
Gregory David Russell
Janice Coflesky Saal
Patricia Maria Sequeira
Lori Ann Sheporaitis
Kirsten Lyn Wolff
Jennifer Lee Woodson

Participation 30%
Total..... \$7,385
Agent Mark Eliot Pasanen

Nicholas James Kenyon
Eric Mukai
Craig David Nielsen
Manisha Ami Patel
Maureen Glennon Phipps
Seth Alan Rafal
Holiday Kane Rayfield
Ann Talbot Schwartz
Laurie Ann Small
Heather Renee Sobel
Eric Stephen Stram
Michael Dodds Upton

Participation 21%
Total..... \$5,739
Agent Holliday Kane Rayfield

'95 Medical Ira Allen Society (\$1,000+)

Pamela Lynne Jones
Holly Slattery Mason
Theodore Philip Mason
Tracy P. T. Tram
Warren E.A. Wulff

Contributors

Deborah Hicks Abell
Allyson Miller Bolduc
Peter George Christakos
Robert Louis Cloutier
Sarah Perkins Dahl
Amy E. Ferguson-Kantola
Kendra Hutchinson
Leslie Susanne Kerzner
Brian Jay Levine
Amy Erin McGarry-Jackson
Nicola S. Rotberg
E. Brooke Spencer
Aaron Saul Stern
Lynne Maria Tetreault
Lynn Hietala Wickberg
Douglas Robert Wood
Laurie Elizabeth Yntema

Participation 25%
Total..... \$9,958
Agent Allyson Miller Bolduc

'96 Medical Ira Allen Society (\$1,000+)

Janna Lyn Doherty
Anne Marie Valente
William Campbell Wallace

Contributors

Kim Bruce Abell
Kristen Audra Atkins
Jennifer Luria Bolduc
Thomas G. Bolduc
Michele E. Brogunier
Kimberly Masayo Bruno
Kathryn Bossolt Cambron
Danette Terese Colella
Michael Goldstein
Anders G. Holm
Sandra E. Kapsalis
M. Elizabeth Knauf
Carol Kuhn
Audra J. Kunzman-Mazdzer
Jennie Ann Leach
Amy Roberts McGaraghan
Brian Michael Nolan
B. Payson Oberg-Higgins
Trent Woodson Pansze
Mark William Ramus
Robert Stoppacher
Mark Alan Vining
Maziar Zamani

Participation 28%
Total..... \$8,935
Agent Anne Marie Valente
Agent Patricia Ann King

15-YEAR REUNION

'97 Medical Ira Allen Society (\$1,000+)

Steven Andrew Battaglia
Alexander Kendall Hughes

Contributors

Charlotte Eielson Ariyan
Michael August Binette
Daniel Isadore Cordas
Stephen DeVita
Julianne Yantachka Icatar
Beth Ann Jensen
Jason Anthony Lyman
Nasreen Malik
Amy Hazelton Martin
Jonathan Edward Martin
Victoria J. Noble
Lucien Reginald Ouellette
Dianne Elizabeth Sacco
Francis Davis Shih
David Frederick Smail, Jr.
Julie Clifford Smail
Daniel Franco Sousa
Christopher John Stromski
Joanna Smith Weinstock
Elizabeth Orme Westfall

Participation 34%
Total..... \$9,879
Agent Everett Jonathan Lamm
Agent Deanne Dixon Haag

'00 Medical Ira Allen Society (\$1,000+)

Monica Claire Fiorenza
Felicia A. Smith

Contributors

Jay Edmond Allard
Matthew Daniel Benedict
Mary Dickinson Chamberlin
Anne Nieder Clegg
Laura Aman Greene
Allison K. Harbour
Gregory Scott Hunt
Christine Waasdorp Hurtado
Jennifer Kelley Ladd
Prudence Bonita Lam
Deborah Bowers Lang

Halleh Akbarnia
Gretchen Holt Allen
Reono Bertagnolli
Carole Elizabeth Bibeau
Stuart Vasche Braun
Anne Elizabeth Brena
Tamara Elizabeth Chittenden
Joyce M. Dobbertin
Elizabeth Grace Doherty
Erika Tapman Fellingner
Dorothy Young Fisher
Glen J. Ha
Anne Griffith Hartigan
Kathleen Ann Herlihy
Matthew Mingshun Hsieh
Colleen Elizabeth Kelly
John Duncan Lloyd
Benjamin A. Lowenstein
Scott Edward Musicant
Shardul Ashwin Nanavati
Seong Sik Park
Amy Floor Parker
James Prescott Parker
Tasha Ann Worster

Participation 27%
Total..... \$4,725
Agent Halleh Akbarnia

'99 Medical Ira Allen Society (\$1,000+)

Jane Chang
Kristopher Russell Davignon
Fernando Fan
Stephen Gerard Hassett

Melanie Collier Lawrence
Karen Ann Le Comte
Naomi R. Leeds
David Knight Lisle
Jennifer Webster Lisle
Nicole Amato Nalchajian
Steven R. Partilo, MPH
Shilpa J. Patel
Jennifer Ann Reidy
Amy Doolan Roy
Sally Jin Wang

Participation 25%
Total..... \$6,850
Agent Jay Edmond Allard
Agent Michael Jim Lee
Agent Naomi R. Leeds

'01 Medical Ira Allen Society (\$1,000+)

Gregory Joseph Anatol Murad
Dennis V. Pham

Contributors

Cydney Horsley Cox
Timothy Scott Dominick
Ladan Farhoomand
Gretchen Marie Gaida Michaels
Barbara Vinette Gannon
Marguerite Cadwallader Gump
Emily Cope Harrison
Brad R. Huot
Emily J. June
Jeanne Lister MacDonald
Jennifer Juhl Majersik
JoAn Louise Monaco
Ann Parks Murchison
Gretchen Anna Pianka
Matthew D. Proctor
Jin Chul Pyun
Kerry Anne Scully Proctor
Steven Geoffrey Simensky
Tae K. Song

Participation 23%
Total..... \$5,111
Agent Ladan Farhoomand
Agent Joel W. Keenan
Agent JoAn Louise Monaco

10-YEAR REUNION

'02 Medical Ira Allen Society (\$1,000+)

Hunter Geoffrey Brumblay
Andrew Jackson Goodwin, IV
Jonathan Vinh Mai
Thuan T. Nguyen
Ibrahim A. Ormeis
Anand Parthasarathy

Young Alum Patrons (\$250–\$999)

Ghazaleh Zardoost Aram
Teresa Ann Fama
Gregg Daniel Fine
Walter E. McNally
Grace K. Moy
Joshua Barrett Rogers
Anand Parthasarathy

Contributors

Jennie Stover Champion
Babak Fardin
April Malia Hirschberg
Ronald Edward Hirschberg
James Edward Janik
Caroline Bullock Lyon
Mariah McNamara
Elizabeth Ann O'Brien
Kristen Kelly Pierce
Mary O'Leary Ready
Thomas Merriam Renaud
Pearl Schloff Riney
Christine Mary Staats

Participation 27%
Total..... \$17,197
Agent Jonathan Vinh Mai
Agent Kerry Lee Landry
Agent Mary O'Leary Ready
Agent Maureen C. Sarle

'03 Medical Ira Allen Society (\$1,000+)

Jacqueline Panko

Young Alum Patrons (\$250–\$999)

Duc Thu Do
Michael Gurell
Todd Richard Howland
William A. Kennedy, III



Alumni and students at Reunion 2012.

Contributors

Jennifer Bergeron Carlson
Rima Beth Carlson
Sarah Jean Conlon
Renee M. Fay-Leblanc
Scott Thomas Goodrich
Emily Aikenhead Hannon
James Nathan Horstmann
Sara Howland Horstmann
David M. Leavitt
Hannah Sidney Mitchell
Suzanne Margarita Palinski
Stacey L. Valentine

Participation **19%**
Total..... \$5,370
Agent Omar Khan
Agent Scott Goodrich

'04 Young Alum Patron (\$250–\$999)

Shuriz Hishmeh

Contributors

Carolyn Elizabeth Come
Diane Jean Hakey
Rebecca C. Hunt
Stephanie S. Kehoe
Steven David Lefebvre
Nicole Patricia Piscatelli
David Carmine Scalzo
Faye Blacker Serkin
Mary Alice Vadnais

Participation **11%**
Total..... \$1,540
Agent Jillian Sullivan
Agent Stephen Lefebvre

'05 Young Alum Patron (\$250–\$999)

Marta Zofia Bator
Roshelle J. Beckwith
Carolyn J. Brenner
Robert G. Congdon
Sarah Ann Czok
Jennifer Chuang Daly
Jason Dana Heart Dunleavy
Rachel Elizabeth Gaidys

Krista Nightingale Haight
Jacob W. Lilly
Kristina Eileen McAteer
Shaun Robert Miller
Michelle T. Pahl
Seth R. Podolsky
Gina Deanne Trachimowicz

Participation **17%**
Total..... \$1,240
Agent Julie Alosi
Agent Richard J. Parent

5 - YEAR REUNION

'06 Young Alum Patron (\$250–\$999)

Lauren Jane Massingham

Contributors

Leslie S. Bradford
Anya Maurer Chandler
Wells Michel Chandler
Ashley L. Clark
Abigail A. Donaldson
Webb Ellis Long
Michelle Jennifer Mertz
Logan Young Murray
Jessica E. Panko
Mattie Elizabeth Towle

Participation **11%**
Total..... \$810
Agent William C. Eward
Agent . Deborah Rabinowitz Abrams

'07 Young Alum Patron (\$250–\$999)

Gabrielle A. Jacquet
Nathan Guthrie Orgain
Sara Margaret Pope
Matthew Schreiber

Contributors

Anne Coates
Allison Beth Collen
Audrey Helen Collins
Gregory John Connolly

Leah McLane Costello
Kurt H. Kelley
Amanjit Kaur Sekhon-Atwal
Eric Morris Suess

Participation **12%**
Total..... \$1,898
Agent Allison Collen
Agent Scot Millay
Agent Anne Coates

'08 Contributors

Gregory C. Manske

Participation **1%**
Total..... \$25
Agent Mark Hunter
Agent Alyssa Wittenberg
Agent Ashley Zucker

'09

Agent Rebecca Brakeley
Agent Kate Murray Mitchell
Agent Campbell Stewart

'10 Contributors

Whitney Dotzler Barkhuff
Kristen VanWoert Connolly

Participation **2%**
Total..... \$38
Agent Michael Alavian
Agent Pei Chen
Agent Heidi Schumacher

'11 Contributors

Matthew John Meyer
Shailen Mhapsekar
Caroline Moats-Geer

Participation **3%**
Total..... \$80
Agent Carrie Moats
Agent Nicholas Aunchman

'12 Contributors

Maura J. Adams
Laura Ann Anderson
Claire Kathryn Ankuda
William Joseph Ares
Loren M. Babirak
Megan Watts Berube
Meghan Ryan Beucher
Renee Naomi Bratspis
Marissa G. Bucci
Maria Burnett
Patrick O. Butsch
Mr. Carl K. Cappelletti
Daniel Carballo
Jessica H. Chao
Brandon Clifford Chapman
Emily C. Colgate
Joanna Lin Conant
Francisco Jaime Corbalan
Kelly M. Cunningham
Adam Joseph David
Shannon Leigh DeGroff
Laura C. DePouli
James Donald Dunlop
Angela Dunn
Theresa Duong
Andrew Larson Erb
Kira Lisa Fiset
Alex Kelsey Folkl
Mei Lee Frankish
Colleen Rogers Gerrity
Holly N. Gungan
Piyush Gupta
Michael R. Hart
Lincoln Burns Heath
Erin Nicole Hickman
Matthew T. Hoffman
Alycia D. Horn
Melissa Marotta Houser
Derek Huang
Molly Elisabeth Hubbard
Patrick Huffer
Anne Elizabeth Kamarchik
Laurel Stephanie Karian
Brendan S. Kelley
Jessie Araminta Kerr
Hany M. Khattab

Daniel Dae Kim
Benjamin J. King
Suleiman N. Lapalme
Michael Yves Larochelle
Nicholas Alain Larochelle
Auna Otts Leatham
Mckalyn Garrity Leclerc
Brock Donald Libby
Tri Luu
Michael Anthony Maccini
Megan P. Malgeri
Ronald P. Masson
Katherine M. McBride
Rachel K. McEntee
Michael D. McQuiggan
Elizabeth Ann Mebrate
Maria Christine Michael
Amanda B. Miller
Martha Choate Monson
Michael Paul Morwood
Semeret Tadios Munie
Catherine R. Mygatt
Lindsay Anne Nadeau
Sharif Roman Nankoe
Jenny T. Nguyen
Isaac J. Noyes
Jonathan E. Nucum
Mimi Y. Ogawa
Johann Patlak
Lindsay Smith Peet
Kaitlin Petros
Laura E. Piper
Rebecca Jane Purtell
Marianne Sullivan Reed
Damoon Rejaei
Alyse Chong Rymer
Louisa Salisbury
Nolan Arthur Sandygren
Steven Christopher Schaub
Zea L. Schultz
Danielle P. Scribner
Tessa B. Scripps
Makeda Semma
Meghan Ann Small
Ryan L. Smith
Jennifer A. Springer
Andrea Michelle Steely
Mariah H. Stump
Cheddh J. Thomas
William D. Timbers
Michael E. Visker
Nathaniel Joseph Ward
Scott Warhit
Scott Michael Wasilko
Eleonore Pettit Werner
Khine Z. Win
Jessica Solomon Wood
Eric Nathan Worthing
Joseph Yared
Asha Zimmerman

Participation **100%**
Total..... \$264
Agent Melissa Marotta Houser
Agent Auna Leatham
Agent Meghan Beucher
Agent Martha Choate Monson

100%

Class Awards — 2012

Awarded by the students to departments, faculty, and staff.

Foundations Teacher of the Year

William E. Hopkins, M.D.

Foundations Course Director of the Year

William E. Hopkins, M.D.

Outstanding Foundations Course

Cardiovascular, Respiratory
and Renal Systems

The Dean Warshaw Integration Award

Richard Salerno, M.D.

The Silver Stethoscope Award

Lewis First, M.D.

Above and Beyond Award

Ellen Black, Ph.D.

Outstanding Teaching Assistant

Michael Goedde, M.D.

Outstanding Department

Pathology

American Medical Student Association

Golden Apple Award

William E. Hopkins, M.D.

American Medical Women's Association
Gender Equity Award

Jean Szilva, M.D.

Colette Award

Mike Cross

Howe Outstanding Teacher Award

John Fortune, M.D.

Clinical Teacher of the Year

Lewis First, M.D.

Clinical Department of the Year

Surgery

Resident of the Year

Vincent Masse, M.D.



Above left: William Hopkins, M.D., was the 2012 Foundations Teacher of the Year, and the recipient of the AMSA Golden Apple Award. Above Right: Ellen Black, Ph.D., Was awarded the Above and Beyond Foundations Award for 2012.

Class of 2012 Academic Awards and Honors

The Alpha Omega Alpha Honor Medical Society

Students elected to this honor society, in the opinions of their classmates and the faculty, have given promise of becoming leaders in their profession.

William Ares
Renee Bratspis
Marissa Bucci
Brandon Chapman
Jessica Chao
Laura Depouli
James Dunlop
Patrick Huffer
Mckalyn Leclerc

Michael Morwood
Michael Maccini
Martha Monson
Lindsay Nadeau
Isaac Noyes
Alyse Chong Rymer
Zea Schultz
Scott Wasilko
Eleonore Werner

The Gold Humanism Honor Society

Students elected to this honor society are recognized for their demonstrated excellence in clinical care, leadership, compassion, and dedication to service.

W. Tristram Arcsott
Meghan Beucher
Renee Bratspis
Martha Choate
Mei Lee Frankish
Lincoln Heath
Alycia Horn
Patrick Huffer
Hany Khattab
Benjamin King

Auna Leatham
Mckalyn Leclerc
Megan Malgeri
Melissa Marotta Houser
Michael McQuiggan
Semeret Munie
Isaac Noyes
Johann Patlak
Louisa Salisbury
Mariah Stump



Meghan Beucher, M.D.'12 is a Gold Humanism Society member.

The Ellsworth Amidon Award for outstanding proficiency
in Internal Medicine

Steven Schaub

The David Babbott, M.D. "Caring and Seeing" Award for
compassion in medicine

Patrick Butsch

*The Dean William Eustis Brown Award

for broad cultural interests, and loyalty to the
College of Medicine
Jesse Kerr

The Ernest H. Buttles Award for excellence in Pathology

Alyse Chong Rymer

The Carbee Award for academic excellence in Obstetrics,
Gynecology and Reproductive Sciences
Martha A. Choate



William Ares, M.D.'12 was awarded the first place Demeules Surgical Research Prize, and is also an Alpha Omega Alpha Honor society member.

PROFILE IN GIVING



100 Percent Commitment — Class of 2012

Though it may be one of the nation's smaller medical schools, the College of Medicine regularly stands at the top of the charts for alumni support: nearly 40 percent of the school's living alumni annually contribute to help it fulfill its missions in education, research, patient care and community involvement. The latest class to graduate from the College continues that tradition in high style. Though the Class of 2012 members, as they enter their residency years, may not be in a position to give large amounts at this point in their career, they have all already supported their alma mater in some degree, bringing their class participation level to a perfect 100 percent — a tribute to the value they place on the education they have received.

Class of 2012 Academic Awards and Honors (continued)



Alyse Chong Rymer, M.D.'12 received the Mazuzan Award in anesthesiology, the Buttles Ward in pathology, the Wasserman Phorplus Scholarship Prize, and was an Alpha Omega Alpha Society member.

The Harry Howe, M.D.'52 Senior Student Award for excellence in Surgery
Brandon Chapman

The Kerzner Family Prize for service to the community
Joseph Elias Yared

***The Lamb Fellowship Award** for best exemplifying concern and care for the total patient
Melissa Marotta Houser

The John V. Maeck, M.D.'39 Robe Recipient for overall excellence in Obstetrics, Gynecology and Reproductive Sciences
Martha A. Choate

The Maine Medical Center Surgery Clerkship Award for best demonstration of the combination of academic ability, leadership and compassion while on the Surgery Clerkship
Nicholas Larochele

The Herbert Martin Sr., M.D. Award for excellence in Neurology
Jessica Chao

The John E. Mazuzan Jr., M.D.'54 Award for excellence in Anesthesiology
Alyse Chong Rymer

The Medical Student Prize for excellence in Neurology
Patrick Huffer

The H. Gordon Page, M.D.'45 Award for excellence in Surgery
Andrew Erb Andrea Steely

The Pilcher Award for representing the qualities of Eleanor & Lewis Pilcher of devotion to family and patients, with a high regard for ethics and honesty.
Laurel Karian

The Radiology Achievement Award for excellence in Radiology
Marianne Reed

The Durwood Smith Award for excellence in Pharmacology
Renee N. Bratspis

The Charles T. Schechtman, M.D.'26 Award for Clinical Excellence
Marissa Bucci Brandon Chapman

The Society for Academic Emergency Medicine Award for excellence in Emergency Medicine
Auna Leatham

The Ralph D. Sussman, M.D.'38/Medical Alumni Award for excellence in Pediatrics
Michael Hart

The William Sweetser Award for excellence in Psychiatry
Michael McQuiggan

The David M. Tormey Award for perseverance in the pursuit of medical education
Mariah Stump Alycia Horn

The Joseph B. Warshaw Scholarship Award for M.D.-Ph.D. thesis excellence
Ian Odell

The Henry & Phyllis Wasserman Phorplus Scholarship Prize for excellence in the Basic Sciences

Renee N. Bratpis Martha A. Choate
Marissa Bucci Alyse Chong Rhymer
Jessica Chao Tyler Stewart

The Laura Weed, M.D. Award for qualities of excellence, service, and commitment in Internal Medicine
Laura Depouli

***The Wellness Award**, from the Committee on Medical Student Wellbeing, for a peer-nominated student who has been an asset to his or her classmates and displayed sincere dedication to helping others during his or her medical education.
Melissa Marotta Houser

The Ephraim Woll Award for excellence in General Pathology
Marissa Bucci

The Leonard Tow Humanism in Medicine Awards presented by The Arnold P. Gould Foundation for excellence in both compassionate patient care and scientific achievement
Student Award: Melissa Marotta Houser
Faculty Award: Christa Zehle, M.D.



Patrick Huffer, M.D.'12 received the Medical Student Prize for excellence in neurology and the Friedman Award for family medicine.

** indicates awarded by vote of the class*



Melissa Marotta Houser, M.D.'12, who received the Lamb Fellowship, Tow Humanism in Medicine, and Wellness awards, gave the student address at graduation in May 2012.

Named Lectureships

As of June 30, 2012.

John Abajian, Jr.—John E. Mazuzan, Jr.
Endowed Lectureship in Anesthesiology

Arnold H. Colodny, M.D.
Visiting Professorship in Pediatric Surgery

John H. Davis, M.D.
Endowed Lectureship in Surgery

E. Stanley Emery
Endowed Lectureship in Pediatric Neurology

Stanley S. Fieber, M.D.'48
Annual Lecture in Surgery

Bruce A. Gibbard, M.D.
Endowed Lectureship in Psychiatry

Madison Jaurigue
Endowed Lectureship in Neurosurgery

Samuel B. & Michelle D. Labow
Endowed Lectureship in Surgery

Albert Mackay, M.D.'32 and H. Gordon Page, M.D.'45
Annual Lecture in Surgery

Richard M. Narkewicz, M.D.'60
Endowed Lectureship in Pediatrics

Hillel S. Panitch
Endowed Lectureship in Neurology

George A. Schumacher, M.D.
Endowed Lectureship in Neurology

Steven R. Shackford, M.D.—Samuel B. Labow, M.D.
Endowed Lectureship in Quality

Norman J. Snow, M.D.'70
Annual Lecture in Thoracic Surgery

Martin H. Wennar, M.D.
Lectureship in Professionalism



An endowed lectureship in pediatrics is named for the late Richard Narkewicz, M.D.'60, who died in February 2012.

Endowed Chairs & Professorships As of June 30, 2012. Listed chronologically by year created.

The Thayer Professorship in Anatomy (1910)
Rodney L. Parsons, PhD

Elliot W. Shipman Professorship in Ophthalmology (1934)
Vacant

Ernest Hiram Buttles, MD'08 Chair in Pathology (1984)
John Lunde, MD

McClure Professorship in Musculoskeletal Research (1987)
Bruce Beynnon, PhD

E.L. Amidon, MD'32 Chair in the Department of Medicine (1989)
Polly Parsons, MD

Harry W. Wallace Professorship in Neonatology (1995)
Roger F. Soll, MD

Henry and Carleen Tufo Chair in General Internal Medicine (1999)
Benjamin Littenberg, MD

S.D. Ireland Family Professorship in Surgical Oncology (1999)
David N. Krag, MD

Roger H. Allbee, MD'31 Professorship in Surgery (2000)
Vacant

Robert B. and Genevieve B. Patrick Chair in Nephrology (2000)
Richard Solomon, MD

John Van Sicklen Maeck, MD'39 Chair in Obstetrics and Gynecology (2000)
Ira Bernstein, MD, assumed the chair from Mark Phillippe, MD, in July 2012

Stanley S. Fieber MD'48 Chair in Surgery (2002)
Vacant

Duncan W. Persons, MD'34 Green & Gold Professor in Ophthalmology (2003)
Brian Kim, MD

Cordell E. Gross, MD Green & Gold Professor in Neurosurgery (2005)
Bruce Tranmer, MD

Mary Kay Davignon Green & Gold Professor (2005)
C. Lawrence Kien, MD, PhD

John P. and Kathryn H. Tampus Green & Gold Professor in Radiology (2005)
Christopher Filippi, MD

Albert G. Mackay, MD'32 and H. Gordon Page, MD'45 Professor in Surgical Education (2005)
James Hebert, MD

Samuel B. and Michelle D. Labow Green & Gold Professor in Colon & Rectal Surgery (2005)
Neil Hyman, MD

A. Bradley Soule and John Tampus Green & Gold Professor in Radiology (2005)
Jeffrey Klein, MD

R. James McKay Jr., MD Green & Gold Professor in Pediatrics (2005)
Marshall L. Land Jr., MD

Jerold F. Lucey, MD Chair in Neonatal Medicine (2007)
Jeffrey Horbar, MD

Thomas M. Achenbach Chair in Developmental Psychopathology (2007)
James J. Hudziak, MD

Irwin H. Krakoff, MD Green & Gold Professor in the Vermont Cancer Center (2007)
Claire Verschraegen, MD

Robert A. Pierattini, MD Green & Gold Professor (2008)
Vacant

Roy Korson, MD and Lorraine Korson, MS Green & Gold Professor of Pathology (2011)
Vacant



Neil Hyman, M.D.'84 (right), pictured with Samuel Labow, M.D., is the Labow Green & Gold Professor.



The College of Medicine 2012 Lerner Scholars benefit from the longstanding generosity of Robert Lerner, M.D.'42.

Student Assistance

We are grateful to the supporters of the following funds that provide financial assistance to medical students at the University of Vermont College of Medicine.

Benjamin Adams, M.D.'1909 Loan Fund
 Ellice M. Alger, M.D.'93 Memorial Scholarship Fund
 Donato Anthony Astone, M.D.'24 Medical Endowed Scholarship Fund
 David Babbott, M.D. Caring & Seeing Award Endowed Fund
 Elinor Bergeron Tourville Bennett Loan Fund
 Peary B. Berger, M.D.'36 Medical Scholarship Fund
 John L. Berry, M.D.'29 and Kathleen V. Berry Fund
 Albert Blenderman, M.D.'43 Medical Endowed Scholarship Fund in memory of Margaret Morse Blenderman
 Moses D. Carbee Scholarship Fund
 Lewis Chester, M.D.'38 Medical Scholarship Fund
 Margaret & Charles Clark Scholarship Fund
 Leo C. Clauss Scholarship
 Roger S. Colton, M.D.'58 Endowed Scholarship Fund
 Jack & Gertrude Cooper Scholarship Fund
 Lucien J. Côté, M.D.'54 Endowed Scholarship Fund
 Dahl-Salem Family Endowed Scholarship Fund
 Dwight C. Degette Fund
 Harriet Dustan, M.D.'44 Scholarship Fund
 Willey Ely Scholarship Fund
 Grover Emery Scholarship Fund
 John W. and John Seeley Estabrook, M.D.'33 Fund
 Edward Vincent Farrell, M.D.'10 Scholarship Fund
 Finance Authority of Maine
 Jean and Wilfrid Fortin, M.D.'61 Scholarship Fund
 Freeman Foundation Medical Scholars Program Fund
 Freeman Foundation Legacy Medical Scholarship Program Fund
 Amos Ginn Medical Scholarship Fund
 Alan Godfrey, M.D.'27 and Helen Godfrey Scholarship Fund
 The Margaret S. and Manfred I. Goldwein, M.D.'54 Memorial Scholarship Fund
 James Roby Green, M.D.'70 Scholarship Fund
 Harold Haskel, M.D.'21 Scholarship Fund
 Edward Hawes Scholarship Fund

Hebert Family Scholarship Fund
 Clifford Herman Class of '59 Endowed Scholarship Fund
 Robert H. & Cynthia K. Hoehl Scholarship Fund
 Harry E. Howe, M.D.'52 and Theo O. Howe Endowed Scholarship Fund
 Perley A. Hoyt, M.D. Scholarship Fund
 Robert W. Hyde, M.D. Medical Scholarship Fund
 Simon and Hannah Josephson Scholarship Fund
 Bernard M. Kaye, M.D.'47 Scholarship Fund
 John P. Keane, M.D.'65 Medical Student Grant Fund
 Edith Kidder Scholarship Fund
 Martin J. Koplewitz, M.D.'52 Scholarship Fund
 Kenneth and Bessie Ladeau Trust
 Austin W. Lane, M.D.'21 and Janet C. Lane Scholarship Fund
 Robert Lerner, M.D.'42 Loan Fund
 Dr. Aldo J. Leani & Marguerite D. Leani Scholarship Fund
 William H. Luginbuhl, M.D. Scholarship Fund
 John Van Sicklen Maeck, M.D.'39 Scholarship Fund
 Bruce R. MacKay & Phyllis Davis MacKay Endowed Scholarship Fund
 Maine Medical Association
 John E. Mazuzan, Jr., M.D.'54 Endowed Scholarship Fund
 P.E. McSweeney Scholarship Fund
 Michael J. Moynihan, Sr. Medical Scholarship Fund
 George Mumane, M.D.'17 Scholarship Fund
 National Health Service Corps Scholarship Program
 John Ordonaux Scholarship Fund
 Carlos G. Otis, M.D.'37 Medical Scholarship Fund
 Hannah Hildreth Pendergast, M.D.'49 Memorial Medical Grant Fund
 George and Frances Phillips Memorial Fund
 Dr. U. R. and Joseph Plante Endowed Scholarship Fund
 John Poczaubut, M.D.'41 and Theia Poczaubut Medical Scholarship Fund
 Hortense A. Quimby Scholarship Fund
 Dr. Shepard Quinby Medical Scholarship Fund

Eva C. Quitt Medical Student Grant Fund
 Jonathan Harris Ranney, M.D.'09 and Zilpah Fay Ranney Scholarship Fund
 Robert Richards, M.D.'54 Scholarship Fund
 Herbert P. Russell Scholarship Fund
 Winston A.Y. Sargent, M.D.'30 Loan Fund
 Winston A.Y. Sargent, M.D.'30 Medical Scholarship Fund
 Charles Schechtman, M.D.'26 and Sylvia Schechtman Scholarship Fund
 Ruth Andrea Seeler, M.D.'62 Medical Endowed Scholarship Fund
 Edward J. Sennett, M.D.'43 Endowed Scholarship Fund
 Peter Shammon Scholarship Fund
 C. V. Starr Medical Scholarship Fund
 Bartlett H. and Mable L. Stone Scholarship Fund
 William C. Street, M.D.'59 Endowed Scholarship Fund
 F.D. Streeter Scholarship Fund
 Michael & Hedwig Strobbe Endowed Scholarship Fund
 Alfred J. Swyer, M.D.'44, Medical Scholarship Fund
 Henry Tinkham Scholarship Fund
 Leo E. and Ruth C. Tracy Fund
 E. Turgeon Scholarship Fund
 United States Army Medical Scholarship Program
 United States Air Force Medical Scholarship Program
 United States Navy Medical Scholarship Program
 United States Primary Care Loan Program
 University of Vermont College of Medicine Fund
 University of Vermont College of Medicine Dean's Fund
 University of Vermont Medical Alumni Association Scholarship Fund
 Louis L. and Mary C. Vayda Endowed Scholarship Fund
 Vermont Student Assistance Corporation
 Morris S. Wineck, M.D.'15 Medical Scholarship Award Fund
 Winokur Family Endowment Fund
 Keith Wold, M.D.'51 and Elaine Wold Medical Scholarship Fund

UVM Medical Alumni Association Challenge Scholarships



hall a

In 1905, when the College of Medicine completed its third home at the corner of Prospect and Pearl Streets in Burlington, the main lecture room was named Hall A. For the next 63 years, students (such as the members of a class in the 1950s shown below) learned the science of medicine while perched on those rows of steeply-raked wooden seats. When the College moved to the top of the hill in 1968, the designation of Hall A moved too: to a slightly more comfortable assemblage of orange-upholstered seats on the second floor of the Given Building.

Today's learning environment fits today's medical curriculum. Students take in lectures as a class in the Sullivan Classroom, and they work in small group environments and in UVM's cutting-edge Clinical Simulation Laboratory. The settings have changed, but the mission remains the same: inspiring a lifetime of learning in the service of patients. This section of *Vermont Medicine*, named in honor of that storied hall, serves as a meeting place in print for all former students of the College of Medicine.

President's Corner 66

Class Notes 67

Class Agent Directory 72

Obituaries 74



1950s



1970s



PRESIDENT'S CORNER

I've been involved in the Medical Alumni Association in some capacity since the late 1990s, which puts me in the interesting position of being both an "old timer" and the new kid on the block. New, that is, to my latest privilege: serving as the president of the Medical Alumni Association. I take over this office from someone I've

known and respected for more than 20 years: my friend and colleague, Jim Hebert, from the Class of 1977. I've watched Jim lead the committee over the past two years with his characteristic friendliness and enthusiasm. I look forward to the considerable task of matching Jim's attitude and continuing to build on all that we've accomplished in recent years.

Over the last few years, the Alumni Executive Committee has reached out geographically to get in touch with a wider range of our fellow alumni, through regional meetings in Boston and, most recently, at one of the College of Medicine's clinical teaching partners, Danbury Hospital in Connecticut. A key issue on the committee's agenda is student support. Our nation is facing an increasing shortage of physicians, and we want to do everything in our power to foster the next generation of doctors and minimize, to whatever extent we can, the effects of student debt on medical careers. This is a concern shared by us, the College's administrators, and UVM's new president, Tom Sullivan. I encourage you to explore the stories in this year-in-review issue of life at the College today, and the donors who help make that education and research possible. I'd like to particularly point out the many members of the Medical Ira Allen Society — the keystone of philanthropic support at the College.

The importance of helping the next generation was really brought home to me at this past summer's Medical Reunion, as I watched my fellow faculty member Gordie Page, M.D.'45, greet returning alumni from across the decades, most of whom had known Gordie as a teacher and mentor. That's the unique bond that we build as physicians and learners, handing down our knowledge and skills from one generation to the next. Through our medical alma mater, we build a lasting legacy for our patients. I look forward to helping construct at least a small part of that.

Mark E. Pasanen

Mark Pasanen, M.D.'92
Associate Professor of Medicine



MEDICAL REUNION MAY 31–JUNE 2, 2013

1943	1953	1963	1973	1983	1993	2003
1948	1958	1968	1978	1988	1998	2008

The University of Vermont Foundation

MEDICAL DEVELOPMENT & ALUMNI RELATIONS OFFICE

Interim Team Leader — Medical Development & Alumni Relations; Vice President and Chief Operating Officer, UVM Foundation
Shane Jacobson

Director, Annual Giving
Sarah Keblin

Senior Director, Major Gifts
Manon O'Connor

Director, Medical Alumni Relations
Cristin Gildea

Director, Administration
Ginger Lubkowitz

Assistant Director, Annual and Major Gifts
James Gilbert

Assistants
Jane Aspinall
Trish Hartigan

University of Vermont Medical Alumni Association

ALUMNI EXECUTIVE COMMITTEE

Officers (Two-Year Terms)

President
Mark Pasanen, M.D.'92 (2012–2014)

Vice-President
H. James Wallace III, M.D.'88 (2012–2014)

Treasurer
Paul B. Stanilonis, M.D.'65 (2012–2014)

Secretary
Naomi Leeds, M.D.'00, M.P.H. (2012–2014)

Executive Secretary
John Tampas, M.D.'54 (Ongoing)

Members-at-Large (Six-Year Terms)
Ernest Bove, M.D.'81 (2012–2018)
Mary Cushman, M.D.'89 (2012–2018)
Betsy L. Sussman, M.D.'81 (2012–2018)
Mark Allegretta, Ph.D.'90 (2012–2016)
Suzanne R. Parker, M.D.'73 (2012–2016)
Omar Khan, M.D.'03 (2012–2016)
Ellen Andrews, M.D.'75 (2012–2016)
Don P. Chan, M.D.'77 (2012–2015)
Leslie S. Kerzner, M.D.'95 (2012–2015)
Frederick Mandell, M.D.'64 (2012–2015)

Ex Officio Member
Dean Frederick C. Morin III, M.D.

Send Us Your Stories

If you have an idea for something that should be covered in *Vermont Medicine*, please email: vmstories@med.uvm.edu.

HALL A | M.D. CLASS NOTES

If you have news to share, please contact your class agent or the Development & Alumni Relations office at medalumni.relations@uvm.edu or (802) 656-4014. If your email address has changed, please send it to medalumni.relations@uvm.edu. For complete list of class agents, please see page 72.

1940s

REUNION 2013: 1943 + 1948

'44 Gerald Haines writes that he remains "very grateful for my UVM education, and particularly the interest and support of Dr. Pete Donaghy. I miss my wife, but live in a retirement village — I have a wonderful family — academically oriented — and I even have four great-grandchildren."

'46 Howard MacDougall reports: "The great robber baron of age is still working on me but we, — Dorothy and I — are still living independently and enjoying keeping track of our grandchildren."

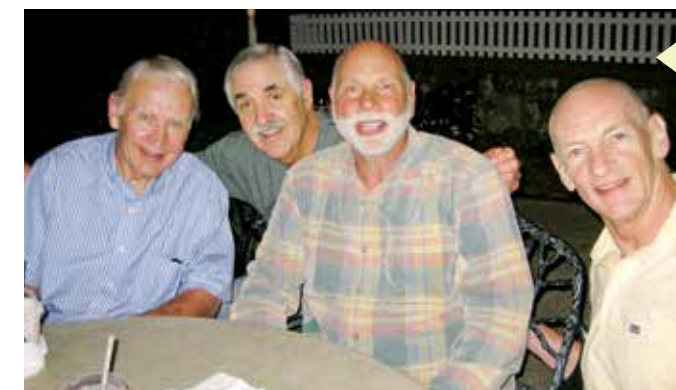
'47 Thomas M. Holcomb says that "Like the Eveready Battery Bunny, I just keep chugging along!"

1950s

REUNION 2013: 1953 + 1958

'52 William Eddy is "Finally retired (and bored) since December 2010. Had been reading films and teaching at St. Vincent Hospital (Worcester, MA) Miss it."

'59 Stanley Stein is "Still practicing pediatrics for 49 years, and have 14 grandchildren. Oldest is a student at University of Pennsylvania College of Medicine and another grandchild at Mount Sinai College of Medicine. Both are graduates of Princeton University."



Raj Chawla, UVM Med Photo

1960s

REUNION 2013: 1963 + 1968

'60 Phil Whitney reports: "On Sept 28, 2012 I passed the five-year anniversary of a Whipple surgery for cancer of the pancreas and remain tumor free at age 79."

'62 Daniel Palant was featured in a story in the Lexington (Mass.) *Minuteman* in June. The article noted that "Dr. Dan," as he was known to his young patients, practiced at Lexington Pediatrics for 41 years. "My patients are my kids. It's more than a doctor-patient relationship," said Dan, who retired at the end of June. "I care for and about them very much and I consider them my family." Dan also added a fitting tribute to his family in the article: "My greatest debt is to my family who sacrificed so much so I could spend many hours — scheduled and unscheduled, day and night — taking care of thousands of patients over the 41 years I have been in practice in Lexington," he said. "They are the true heroes."

'67 Benjamin Kropsky writes: "I retired in December 2007 as Medical Director of the Jewish Home Life Care, Bronx, N.Y. Division. I have been working part-time performing disability evaluations for New York State and enjoying our children and grandchildren. I look forward to reading *Vermont Medicine* magazine."

1970s

REUNION 2013: 1973 + 1978

'71 David R. Hootnick reports that "Our 5th and youngest child, Ben, graduated on May 20, 2012 from Hamilton College!"

Wayne Pasanen is "very proud that my son Mark, class of 1992, is President of the UVM Medical Alumni Association. Also we are pleased to have been able to contribute to the UVM College of Medicine Fund."

'76 Bonita Ann Palmer is "Enjoying semi-retirement. Working with the bilingual Ethic Committee, Palliative Care Team and the Professional Advisory group, California Pacific Medical Center Clinic at Pastoral Education. Very integrative!"

1980s

REUNION 2013: 1983 + 1988

'80 Kathryn L. Moyer writes: "Missed you all who attended the 2010 reunion and look forward to seeing you at our 35th in 2015! Have had a career change following shoulder surgeries and am no longer operating. Am now medical director for Women's Clinic & Family Counseling Center in Los Angeles, taking care of indigent women. Am also an assistant clinical professor at UCLA, enjoying the opportunity to teach medical students and OB/GYN residents. My husband Jean-Claude

A Mini 1970 Reunion

Four good friends from the Class of 1970 got together for a "fishing reunion" in September at Big Cedar Lodge in southwest Missouri. Seen in this photo are (left to right) **Ray Anton, Norm Tremblay, Phil Buttaravoli and Dan Sullivan.**

UPCOMING EVENTS

March 14, 2013

6:00 p.m.
Match Day Eve, 4th Year Dinner
Davis Student Center
UVM Campus

March 15, 2013

Noon
Match Day for Class of 2013
Hoehl Gallery, Given Building
The Match Day celebration will be viewable live away from campus via a streaming video connection. Check the College of Medicine homepage on March 15 for a link to the stream.

March 16, 2013

Spring College of Medicine Alumni Executive Committee Meeting
UVM Campus

April 12, 2013

Reception at American College of Physicians
San Francisco Marriott Marquis
San Francisco, Calif.

May 19, 2013

2:30 p.m.
Graduation
Ira Allen Chapel
UVM Campus

May 31–June 2, 2013

Medical Reunion
UVM Campus

For updates on events see:
www.uvm.edu/medicine/alumni

Jessie Kerr, M.D.'12
opens her match letter.





1985 Alumnus Recognized by President Obama

College of Medicine alumnus and urologic surgeon **Vito Imbasciani, M.D.'85**, has served as an officer in the medical corps of the U.S. Army for 26 years. A veteran of two wars, including three active duty tours in Iraq and Afghanistan, Imbasciani was recognized by President Barack Obama at a June event in Los Angeles, Calif., as a source of inspiration for his 2010 repeal of the military's "Don't Ask, Don't Tell" policy.

Imbasciani, a member of the Army National Guard, chief medical officer for the California State National Guard, and member of the California Medical Association's board of trustees, introduced the President at the June 6 event. In his introductory remarks, he said, "Thanks to the unyielding efforts of President Obama, I can serve my country openly and proudly, with my family at my side." Prior to the repeal of "Don't Ask, Don't Tell," Imbasciani, who hails from a military family, was unable to acknowledge or discuss his gay status throughout his career, and therefore unable to have his partner or children onsite upon departure for deployments or returning home from war.

Several media outlets carried stories following the event. In an ABCNews.com's "Political Punch" blog article, Imbasciani explained that his commander-in-chief's action allowed "him to finally 'be himself' after serving for 26 years."

In a news release issued by the California Medical Society, Imbasciani said "As a physician, member of the United States Army and advocate in the LGBT community, I am proud to have introduced the President at last evening's event." The release also mentioned his long history as an advocate for such issues as health care reform, veteran medical programs and improved public health policy.

In addition to President Obama and Imbasciani, the event included LGBT community leaders such as Ellen DeGeneres; Los Angeles Mayor and 2012 Democratic National Convention Chair Antonio Villaraigosa; California Attorney General Kamala Harris; Speaker of the California State Assembly John Pérez; and founder of City of Refuge United Church of Christ, Bishop Yvette Flunder.

has recovered and our Nathalie graduates from the French High School next June. Come visit us!"

'82 Ira Bernstein, professor of obstetrics, gynecology and reproductive sciences and senior associate dean for research at the UVM College of Medicine, and a specialist in maternal fetal medicine at Fletcher Allen Health Care, has been named the John Van Sicklen Maeck M.D.'39 Chair of the UVM Department of Obstetrics, Gynecology & Reproductive Sciences and physician leader of the Women's Health Care Service at Fletcher Allen.

Victor Acquista would like to tell his fellow alumni that he would "certainly appreciate any support you can offer for my recently published book: *Pathways to Health — An Integral Guidebook*. Thanks!"

'87 Helene Goldsman has surveyed her class and has a lot of news to report:

"Thank you again to everyone who wrote. I was so sorry to miss the reunion. We had an upcoming high school graduation, and there were too many events for me to leave town. The big change in my life is that my daughter went off to college at William and Mary. I have two more to go in coming years. Here are the responses I received since our last class notes installment."

From **Sue Kim-Foley** in Virginia: "Our lives seem to be rolling along at a rapid pace as our children grow and our careers mature. From a newsworthy standpoint, I am working nearly full time as a family practitioner in a multispecialty group in Chesapeake, Virginia, with a terrific patient base and the flexibility to practice medicine without a lot of interference or productivity issues. My husband, **Christopher Foley M.D.'88**, is division chief and the medical director of the PICU at the Children's Hospital of the King's Daughters in Norfolk. We are the proud parents of three great kids: Caitlin is a senior at Dartmouth College and applying to medical schools now (potential UVM Class of 2017?), Matthew is a Freshman at Bowdoin College, and Caroline is an 8th grader stuck at home with us! We had the distinct joy to visit with **Denise Soucy M.D.'87** and her lovely family in

Nobleboro, Maine on our trip north to drop Matt off at Bowdoin in August. It really struck us how much time has cascaded by, yet it was very easy settling back into our great friendship! With two children in New England, we have enjoyed re-acquainting ourselves with that part of the country and frequently entertain the idea of moving back! It is truly hard to believe that it has been 25-plus years since graduating from UVM! Our best to the Class of '87!"

Dave Stevenson wrote from New Hampshire: "I am sorry I was unable to make it to the 25th reunion. I will pass along that I am now in my seventeenth year at Concord Hospital (New Hampshire), still practicing general obstetrics and gynecology. My wife, Andrea, and I just celebrated our 23rd wedding anniversary. Our son, Ryan, is a freshman at Emory University. Our daughter, Noelani, is a high school sophomore. After retiring from the military in 2007, I was encouraged to rejoin this past fall, so I am now part time with the N.H. Army National Guard for at least a few more years. I expect a deployment in either 2013 or 2014, depending on world events."

We have two classmates in Maine who wrote: **Kathryn Bourgoïn**: "My family is doing fine. My 20-year-old Julianne transferred from Colby to UMaine. She loves it there and is a psychology major; she would like to be a clinical psychologist. I am working 22 hours a week (actually 30) due to my asthma; Dave is still an engineer at UMaine. My 15-year-old Holly is having fun at Orono High School. I still keep in touch with **Susan Luthin**. She is doing fine is Dover-Foxcroft, Maine."

From **Carol Armatis**: "After 44 years in Health Care, I'm beginning to consider changing careers. I have been a beekeeper for decades and now for the last six years have gotten into breeding and raising queens. My goal is a Maine Bee that is winter hardy for at least two years, predator-tolerant, and honey-productive.it is a wonderful challenge and adventure."

And two classmates in Massachusetts have been in touch. **Kathy Bowers** writes: "Life is hectic but good for me. I live in Concord, Mass. Married 24 years to Donald. Practice dermatology in Cambridge and Concord in nine-member practice. I am the division

chief of dermatology at Mount Auburn Hospital. Our oldest son, James, is a sophomore at Colorado College; Maria, our adopted daughter from Guatemala, is starting 5th grade. She is keeping me young, as I have to keep up with the fashions and the music. Our other family member is Nellie, our second Portuguese water dog (had the breed before the Kennedys and the Obamas). We visit Stowe every January for one of the Vermont CME courses and always visit with the **Donnellys**. I treasure my good health and can't seem to add up the correct number of years that have passed since 1987... Warm regards."

Mike Wong, is in Boston. Mike wrote: "Hope all's well. I'm still in Boston — running the Transplant Infectious Diseases section at BIDMC, and continuing to do healthcare policy work on the MA Public Health Council. I was just in Vietnam as a consultant to the PEPFAR program helping them integrate HBV and HCV screening and care into their HIV services, and still work with our Senate President and other state legislators and HHS on healthcare reform issues here in MA as well as in our governance/public health USAID project in Russia. As of this evening, I'll be winding

2013 CONTINUING MEDICAL EDUCATION CONFERENCE SCHEDULE

Hospital Medicine Conference
February 7–10, 2013
Stoweflake Hotel & Spa
Stowe, Vt.

18th Annual Perspectives in Anesthesia
March 6–10, 2013
Stowe Mountain Lodge
Stowe, Vt.

Jeffords Quality Care Symposium
September 6, 2013
Sheraton Hotel & Conference Center
Burlington, Vt.

Imaging Seminar
September 27–29, 2013
Sheraton Hotel & Conference Center
Burlington, Vt.

Breast Cancer Conference
October 4, 2013
Sheraton Hotel & Conference Center
Burlington, Vt.

Critical Care Conference
October 17–19, 2013
The Essex
Essex Junction, Vt.

Bridging the Divide
November 2013
Burlington, Vt.

FOR INFORMATION CONTACT:

University of Vermont Continuing Medical Education
128 Lakeside Avenue
Suite 100 Burlington, VT 05401
(802) 656-2292
www.uvm.edu/medicine/cme

Jessie Janowski, M.D.'10 Named VEOP Achiever

Jessie Janowski, M.D.'10, a native of Glover, Vt., recently received the 2012 Vermont Educational Opportunity Programs VEOP Achiever Award at a ceremony at Vermont Technical College. The award recognizes one outstanding former student of TRiO, a group federally funded program through the U.S. Department of Education.

Janowski was an Upward Bound student at Lyndon State College for three years before going on to Tufts University, from which she graduated with a degree in Quantitative Economics with a pre-medical minor before coming to the College of Medicine. She is now a third year resident in orthopedic surgery at Fletcher Allen Health Care.

Upward Bound at Lyndon State College has been part of the lives of two other students from the Northeast Kingdom of Vermont who have graduated from the College of Medicine in the last ten years.



Patty Waterhouse Rissacher, M.D.'05, of Craftsbury, and Casey Johnson, M.D.'11 of Groton. Upward Bound is a federally funded U.S. Department of Education TRiO program that works with modest income, first generation students through their high school years and beyond.

Janowski is pictured with Bob McCabe, former Director of Lyndon State College Upward Bound.



The Alumni Executive Committee

At the latest meeting of the Medical Alumni Association Alumni Executive Committee, held on the campus on the first weekend of October, the members of the committee who were present for a group portrait on the steps of the Courtyard at Given. Front row from left, **Don Chan, M.D., Ruth Seeler, M.D., Fred Mandell, M.D., James Wallace, M.D., Omar Khan, M.D., Mark Pasanen, M.D.** Second row, from left, **John Tampas, M.D., Mary Cushman, M.D., Ellen Andrews, M.D.,** Third row, from left, **Paul Stanilonis, M.D., Leslie Kerzner, M.D., Dean Rick Morin, Betsy Sussman, M.D.**

up ten years on the board of AIDS Action Committee (seven of which as board president). Looking forward to some vacation time and at least a few good books!"

From New York State, **Sue Sharp** wrote: "**John Koella M.D.'88** and I have been living in Saratoga Springs, N.Y. since 1995. I work as a pathologist in Schenectady, N.Y. and have become an accomplished GYN/breast pathologist in a woman's hospital. John struggles in the trenches of family practice. We have raised our children (Emily, 22, Ryan 21) here in Saratoga and have enjoyed life. Ryan graduates this year in architecture. Emily graduated last year with a degree in Arabic. She will be our kid that goes to med school, even if she doesn't know it yet." **Dave Zuckerberg** sent a quick update: "I am the associate director of emergency medicine at Northern Westchester Hospital in Mount Kisco, NY."

I hope everyone is doing well, and I enjoyed hearing from everyone who wrote. I also love seeing the family photos.

'88 Mark L. Hoskin is "Now in my 13th year on full time faculty at UVM/FAHC. Working on inpatient psychiatry service, and closely with UVM College of Medicine students and residents. I am involved in a number of activities at COM, including Admissions Committee, Residency Training Committee. Hard to believe I'm now closer to retirement (whisper) than early career practice!"

David R. Park received the 2012 Outstanding Educator Award from the American Thoracic Society. This award recognizes lifetime contributions in education and mentoring in the fields of pulmonary, critical care, or sleep medicine. He is associate professor of medicine at Harborview Medical Center in Seattle, where he directs respiratory care, pulmonary diagnostics, and bronchoscopy services, among numerous other responsibilities. He is associate program director of the Pulmonary and Critical Care Medicine Fellowship Program and chairs the Washington State Tuberculosis Advisory Council.

'89 Steve Davis writes: "I am a pediatric critical care doctor at the Cleveland Clinic and am chief operating officer at Hillcrest Hospital Cleveland Clinic Health System (CCHS). Our four kids are now 24, 21, 19 and 8 years old, and all are doing well. Denise is a PNP at CCHS."

1990s
REUNION 2013: 1993 + 1998

'94 Eddy Luh reports: "Twin children Winston and Cadence are now 18 months old!"

'95 Leslie Kerzner reports: "The girls are growing and dancing up a storm. Elana is 12 and Adriana is 9 and they definitely keep me young! I am happy at Mass General where I practice neonatology and love the new developmental follow up program we've started."

'96 Jeannie Leach writes from Wisconsin: "I've been unable to work for the last five years due to CFIDS/NMH. So, we're now farmers. We bought an old horse farm and are in the process of starting a you-pick strawberry/ blueberry farm and raising pasture-fed beef. We're looking forward to the birth of our first calf soon and I hope not to have to assist with the delivery."

Carin Van Gelder has received the Connecticut Public Health Commissioner's EMS Award for 2012.

'98 Halleh Akbarnia reports: "Great seeing good friends in New Hampshire this summer: **Amy (Floor) and Jim Parker, Ben and Beth Lowenstein, Gavin and Kate Webb, Scott and Carrie Musicant, Melanie Mailloux, and Stu Jester.** 18 summers of get togethers! Thanks Amy and Jim Parker for hosting! And all other classmates — get ready for our 15th! See you in Vermont in 2013."

(YOUR) ART OF MEDICINE

Current medical students are working on the next edition of the College of Medicine humanities journal. Alumni of the College are encouraged to submit prose, poetry, or visual art submissions. For more information contact medalumni.relations@uvm.edu.

2000s
REUNION 2013: 2003 + 2008

'00 Nicole Nalchajian writes: "I have been at Mid Coast Hospital in Maine practicing emergency medicine since finishing residency in 2003. Love living in Falmouth with Dave and my three sons, Andrew (6) and William & Davis (both 3)."

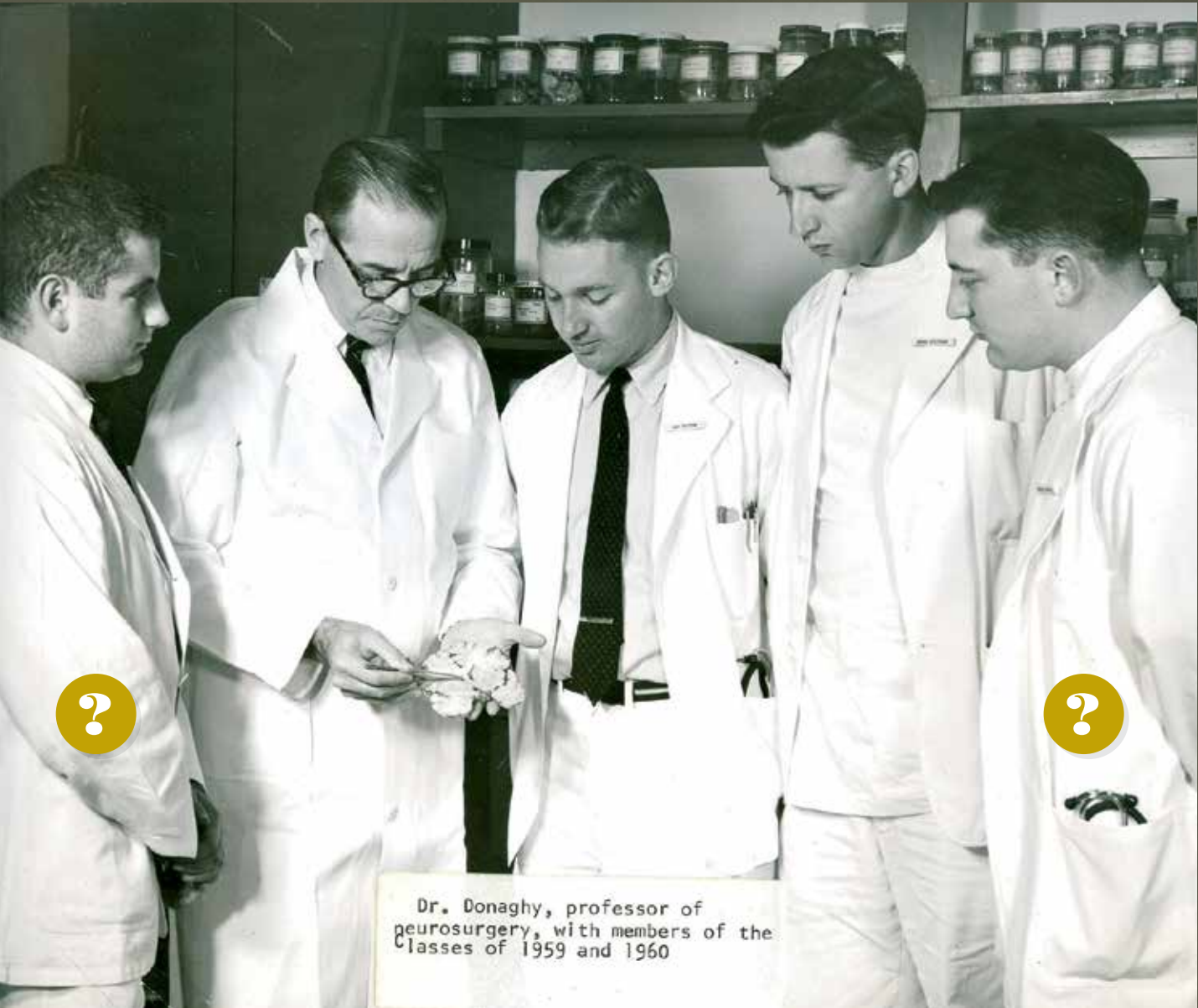
Erica Gibson reports: "Specializing in adolescent medicine and currently hold a joint appointment at Columbia University Medical Center in the Department of Pediatrics and the Department of Population and Family Health in New York City."

'03 Rima Carlson is "Working in Montpelier, Vt. and will complete a fellowship in Integrative Medicine in December 2012. Last November my family and I traveled to Haiti to work at a medical clinic and visit the orphanage where my eldest daughter lived before we adopted her."

'05 Neil Saxe writes: "After three years in Bellingham, Wash., hiking and running the trails and mountains of the Pacific Northwest, Tova, Hila, and I returned to Vermont. I started work at Central Vermont Medical Center as an anesthesiologist in August. We moved to Williston so Hila (a sophomore!) can attend CVU and I'll have a relatively simple commute to CVMC. The drive isn't short, but the mountains are beautiful. Track us down to say 'hi' when you find yourselves in Vermont to live or visit!"

'09 Monica Patton reports: "I finished my pediatric residency at NYU and have moved the family to Atlanta, Ga., to start my new job at the CDC. We are enjoying our new life and are looking forward to our daughter's second birthday."

FLASHBACK



A Slice of Life, ca. 1960

This photograph from the College of Medicine archives probably dates from the late 1950s or 1960, and shows Professor of Surgery **R.M.P. Donaghy, M.D.**, the pioneer of microneurosurgery, using a brain sample to make a point while talking to members of the '59 and '60 classes. The picture was probably taken in Donaghy's lab in the basement of the Mary Fletcher Hospital, and the two student nametags that can be read identify **Jay Selcow, M.D.'59** at center, and **John Stetson, M.D.'60** second from right. Do you know the names of the other two students in the photo? Send in your identifications to edward.neuert@uvm.edu and we will include them in a future issue of Vermont Medicine.

Class Agent Directory

Class agents are dedicated alumni who volunteer their time to serve as the voice of their classmates at the College of Medicine, and who work to encourage support of the College each year. Agents help deliver information to their far-flung friends about the ongoing work of the College, and at the same time help their medical alma mater keep abreast of the news and views of their class. If you would like to learn more about serving as a class agent, contact **Cristin Gildea** at **(802) 656-4014** or **Cristin.Gildea@uvm.edu**.

- '43 Francis Arnold Caccavo, 51 Thibault Parkway, Burlington, VT 05401, (802) 862-3841, drcac@verizon.net
Carleton R. Haines, 88 Mountain View Road, Williston, VT 05495, (802) 878-3115
- '44 Wilton W. Covey, 357 Weybridge Street, Middlebury, VT 05753, (802) 388-1555
- '45 Robert E. O'Brien, 414 Thayer Beach Road, Colchester, VT 05446, (802) 862-0394, drreobrien@aol.com
H. Gordon Page, 9 East Terrace, South Burlington, VT 05403, (802) 864-7086
- '46 Please email **medalumni.relations@uvm.edu** if you'd like to serve as 1946 class agent.
- '47 Edward Crane, MD '47, P.O. Box 1799, Frisco, CO, 80443
- '48 S. James Baum, 1790 Fairfield Beach Road, Fairfield, CT 06430, (203) 255-1013, baum@optonline.net
- '49 Joseph C. Foley, 32 Fairmount Street, Burlington, VT 05401, (802) 862-0040, jcfoley@adelphia.net
Edward S. Sherwood, 24 Worthley Road, Topsham, VT 05076, (802) 439-5816, lois@vermontel.net
- '50 Simon Dorfman, 8256 Nice Way, Sarasota, FL 34238, (941) 926-8126
- '51 Edward W. Jenkins, 7460 South Pittsburg Ave., Tulsa, OK 74136 , (918) 492-7960, DrEWJmd@aol.com
- '52 Arthur Kunin, 226 Windmill Bay Road, Shelburne, VT 05482, (802) 985-5410, akunin@uvm.edu
Arthur Perelman, 165 Woodland Ave., Summit, NJ 07901, (908) 277-6454, ajperelman@verizon.net
- '53 Richard N. Fabricius, 17 Fairview Road, Old Bennington, VT 05201, (802) 442-4224
- '54 John E. Mazuzan Jr., 366 South Cove Road, Burlington, VT 05401, (802) 864-5039, mazuzan@burlingtontelecom.net
- '55 Please email **medalumni.relations@uvm.edu** if you'd like to serve as 1955 class agent.
- '56 Ira H. Gessner, 1306 Northwest 31st Street, Gainesville, FL 32605, (352) 378-1820, gessnih@peds.ufl.edu



Class agent Larry Coletti, M.D.'57 with his classmate Bruce MacKay, M.D.'57.

- '57 Larry Coletti, 34 Gulliver Circle, Norwich, CT 06360, (860) 887-1450
- '58 Peter Ames Goodhue, Stamford Gynecology, P.C., 70 Mill River Street, Stamford, CT 06902, (203) 359-3340
- '59 Jay E. Selcow, 27 Reservoir Road, Bloomfield, CT 06002, (860) 243-1359, jeselcow@comcast.net
- '60 Marvin A. Nierenberg, 15 West 81st Street, New York, NY 10024, (212) 874-6484, mnierenbergmd1@verizon.net
Melvyn H. Wolk, Clinton Street, P.O. Box 772, Waverly, PA 18471, (570) 563-2215, melliemar@aol.com
- '61 Wilfred L. Fortin, 17 Chapman Street, Nashua, NH 03060, (603) 882-6202, willy410@aol.com
- '62 Ruth Andrea Seeler, 2431 North Orchard, Chicago, IL 60614, (773) 472-3432, seeler@uic.edu
- '63 John J. Murray, P.O. Box 607, Colchester, VT 05446, (802) 865-9390, jackjmurray@aol.com
H. Alan Walker, 229 Champlain Drive, Plattsburgh, NY 12901, (518) 561-8991
- '64 Anthony P. Belmont, 211 Youngs Point Road, Wiscasset, ME 04578, (207) 882-6228, apb8229@pol.net
- '65 George A. Little, 97 Quechee Road, Hartland, VT 05048, (802) 436-2138, george.a.little@dartmouth.edu
Joseph H. Vargas III, 574 US Route 4 East, Rutland, VT 05701, (802) 775-4671, jvargasmd@aol.com
- '66 Robert George Sellig, 31 Overlook Drive, Queensbury, NY 12804, (518) 793-7914, rsellig@aol.com
G. Millard Simmons, 3165 Grass Marsh Drive , Mount Pleasant, SC 29466, millro@comcast.net

- '67 John F. Dick II, P.O. Box 60, Salisbury, VT 05769, (802) 352-6625
- '68 David Jay Keller, 4 Deer Run, Mendon, VT 05701, (802) 773-2620, djknhk60@comcast.net
Timothy John Terrien, 14 Deerfield Road, South Burlington, VT 05403, (802) 862-8395
Todd Gladstone, tmg45@aol.com
- '69 Susan Pitman Lowenthal, 200 Kennedy Drive, Torrington, CT 06790, (860) 597-8996, susan_w_pitmanlowenthal@pfizer.com
- '70 Raymond Joseph Anton, 1521 General Knox Road, Russell, MA 01071, (413) 568-8659, ray@rayanton.com
John F. Beamis, Jr., 1288 Kapiolani, Apt. 1605, Honolulu, HI 96814
- '71 Wayne E. Pasanen, 117 Osgood Street, North Andover, MA 01845, (978) 681-9393, wpasanen@lowellgeneral.org
Edwin G. Singesen, 439 Indian Avenue, Portsmouth, RI 02871, (401) 849-6482, csingsen@cox.net
- '72 F. Farrell Collins Jr., 205 Page Road, Pinehurst, NC 28374, (910) 295-2429
- '73 James M. Betts, 715 Harbor Road, Alameda, CA 94502, (510) 523-1920, jbetts@mail.cho.org
Philip L. Cohen, 483 Lakewood Drive, Winter Park, FL 32789, (407) 628-0221, plcret@aol.com
- '74 Douglas M. Eddy, 5 Tanbark Road, Windham, NH 03087, (603) 434-2164, dhkaeddy@att.net
Cajsa Schumacher, 78 Euclid Avenue, Albany, NY 12203, cajsa.schumacher@gmail.com
- '75 Ellen Andrews, 195 Midland Road, Pinehurst, NC 28374, (910) 295-6464, elland@mindspring.com
- '76 Don P. Chan, Cardiac Associates of New Hampshire, Suite 103, 246 Pleasant Street, Concord, NH 03301, (603) 224-6070, dpcn@aol.com

- '77 James C. Hebert, 583 Stockbridge Road, Charlotte, VT 05445, james.hebert@vtmednet.org
Mark A. Popovsky, 22 Nauset Road, Sharon, MA 02067, (781) 784-8824, mpopovsky@haemonetics.com
- '78 Paul McLane Costello, Essex Pediatrics, Ltd., 89 Main Street, Essex Junction, VT 05452, (802) 879-6556, pmcost@aol.com
- '79 Sarah Ann McCarty, smccarty@aucmed.edu
Dennis Plante, dennis.plante@vtmednet.org
- '80 Richard Nicholas Hubbell, 80 Summit Street, Burlington, VT 05401, (802) 862-5551, rich.hubbell@vtmednet.org
- '81 Bruce Leavitt, 312 Four Sisters Road, South Burlington, VT 05403, bjleavitt@comcast.net
Betsy Sussman, 325 Dorset Heights, South Burlington, VT 05403, betsysussman@hotmail.com
Louis Polish, 11 Vale Drive, South Burlington, VT 05403, louis.polish@vtmednet.org
- '82 Diane Rippa, drippa82@gmail.com
- '83 Diane M. Georgeson, 2 Ravine Parkway, Oneonta, NY 13820, (607) 433-1620, dgeorgeson@stny.rr.com
Anne Marie Massucco, 15 Cedar Ledge Road, West Hartford, CT 06107, (860) 521-6120, anniemass@comcast.net
- '84 Richard C. Shumway, 34 Coventry Lane, Avon, CT 06001, (860) 673-6629, rshumway@stfranciscare.org
- '85 Vito Imbasciani, vito.uromd@gmail.com
Suzy Frisch, sgfrisch@aol.com
- '86 Darrell Edward White, 29123 Lincoln Road, Bay Village, OH 44140, (440) 892-4681, darrellwhite@mac.com
- '87 J. Michael Jaeger, Grove Road, Charlottesville, VA 22901, all5jaegers@earthlink.net
Jeffrey Rosenblatt, 11 McQuillans Hill Drive, Gorham, ME 04038, jeffrey_rosenblatt@yahoo.com
Helene Goldsman, 105 Pamunkey Turn, Yorktown, VA 23693, goldsmanh@aol.com
- '88 H. James Wallace III, 416 Martel Lane, St. George, VT 05495, (802) 872-8533, james.wallace@vtmednet.org
Lawrence I. Wolk, 5724 South Nome Street, Greenwood Village, CO 80111, (303) 771-1289, lwolk@corhio.org
- '89 Peter M. Nalin, 13216 Griffin Run, Carmel, IN 46033, (317) 962-6656, pnalin@mac.com
- '90 Barbara Angelika Dill, 120 Hazel Court, Norwood, NJ 07648, (201) 767-7778, dillsmiths@optonline.net
- '91 John Dewey, 15 Eagle Street, Cooperstown, NY 13326, johndewman@hotmail.com
- '92 Mark Eliot Pasanen, 1234 Spear Street, South Burlington, VT 05403, (802) 865-3281, mark.pasanen@vtmednet.org

- '93 Joanne Taplin Romeyn, 22 Patterson Lane, Durham, CT 06422, (860) 349-6941, jtromeyn@hotmail.com
Brad Watson, rbradwatson@yahoo.com
- '94 Holliday Kane Rayfield, P.O. Box 819, Waitsfield, VT 05673, (802) 496-5667, rayfieldvt@yahoo.com
- '95 Allyson Miller Bolduc, 252 Autumn Hill Road, South Burlington, VT 05403, (802) 863-4902, allyson.bolduc@vtmednet.org
- '96 Anne Marie Valente, 66 Winchester St., Apt. 503, Brookline, MA 02446, anne.valente@cardio.chboston.org
Patricia Ann King, 832 South Prospect Street, Burlington, VT 05401, (802) 862-7705, patricia.king@vtmednet.org
- '97 Julie Smail, 390 Bridge St., South Hamilton, MA 01982, (978) 468-1943 , chinook41@hotmail.com
- '98 Halleh Akbarnia, 2011 Prairie Street, Glenview, IL 60025, (847) 998-0507, hakbarnia@gmail.com
- '99 Everett Jonathan Lamm, 11 Autumn Lane, Stratham, NH 03885, (603) 580-2666, ejlamm6@gap.ne
Deanne Dixon Haag, 4215 Pond Road, Sheldon, VT 05483, (802) 524-7528
- '00 Jay Edmond Allard, USNH Yokosuka, PSC 475 Box 1757, FP0, AP 96350, jeallard@pol.net
Michael Jim Lee, 71 Essex Lane, Irvine, CA 92620, michael.j.lee1681@yahoo.com
Naomi R. Leeds, 305 Third St. #204, Cambridge, MA 02142, nleeds@partners.org
- '01 Ladan Farhoomand, 1481 Regatta Road, Carlsbad, CA 92009, (626) 201-1998, ladanmd@gmail.com
Joel W. Keenan, Greenwich Hospital, Five Perryridge Road, Greenwich, CT 06830, joelkeenan@hotmail.com
JoAn Louise Monaco, 1034 Fifth Avenue, New York, NY 10028, (212) 988-7788, joanlmonaco@aol.com
- '02 Jonathan Vinh Mai, 15 Meadow Lane, Danville, PA 17821, (570) 275-4681, jonathan.mai@wellmont.org
Kerry Lee Landry, (919) 732-9876, klandry@developingmindsnc.com
Mary O'Leary Ready, readcamp@gmail.com
Maureen C. Sarle, maureensarle@yahoo.com

- '03 Omar Khan, 33 Clearwater Circle, Shelburne, VT 05482, (802) 985-1131, omar.khan@vtmednet.org
Scott Goodrich, 309 Barben Avenue, Watertown, NY 13601, scott.goodrich1@yahoo.com
- '04 Jillian S. Sullivan, jlliangeider@hotmail.com
Steven D. Lefebvre, fabulous5lefebvre@hotmail.com
- '05 Julie A. Alosi, julie.alosi@vtmednet.org
Richard J. Parent, richparent@gmail.com
- '06 William C. Eward, 101 Wood Valley Corner, Durham, NC 27713, eward002@mc.duke.edu
Deborah Rabinowitz Abrams, 58 Chelsea Place, Williston, VT 05495, Deborah.rabinowitzabrams@gmail.com
- '07 Allison Collen, acollen15@gmail.com
Scot Millay, Scot.Millay@bhs.org
Anne Coates, acoates67@gmail.com
- '08 Mark Hunter, 21 Lindenwood Drive, South Burlington, VT 05403, Mark.hunter@mac.com
Alyssa Wittenberg, 1800 N. Normandie Ave. #303, Los Angeles, CA 90027, alyssa.wittenberg@gmail.com
Ashley Zucker, 2209 Albany Street, Durham, NC 27705, AshleyZucker@gmail.com
- '09 Rebecca Brakeley, rebeccabrakeley@gmail.com
Kate Murray Mitchell, kmitchell12@cha-ma.com
Campbell Stewart, campbell.stewart@gmail.com
- '10 Michael Alavian, michael.alavian@yahoo.com
Pei Chen, justpei8448@gmail.com
Heidi Schumacher, heidi.schumacher@gmail.com
- '11 Carrie Moats, caroline.moats@gmail.com
Nicholas Aunchman, Nicholas.aunchman@gmail.com
- '12 Melissa Marotta Houser, melissa.m.houser@gmail.com
Auna Leatham, auna.leatham@gmail.com
Meghan Beucher, m Meghan.beucher@gmail.com
Martha Choate Monson, martha.monson@hsc.utah.edu





Harry M. Rowe, M.D. '43

'43 Harry M. Rowe, M.D., Dr. Rowe died August 3, 2012, at Cottage Hospital in Woodsville, N.H., just two months shy of his 100th birthday. For over half a century he practiced medicine in Wells River, Vt., tending to the medical needs of generations of patients and helping to deliver about 1,200 babies over the years. Born October 4, 1912, in Peacham, Vt., Dr. Rowe graduated from Peacham Academy in 1929. He received a B.S. from the University of Vermont in 1936, and his M.D. in 1943. In 1946, after returning from service in World War II, Dr. Rowe moved with his wife, Mary Whitney, to Wells River, Vt., to begin a medical practice. In 1952 they bought a large house on Main Street where they set up the White River Clinic in one wing and raised their six children in the other. Not only did he make house calls and care for residents on both sides of the Connecticut River, he helped to improve Cottage Hospital in nearby Woodsville and served as medical examiner for the region. In 2006, when Dr. Rowe retired, he was recognized with a formal resolution of the Vermont General Assembly. The many awards Dr.

Rowe received speak to his legacy as a doctor and a community leader. A founding member of the Vermont Chapter of the American Academy of Family Practice (AAFP), the organization twice named Dr. Rowe Vermont Family Doctor of the Year. He also received the organization's National Distinguished Service award. He served as president of the Vermont State Medical Society and on October 27, 2012, he posthumously received their Physician Award for Community Service. The UVM College of Medicine named him Physician Alumnus of the Year in 1981, and in 2008 he received the Bradley Soule Award from the UVM College of Medicine Alumni Association. In his community, Cottage Hospital recognized him for 50 years of outstanding support and service to humanity. For his service during World War II as a Captain of the 303rd Medical Battalion 78th Infantry division, Dr. Rowe earned a Bronze Star for meritorious service. Dr. Rowe took great interest in public education, and played a key role in the establishment of the Blue Mountain Union School. Dr. Rowe attended many graduation ceremonies,

music concerts, and athletic events at BMU. On his 99th birthday, the school's marching band honored him with a special song. For his 61 years of service on his local board of education, he received the Vermont School Boards Association Robert T. Stafford Bell Award. After his wife's death in 2002, he recovered letters they wrote to each other during World War II and penned a memoir with author Terry Hoffer titled *The Grass Grew Greener*. In one of these letters a young Dr. Rowe wrote: "Money is secondary, and service and life with you and my family are primary." In many ways his life and his medical practice spoke to those ideals.

'49 Constance Brownell Hall, M.D. Dr. Hall, a resident of Burlington, Vt. died peacefully in her sleep at the age of 86 on July 15, 2012. She graduated from UVM in 1946, with a bachelor of arts degree, and in 1949 with a Doctor of Medicine degree. Dr. Hall and her husband of 62 years, Marshall, shared a fulfilling life traveling, camping, and hiking. Dr. Hall was an active volunteer for the American Red Cross Blood Services, Hospice of the Champlain

Valley, the Howard Center for Human Services, and the Lund Family Center.

'50 Lawrence J. Parker, M.D. Dr. Parker died at his home in Fallbrook, Calif., on June 17, 2012 after a long illness. He was 94 years old. Born in Poultney, Vt., he did his pre med studies at Green Mountain College in Poultney and Stanford University, in Palo Alto, Calif., before earning his medical degree at the College of Medicine. His residency was performed at Cottage Hospital in Santa Barbara, Calif. He served in U. S. Air Corp medical units during both World War II and the Korean War. He afterwards practiced family medicine in Ontario and Upland, Calif., from 1952 to 1990. Dr. Parker was a true family practitioner: on his last day on the job, he saw a family of his patients spanning four generations.

'55 R. Keith Clarke, M.D. Dr. Clarke, who was a long-time family physician in the Brattleboro, Vt., area, died on August 5, 2012, of complications of Parkinson's Disease. He was 82. Born and raised in Richford, Vt., after his 1948 graduation from Richford High School, he received his Bachelor of Science from the University of Vermont in 1952 and his medical degree in 1955. He spent the next two years in Worcester, Mass., where he completed both an internship and a family practice residency at Worcester City Hospital. From 1957–1959 he served his country as a captain in the U.S. Army Medical Corps, stationed both at Fort Dix, N.J., and the 20th Station Hospital in Nuremberg, Germany. Returning to Vermont in 1960, Dr. Clarke opened his family practice in Brattleboro. He served on the staff of Brattleboro Memorial Hospital until retiring in 1998.

'55 Arthur S. Weissbein, M.D. Dr. Weissbein died on September 8, 2012 at his beloved desert home oin La Quinta, Calif.,

of natural causes. He was 83. He was born in Brooklyn, N.Y., and played basketball at Syracuse University and graduated with honors before pursuing medical studies in Vermont. He served as a physician in the U.S. Army before settling into his internal medicine practice at St. Bernardine's Hospital in San Bernardino, Calif. Dr. Weissbein served as chief of staff at St. Bernardine's for two separate terms. He retired in 1992.

'60 John D. Clark, M.D. Dr. Clark died on June 30, 2012, in Watrous Nursing Center in Madison, Conn.. He was born Jan. 10, 1933, in Burlington, Vt. His father, Paul Clark, was a Burlington doctor. John Clark joined the U.S. Army after graduation from the University of Vermont, served his country for 12 years and was honorably discharged with the rank of Major. After receiving his degree from the College of Medicine, he went on to serve as chief of anesthesiology at Yale New Haven Hospital in addition to his role as assistant clinical professor of anesthesiology at the Yale University School of Medicine.

FACULTY



George Ebert, M.D.

George Ebert, M.D. Dr. Ebert, an assistant professor at the College of Medicine and vice-chair of technology and informatics in the Radiology Department at Fletcher Allen Health Care, died July 14, 2012, in Ames, Iowa, of apparent heart failure. He was 59

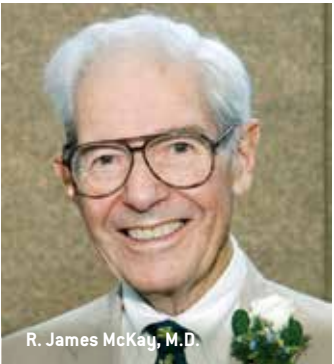
years old. Born March 15, 1953, in Albert Lea, Minn., Dr. Ebert graduated from Ames High School in 1971 and from Grinnell College in 1975. In 1984, he earned a Ph.D. from the University of Chicago in organic chemistry. One year later, he received a medical degree from the university's Pritzker School of Medicine. After a residency and fellowship at Massachusetts General Hospital and ten years of practice at Salem Radiology, Dr. Ebert joined the staff at Fletcher Allen and the College of Medicine. Colleagues remember him as a brilliant man who was also kind and helpful. A July 29, 2012, obituary in the *Boston Globe* quotes an email that Chair of Radiology Steven Braff, M.D., sent to colleagues. "Dr. Ebert's work on developing and promoting new technologies allowed us to be at the forefront of technical excellence in diagnostic medicine at our institution," Dr. Braff wrote.

R. James McKay, M.D. Dr. McKay died peacefully on November 23, 2013. He was 95 years old. He was the founder and first chair of the Department of Pediatrics at the College of Medicine, from 1950 to 1983. A graduate of Princeton University, he earned his medical degree from Harvard Medical School. The current chair of pediatrics, Lewis First, M.D., paid tribute to his colleague in a message to his department excerpted here: "Jim McKay was a true pediatric 'omnologist' — well versed in all areas of pediatrics... who became particularly skilled in clinical genetics before the field became a subspecialty unto itself. He fostered the importance of community pediatricians and recognized them as key members of our faculty so that no 'town-gown' friction would exist — something that has withstood the test of time in this department. During his illustrious career, Jim wrote multiple peer-reviewed articles, served as the editor of *Nelson's Textbook of Pediatrics*, associate editor of the journal *Pediatrics*,



David B. Pilcher, M.D. (right) shown with Dean Morin

associate editor and editor-in-chief of *Pediatrics in Review*, and was elected President of the American Academy of Pediatrics (AAP), as well as President of the Association of Medical School Pediatric Department Chairs among many other honors and achievements. He has been the recipient of the Clinical Teacher of the Year Award from our College of Medicine, the Green Mountain Pediatrics Award from the Vermont AAP as well as the Abraham Jacobi Award — the highest award given nationally by the AAP. He was a true player-coach — leading while seeing patients in Burlington, Middlebury, and Newport — always taking students and residents with him, teaching them and all of us the importance of his acronym "GRUSK" — reminding us always to be 'gentle, respectful, understanding, sympathetic and kind,' this being but one of many lessons for life he will leave to us."



R. James McKay, M.D.

David B. Pilcher, M.D. Dr. Pilcher, Professor of Surgery and the State of Vermont's first board-certified vascular surgeon, died at his home in Colchester, Vt., on September 4, 2012, of prostate cancer. He was 78 years old. He graduated from Amherst College and medical school at the University of Rochester before completing his surgical residency at UVM. He served as an Army surgeon in the Vietnam War for two years, and completed a Vascular Surgery Fellowship at UCLA. In 1970, Dr. Pilcher returned to UVM to join the Department of Surgery faculty. In addition to directing the emergency room at Mary Fletcher Hospital, he introduced advanced medical training for first responders and established the system for emergency medical services still used in northern New England today. He authored many research articles and book chapters, served as an associate editor at the *Journal of Trauma*, and was a president of the New England Society for Vascular Surgery. The book he wrote, titled *Catamount Surgeons*, is considered to be the definitive history of the practice of surgery at the University of Vermont and the Burlington area. Selections from his history, *Catamount Surgeons*, were featured in the Spring 2010 issue of *Vermont Medicine*.

We also note the passing of Marshall London, M.D. '55 on Dec. 12, 2012, and David Paulus, M.D. '76 on Dec. 13, 2012.



August 9, 2012, 1:26 P.M.

During the class of 2016 Orientation Week, a group of new medical students goes through a wilderness medical training team building exercise.

photograph by **Raj Chawla**, UVM Med Photo

VERMONT MEDICINE

89 Beaumont Ave.
Burlington VT 05405



MEDICAL REUNION

May 31–June 2 • 2013



ATTENTION CLASSES OF 1943, '48, '53, '58, '63, '68, '73, '78 '83, '88, '93, '98, '03 & '08!

The UVM Medical Alumni Association invites you and your family to plan now to join your classmates for Reunion 2013 — May 31–June 2, 2013. Come back to Burlington and the UVM campus, your home during medical school. You may have lost contact with your classmates and former teachers, but Reunion will give you the chance to reconnect, rekindle old friendships, check out favorite places, talk with faculty, meet the medical students of today, and experience first-hand the growth and evolution of your medical alma mater.



The University
of Vermont

COLLEGE OF MEDICINE

For more information, contact the UVM Medical Development & Alumni Relations Office at (802) 656-4014 or medalumni.relations@uvm.edu

EVENTS INCLUDE: Medical Education Today Session • Tours of the College, including the Clinical Simulation Laboratory
Alumni Awards and Reception • Medical Alumni Picnic • Nostalgia Hour • Class Receptions

WWW.UVM.EDU/MEDICINE/ALUMNI