

V E R M O N T

VOL 49, ISSUE 1 • 2012

# medicine

UNIVERSITY OF VERMONT COLLEGE OF MEDICINE

Ted Janis MD.  
Surgical Oncologist

SPECIAL EDITION  
11  
YEAR IN REVIEW

## MISSION IN MIND

A look in detail at the accomplishments of faculty,  
staff and students across the College of Medicine

### ALSO FEATURED:

- › Student Experience in Guatemala
- › Research Projects Deliver



# I AM AN INVENTOR.

I am an academic physician.

Guided by his keen knowledge of blood chemistry and more than two decades of experience fighting heart disease and its related ailments, cardiologist and Professor of Medicine **DAVID SCHNEIDER, M.D.**, has been granted several U.S. patents for methods that deal with platelets, the microscopic particles involved in clotting and other vital processes within the bloodstream. His innovative discoveries help him and physicians around the world to better determine bleeding risks after invasive procedures and help reduce the incidence of dangerous clotting. He brings that leading-edge, inventive approach every day to the laboratory and to the clinic to help his patients, guide his students and inspire his colleagues.



The  
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COLLEGE OF MEDICINE

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# VERMONT medicine

UVM COLLEGE OF MEDICINE MAGAZINE

VOL 49, ISSUE 1 • 2012

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A new UVM president, Fletcher Allen CEO, biochemistry chair, and associate dean. Plus primary care report card, new research, and more.

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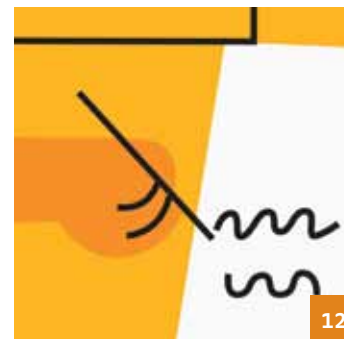
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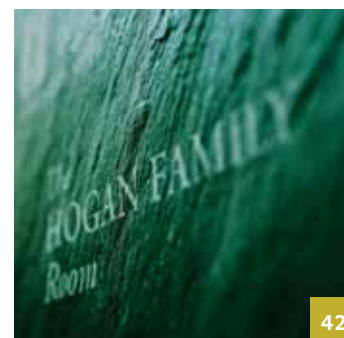
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## 12 Filling the Gap

The American Recovery and Reinvestment Act provided funding to a long list of public works projects across the U.S. In addition to bridge and road repair, the act also funds medical research, and three projects at the College show solid results.

By **Jennifer Nachbur**

## 18 Lessons from Doña Paulina

Second-year medical student Peter Cooch won the Ascona Prize from the International Balint Foundation for his account, excerpted here, of how an 85-year-old Mayan woman taught him about patient-centered medicine.

By **Peter Cooch '14**

## 42 Philanthropy 2011

They came in amounts large and small, but the many philanthropic contributions to the College of Medicine all helped foster better education, research, patient care, and community connection.

**ON THE COVER:** Senior medical students who will begin surgical residencies this summer listen to Ted James, M.D., associate professor of surgery and director of the surgery clerkship, during their special training in the Clinical Simulation Laboratory. All senior surgery majors attend this month-long class in March to review the knowledge, skills, and attitudes essential to providing optimal patient care, patient safety, and quality during residency. Photo by Raj Chawla, UVM Medical Photography.





While a university is a place steeped in venerable traditions — particularly a school that, like UVM, can trace its history to the late 1700s, — it really is the sense of newness that constantly impresses you when you are on campus on a daily basis.

This season, we may have more of a sense of new beginnings than usual, with the recent appointment of new leadership for both the University and for our partner in the academic medical center, Fletcher Allen Health Care. I look forward to working with Thomas Sullivan, J.D., who will assume the UVM presidency in July, and for continued cooperation with John Brumsted, M.D., who has led Fletcher Allen so ably on an interim basis since last August. Here at the College, we welcome both a new

chair of the Department of Biochemistry, Gary Stein, Ph.D., and a new associate dean for clinical education, longtime faculty member Tania Bertsch, M.D.

New knowledge is one of our key missions, and we see that coming to fruition on a daily basis in the laboratories and clinics throughout the medical campus. Much of that research is, by necessity, the product of many years of careful inquiry and experimentation. But some, like the ARRA projects described in this issue, were designed to yield results in just 24 months, and shed new light on key areas of neuroscience, environmental toxins, and circulatory issues. We're delighted that College of Medicine investigators were able to garner three prestigious Challenge Grants, and that they brought forth interesting and worthwhile results in such a short time.

In addition to the work of seasoned professionals such as our ARRA investigators, it is often the effort of the newest members of our community, the students, that impresses with its energy and commitment. Second-year medical student Peter Cooch, whose Ascona Prize-winning essay is excerpted here, is just one of those many students who clearly put their heart and soul into making patients' lives better. I'm sure you'll agree after reading Peter's account of his and other medical students' efforts to improve the lives of people in a small village in the Guatemalan highlands.

This issue also brings you detailed reports of the work of hundreds of faculty and staff in all our departments. Year after year, I am impressed with the widespread accomplishments made here in the cause of education, research, patient care, and connection to our community. Along with that, I am deeply grateful to all the many donors highlighted in this issue who have personally supported our work: they too have a hand in the accomplishments of today, and those in years to come. Because of our fantastically productive faculty and staff, our donors have and will continue to see an outstanding return on their investment in our College.

**Frederick C. Morin III, M.D.**

Dean, University of Vermont College of Medicine



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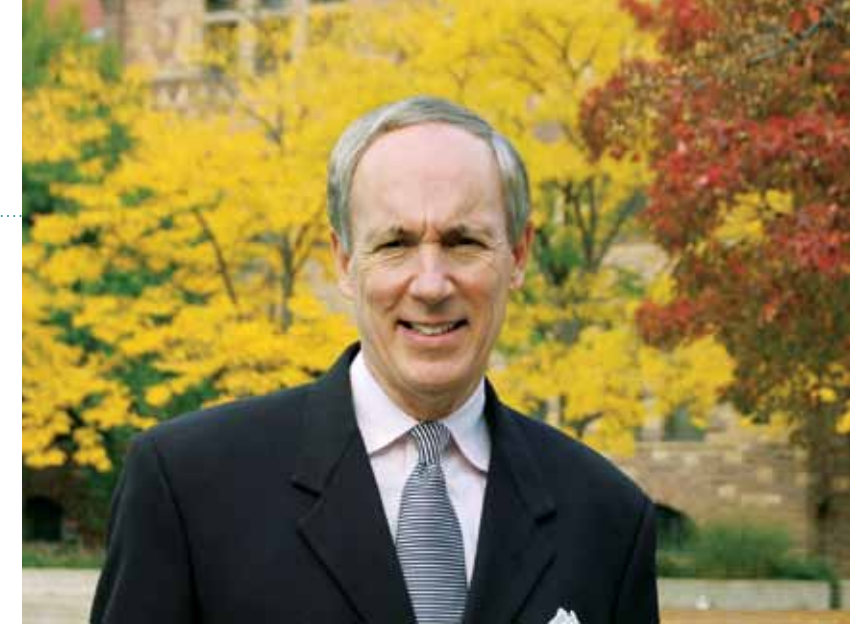
## College News

### UVM Trustees Select E. Thomas Sullivan as 26th President

In February, the University of Vermont Board of Trustees selected E. Thomas Sullivan, J.D., as the next president of UVM. When he takes office on July 15, Sullivan — who until this January served as senior vice president and provost at the University of Minnesota — will become UVM's 26th president in the 221 years since the university was founded.

"I am very excited both personally and professionally about this tremendous opportunity," said Sullivan. "I think my background, experience, values, and my aspirations are compatible with those of UVM. I find the university at a very important juncture in its history and I wholeheartedly welcome the challenge to work with the faculty, staff, and students into the next phase in the pursuit of greater heights of academic excellence at UVM. I want to thank everyone for working so hard to advance the institution to its present strong, vibrant place as a premier small research university, with great promise for the future."

Robert F. Cioffi, chair of both the board and the Presidential Search Committee, said the university is



E. Thomas Sullivan, J.D., will become UVM's 26th president in July.

fortunate to have attracted the strong leadership abilities that Sullivan will bring to the job. "Tom Sullivan clearly possesses the academic credentials, the extensive leadership experience at both public and private universities, the demonstrated accomplishments in the implementation of strategic plans and major fund raising, and the personal energy and enthusiasm we need to take UVM to the next level of success," Cioffi said.

On Feb. 7 Sullivan completed his academic obligations as Provost at Minnesota, where he also is the Julius E. Davis Chair in Law. He will move to Vermont in July with his wife, Leslie, a UVM alumna, class of 1977.

### John Brumsted, M.D., Named to Lead Fletcher Allen

Fletcher Allen Partners named John R. Brumsted, M.D., as president and chief executive officer, Fletcher Allen Health Care, effective February 13. Brumsted, a professor of obstetrics, gynecology, and reproductive sciences at the College of Medicine, has been serving as the organization's interim president and chief executive officer since the departure of Melinda Estes, M.D., this past August. Brumsted will also serve as the president and chief executive officer of Fletcher Allen Partners, an integrated delivery system comprising Fletcher Allen Health Care and Central Vermont Medical Center.

"I feel honored and humbled as I take on this role," said Brumsted. "Fletcher Allen is made up of an extraordinary group of dedicated and caring men and women — 7,000 strong. It is a privilege to work with them as they deliver high-quality care to our patients and their families."

Prior to being named interim president and chief executive officer in August 2011, Brumsted has enjoyed a varied and successful career at Fletcher Allen. He served

Fletcher Allen most recently as chief medical officer. He has also served as chief quality officer, senior associate dean for clinical affairs at the UVM College of Medicine, and medical director of The Vermont Health Plan and Vermont Managed Care. He also served as Fletcher Allen's interim president and chief executive officer for an eight-month period in the late 1990s.

Brumsted received his B.A. in liberal arts from Dartmouth College and his medical degree from Dartmouth Medical School in 1978. Currently a member of the Vermont Medical Society (VMS) Council and chair of the VMS Research and Education Foundation Board, Brumsted has published extensively, both nationally and regionally.



Fletcher Allen Health Care President and Chief Executive Officer John Brumsted, M.D.



## Stein Appointed Chair of Biochemistry and VCC Co-Director

The College of Medicine has appointed Gary Stein, Ph.D., as professor and chair of biochemistry and co-director of the Vermont Cancer Center. Stein joins UVM from the University of Massachusetts (UMass) Medical School, where he is the Haidak Distinguished Professor of Cell Biology, co-director of the UMass Memorial Cancer Center of Excellence, chair of the department of cell biology and founding director of the UMass Human Stem Cell Bank & Registry. He succeeds Paula Tracy, Ph.D., who has served as interim chair of biochemistry since 2005, and joins Claire Verschraegen, M.D., in leading the Vermont Cancer Center.

After earning his Ph.D. in biology at UVM and completing a postdoctoral fellowship in pathology at Temple University, Stein joined the faculty at the University of Florida College of Medicine where he became vice-chair of biochemistry. He joined the faculty at the UMass Medical School in 1987. Stein directs a well-funded research program of five scientists and physician investigators who will also join the UVM faculty, and whose work focuses on the mechanisms controlling proliferation and differentiation in cancer cells and developing new dimensions to cancer diagnosis and therapy. Their research program, sponsored by the National Cancer Institute,



Gary Stein, Ph.D.

research foundations and industry sources, will significantly enhance UVM's existing programs in cancer and cell biology, and bring the editorship of three professional journals to Vermont.

"We are extremely fortunate to be bringing Dr. Stein and his group to Vermont," said Dean Rick Morin. "We believe this is the largest team of investigators yet recruited to UVM, and we are excited about this opportunity to synergistically expand our research program as well as further our goal of revitalizing the Vermont Cancer Center."

Stein will be on the UVM campus weekly as a Visiting Professor during the spring semester. He and his group will relocate to Vermont full-time in July.

## Bertsch Appointed Associate Dean for Clinical Education



Tania Bertsch, M.D.

four years of the Vermont Integrated Curriculum, as well as leadership for the College's clinical training sites in Connecticut, Florida, and Maine.

Dean Morin announced in January the appointment of Tania Bertsch, M.D., associate professor of medicine, as associate dean for clinical education in the Office of Medical Student Education. In this role, Bertsch will provide supervision of the clinical training program for medical students across the

After earning her medical degree from Michigan State University and completing a residency in Internal Medicine at St. Joseph Mercy Hospital in Ann Arbor, Bertsch joined UVM/Fletcher Allen in 1988 in primary care internal medicine. Since then, along with caring for patients at Given Health Care Center in Essex, she has been actively engaged in the education of students and the development of UVM's nationally recognized medical curriculum. She has published and presented widely on medical education and received grant funding to incorporate palliative care teaching for medical students.

In her new position, Bertsch will continue to supervise the administration of clerkship training at all the College's clinical sites and lead the regular evaluation and iterative improvement of the clinical curriculum. She will also have responsibility for working closely with the Western Connecticut Health Network as the College explores the possibility of adding that organization as a branch campus.

## Research Milestones



Ashley Steere, Ph.D. and Anne Mason, Ph.D.

### Steere, Mason Co-author Nature Study of Iron "Pirates" Role in Disease

A study published in *Nature* in February by co-authors **Anne Mason, Ph.D.**, professor of biochemistry, and **Ashley Steere, Ph.D.**, a postdoctoral associate in

biochemistry, clarifies how two important proteins "pirate" iron from their hosts to support a virulent pathogen called *Neisseria*, which accounts for hundreds of thousands of deaths annually worldwide. These findings offer a new potential target for vaccines and drug treatments to combat bacterial meningitis, septicemia, and gonorrhea.



### Johnson and Colleagues Find Rate of Injuries Higher in Snowboarders than Skiers

A recent study of skiing and snowboarding injuries over 18 seasons

at a Vermont resort found that injury rates were higher in snowboarders than skiers. The research, reported online in the *American Journal of Sports Medicine* and coauthored by **Robert Johnson, M.D.**, University of Vermont professor emeritus of orthopaedics and rehabilitation, sought to examine not only the injury patterns and type of injuries sustained while snowboarding, but differences in injuries between snowboarders and downhill skiers in regards to age, experience, and sex as well.

### UVM Researchers Find Rate of Follow-up Surgeries After Partial Mastectomy Varies Greatly

A study conducted at the University of Vermont/Fletcher Allen Health Care and three other sites and published in the *Journal of the American Medical Association* in February found significant variability — by both surgeon and institution — in the rates of follow-up surgeries for women who underwent a partial mastectomy for treatment of breast cancer. The research determined that these differences could not be explained by a patient's medical or treatment history, and hypothesized that they could affect both cancer recurrence and overall survival rates. The study was led by **Laurence McCahill, M.D.**, a former UVM/Fletcher Allen surgeon now at Michigan State University, and Vermont collaborators

including **Richard Single, Ph.D.**, UVM associate professor of statistics; **Ted James, M.D.**, UVM associate professor of surgery; **Johanna Sheehy-Jones**, clinical analyst, and **John Ratliff**, senior measurement analyst, of the Jeffords Institute for Quality and Operational Effectiveness at Fletcher Allen.

### Tracy Co-authors NEJM Study

In a study reported to be one of the largest-ever analyses of lifetime risks for cardiovascular disease (CVD), investigators associated with the Cardiovascular Lifetime Risk Pooling Project, including Professor of Pathology and Biochemistry **Russell Tracy, Ph.D.**, confirmed that a person's cardiovascular risk-factor profile at middle age corresponds to lifetime CVD risk. The study was published in the January 26, 2012 *New England Journal of Medicine*. The meta-analysis examined more than 250,000 participants, including black men and women and white men and women, whose risk factors for cardiovascular disease were measured at the ages of 45, 55, 65, and 75 years, across 18 longitudinal studies.



Russell Tracy, Ph.D.

### UVM Lung Researchers Co-author JAMA Article on Asthma and Reflux in Children

According to new research conducted by the American Lung Association Asthma Clinical Research Centers Network (ALA-

ACRC) — published in the January 25 *Journal of the American Medical Association* — adding prescription acid controllers to standard inhaled steroid treatment does not improve asthma symptoms or control in children. **Anne Dixon, M.D.**, pulmonologist and associate professor of medicine, served as a co-principal investigator for the study at the UVM ALA ACRC site. Other UVM faculty and staff members who worked on the study include **Charles Irvin, Ph.D.**, principal investigator and professor of medicine; **David Kaminsky, M.D.**, co-principal investigator and associate professor of medicine; **Thomas Lahiri, M.D.**, co-principal investigator and associate professor of pediatrics; **Richard Colletti, M.D.**, professor and chief of pediatric gastroenterology; and clinical research coordinators **Stephanie Burns**, **Laurianne Griffes**, **Roberta Pratt, R.N.**, and **Michelle Doucette, R.N.**





## Report Shows Vermont Adult Primary Care Access, Workforce in Short Supply

Vermont has an inadequate supply of primary care practitioners for adults, according to newly-released findings of a survey of the state's primary care practices. Issued by the Vermont Area Health Education Centers (AHEC) program office at UVM, the annual report, titled "Vermont Primary Care Workforce Snapshot," identifies consistent shortages of general internal medicine physicians across all regions of the state during the survey period from 2008 to 2011.



Primary care providers such as Melanie Lawrence, M.D.'00 play an increasingly critical part in Vermonters' health care.

The survey tracked clinical hours of primary care practitioners — including physicians, advanced registered nurse practitioners, certified nurse midwives, and certified physician assistants — at 224 primary care practice sites. Among the findings was evidence of pressure on the supply of primary care providers; an increasing number of primary care practices had limited or closed their practice to new patients during the period.

Compared to 2009 figures, Southern Vermont experienced the greatest decline in full-time primary care providers, the Champlain Valley saw a lesser decline, and the Northeastern region of the state actually saw a slight improvement. The report applied national benchmarks to the Vermont population to determine how many primary care practitioners were required for what was deemed an "adequate supply."

"With the state's aging population and primary care workforce, as well as heightened competition for primary care practitioners from other states, Vermont's ability to maintain and increase the supply of primary care providers for adults will remain a challenge," says Denis Barton, M.A., M.B.A., director of the Office of Primary Care and AHEC Program. Several AHEC activities are expected to help offset these shortages, including the state-funded, AHEC-administered, Vermont Educational Loan Repayment Program for Primary Care Practitioners, which helps with recruiting primary care physicians to the state, as well as ongoing efforts to promote the health care field, which is projected to be the largest industry in Vermont in the next 10 to 15 years. Last December, the Vermont AHEC office distributed the 2011 edition of its *Health Careers: More Than a Job* directory to middle and high school guidance counselors, school nurses and health teachers statewide, as part of its ongoing efforts to ensure that Vermont has an adequately staffed health care workforce.

To link to the 2011 Vermont Primary Care Workforce Snapshot, visit: [www.uvm.edu/medicine/ahec/](http://www.uvm.edu/medicine/ahec/). For information on the Health Careers directory, go to: [www.vthealthcareers.org](http://www.vthealthcareers.org).



## COLLEGE VIEW



### College joins with ECHO to Present "Our Body" Exhibit

ECHO Lake Aquarium and Science Center at the Leahy Center of Lake Champlain is partnering with the College of Medicine to bring a world class exhibit to Vermont. *Our Body: the Universe Within*, which opens April 14 and runs through September 3, presents actual human bodies and organs and the systems that make the body work. The bodies, specimens and organs have been preserved using a process known as polymer impregnation. The ECHO exhibit website at [www.echovermont.org/exhibits/ourbody](http://www.echovermont.org/exhibits/ourbody) provides in depth information about the body systems shown and features teaching guides and educational videos provided by the College.



### Faculty Showcase Campaign Wins CASE Award

When is a physician or scientist more than just an M.D. or Ph.D.? When they take on any of the many other roles of an active faculty member at Vermont's academic medical center. That has been the theme of the University of Vermont College of Medicine's Faculty Showcase program, a campaign which has been awarded the bronze medal in the 2012 CASE Communications Awards competition sponsored by the Council for the Advancement and Support of Education District I division. The campaign was produced by the College's Medical Communications Office. CASE District I is the regional chapter of the organization that includes educational institutions from across New England and eastern Canada. Since it appeared in the summer of 2011, the campaign has featured the accomplishments of faculty members on the walls of the academic medical center campus, and in the pages of College of Medicine publications. The campaign was formally recognized January 21 at the CASE District I and II annual meeting in New York City.

## Notables

### Parsons and Task Force Identify Research Priorities for Critical Care

In 2009, the four largest critical care professional societies formally joined together to establish the Critical Care Societies Collaborative (CCSC), which, in conjunction with the National Institutes of Health-funded U.S. Critical Illness and Injury Trials Group, formed a 25-member task force charged with determining a comprehensive plan for critical care research that incorporated input from all stakeholders in the field. E.L. Amidon Professor and Chair of Medicine **Polly Parsons, M.D.**, served as the lead American Thoracic Society (ATS) representative and the chair of the Multisociety Task Force for Critical Care Research. In addition to ATS, the CCSC comprises the American Association of Critical Care Nurses, American College of Chest Physicians, and the Society of Critical Care Medicine. In January 2012, the task force simultaneously published their recommendations in the journals of the CCSC's member organizations: *American Journal of Respiratory and Critical Care Medicine*, *Critical Care Medicine*, *Chest*, and *American Journal of Critical Care*.



Polly Parsons, M.D.

### Phillippe Named Fletcher Allen Trustee

**Mark Phillippe, M.D.**, the John Van Sicklen Maeck Professor and Chair of Obstetrics, Gynecology and Reproductive Sciences at the College of Medicine, was among four new members appointed to the Fletcher Allen Health Care Board of Trustees at the organization's meeting in December 2011. Phillippe, who also serves as physician leader of the Women's Health Service at Fletcher Allen, will serve a four-year term on the board. Prior to joining UVM/Fletcher Allen in 2001, he held faculty appointments at the University of Chicago, Harvard Medical School, and the Massachusetts Institute of Technology. His clinical interests focus on high-risk pregnancies, medical complications of pregnancy, and preterm labor/delivery. Phillippe has served on numerous peer review committees for the National Institutes of Health and the March of Dimes and has been an active researcher throughout his career. He earned his bachelor's and medical degrees from Northwestern University, and completed an obstetrics/gynecology residency and maternal fetal medicine fellowship at Brigham & Women's Hospital in Boston, Mass. In addition, Phillippe holds a Master's degree in Health Care Management from the Harvard School of Public Health.



Mark Phillippe, M.D.

### Bryant Named Interim Chair of Pathology & Laboratory Medicine

**Ronald Bryant, M.D.**, associate professor and director of clinical pathology, has been appointed interim chair of pathology and director of laboratory medicine at the UVM College of Medicine and Fletcher Allen, effective March 1, 2012. He will lead the department while a national search identifies candidates to succeed **Edwin Bovill, M.D.**, who has stepped down after 19 years as chair and will be retiring from UVM on June 30, 2012. Active in both resident and medical student education, Bryant received his undergraduate degree from the Massachusetts Institute of Technology and his medical degree from the University of Michigan. Bryant joined UVM/Fletcher Allen in 2004. He holds Master's degrees in biochemistry and electrical engineering, and earned a Master of Business Administration degree in 2008.



Ronald Bryant, M.D.

### Adams Named Chair of UVMMG Research and Education Committee

**David Adams, M.D.**, associate dean of graduate medical education and associate professor of anesthesiology at the College, and an anesthesiologist at Fletcher Allen Health Care, assumed the chairmanship of the UVM Medical Group Research & Education Committee in March. The UVM Medical Group consists of approximately 450 physicians from all fields of medicine devoted to advancing patient care through clinical and laboratory research and educating the next generation of medical providers.



David Adams, M.D.

### Tracy Recognized at VT Go Red For Women Event

Since 2008, University of Vermont researchers have received more than \$1.5 million in grant funding from the American Heart Association (AHA). This connection was publicly recognized February 16 at the 2012 Vermont Go Red For Women Luncheon held at the Sheraton Burlington Hotel and Conference Center. More than 500 attendees participated in the annual event, now in its sixth year. College of Medicine Professor of Biochemistry **Paula Tracy, Ph.D.**, was presented with the 2012 Crystal Heart Award by 2011 Crystal Heart recipient Mary Cushman, M.D., professor of medicine. The Crystal Heart Award celebrates the success and commitment of a local woman who has served as an advocate, a volunteer and a role model in improving the health of women in our community and honors their "above and beyond" efforts to support the mission of the American Heart Association. Jennifer Nachbur, senior public relations officer at the UVM College of Medicine, was the 2009 Crystal Heart Award honoree.



Paula Tracy, Ph.D.



## New Leadership for Foundations Level

The beginning of 2012 marked an important “passing of the baton” at the College of Medicine, as **Cynthia Forehand, Ph.D.**, stepped down after ten years as Foundations Director. The director of Foundations manages and leads the initial level of the Vermont Integrated Curriculum (VIC), assisting course directors in the administration and evaluation of the curriculum and ensuring appropriate procedures,

assessment methods and means of instruction.

Forehand continues as a professor in the Department of Anatomy and Neurobiology and as course director of the Neural Science course. She

will also be increasing her role as associate dean at the Graduate College, where she was appointed in July 2010. She was specially honored by the Class of 2014 at the ceremony celebrating their conclusion of Foundations in February.

**Paula Tracy, Ph.D.**, professor and interim chair of biochemistry, has been appointed the new Foundations director. Tracy is a well-respected teacher and role model who has mentored more than 100 undergraduate, graduate and medical students, as well as post-doctoral fellows, since her arrival at UVM in 1984, while maintaining an active funded research program in the area of coagulation process as related to hemostasis and thrombosis. UVM honored her as a University Scholar in 2003.

Appointed professor and vice chair of biochemistry in 1997, Tracy has served as interim chair of biochemistry since 2005. She was instrumental in the development of the VIC and, since its launch in 2003, has served as course director for “Nutrition, Metabolism and the Gastrointestinal System.”

View the 2012 Match Day Proceedings. The ceremony was streamed live over the Internet, and you can watch a recording of the event online.

Go to: [uvm.edu/medicine/vtmedicine](http://uvm.edu/medicine/vtmedicine)

## Senior Medical Students Enjoy Match Day Success

UVM's Match Day took place in the Health Science Research Facility's Hoehl Gallery on March 16. An air of festivity and series of activities, including a student-created video and remarks from UVM College of Medicine Senior Associate Dean for Medical Education William Jeffries, Ph.D., Associate Dean for Student Affairs G. Scott Waterman, M.D., and Lewis First, M.D., professor and chair of pediatrics, kept eager students and spectators entertained as they waited for the moment when each student's fate was confirmed in the form of a seemingly simple white envelope.



webXtra

## RESIDENCY MATCHES FOR THE COLLEGE OF MEDICINE CLASS OF 2012

### ANESTHESIOLOGY

Maura Adams Loren Babirak Anne Kamarchik Brendan Kelley	Dartmouth-Hitchcock Maine Medical Center University of Pittsburgh Walter Reed National Medical Center UVM/Fletcher Allen Beth Israel Deaconess Medical Center University of Texas Southwestern UC Davis Medical Center Virginia Mason Medical Center
Thomas Pace Johann Patlak	
Vadim Petrov- Kondratov Damoon Rejaei Alyse Rymer	

### CHILD NEUROLOGY

Jessica Chao Adam David	Children's Hospital Boston Einstein/Montefiore
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### DERMATOLOGY

James Dunlop Ian Odell	UC San Francisco Yale-New Haven Hospital
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### DIAGNOSTIC RADIOLOGY

Kelly Cunningham Lindsay Nadeau Duy Matthew Hoffman Marianne Reed Scott Warhit	McMaster University Lahey Clinic Maine Medical Center Yale-New Haven Hospital Winthrop University Hospital
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### EMERGENCY MEDICINE

Holly Gunyan	University of Rochester/ Strong Memorial
Michael Larochelle Nicholas Larochelle Auna Leatham	Palmetto Health University of Pittsburgh University of Texas Southwestern
Ronald Masson Amanda Miller Sharif Nankoe Zea Schultz William Timbers	Stanford University Programs Regions Hospital (Minn.) UMass Medical School University of Pittsburgh Beth Israel Deaconess Medical Center
Susan Varga Nathaniel Ward	Yale-New Haven Hospital Maine Medical Center

### FAMILY MEDICINE

Claire Ankuda Renee Bratspis Lindsay Corse	University of Washington Affiliated Hospitals Ventura County Medical Center Boston University Medical Center McMaster University Maine-Dartmouth Family Medicine
Alex Folkl Mei Lee Frankish	UVM/Fletcher Allen University of Wisconsin Concord Hospital (N.H.) UVM/Fletcher Allen Middlesex Hospital (Conn.) Greater Lawrence Family Health (Mass.) Utah Health Care Institute Methodist Hospital (Sacramento) University of Utah
Isaac Noyes Mimi Ogawa	
Nolan Sandygren	

### GENERAL SURGERY

Brandon Chapman Andrew Larson Erb Katherine McBride Semeret Munie Kaitlin Petros Andrea Steely Asha Zimmerman	University of Colorado UVM/Fletcher Allen Memorial Health (Savannah) Henry Ford Hospital (Detroit) Baystate Medical Center UVM/Fletcher Allen Rhode Island Hospital/ Brown University
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### INTERNAL MEDICINE

Maria Burnett Patrick Butsch	UVM/Fletcher Allen Rhode Island Hospital/ Brown University Thomas Jefferson University Santa Barbara Cottage Hospital Rhode Island Hospital/ Brown University UC Davis Medical Center Rhode Island Hospital/ Brown University Loma Linda University. UVM/Fletcher Allen St. Louis University Kaiser Permanente (Santa Clara, Calif.) Loyola University Medical Center Rhode Island Hospital/ Brown University University of Utah University of Utah
Katie Casas Emily Colgate Laura Depouli	
Theresa Duong Piyush Gupta	
Tri Luu Rachel McEntee Elizabeth Mebrate Jonathan Nucum	
Brett Porter	
Steven Schaub	
Jennifer Springer Khine Win	

### MEDICINE — PEDIATRICS

Eric Worthing	Maine Medical Center
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### MEDICINE — PRELIMINARY

Suleiman Lapalme	St. Mary's Hospital (Waterbury, Conn.)
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### MEDICINE — PRIMARY

Laura Anderson	Rhode Island Hospital/ Brown University
Mariah Stump	Rhode Island Hospital/ Brown University

### NEUROLOGICAL SURGERY

William Ares	University of Pittsburgh Medical Center
Molly Hubbard	University of Minnesota

### OBSTETRICS & GYNECOLOGY

Shannon DeGroff	University of Conn. Health Center
Angela Dunn	Baylor University Medical Center Christiana Care (Del.) Banner Good Samaritan (Phoenix)
Kira Fiset Caroline Moats Geer	University of Utah Dartmouth-Hitchcock St. Joseph Mercy (Ypsilanti, Mich.) Stanford University Programs
Martha Monson Lindsay Peet Danielle Scribner	
Eleonore Werner	

### OPHTHALMOLOGY

Marissa Bucci Derek Huang	University of Colorado California Pacific Medical Center Henry Ford Hospital (Detroit)
Daniel Kim	

### ORTHOPAEDIC SURGERY

Michael Morwood	Duke University Medical Center
Scott Wasilko	UVM/Fletcher Allen

### PATHOLOGY

Joanna Conant Cheddhi Thomas Jessica Wood	UVM/Fletcher Allen NYU School of Medicine UVM/Fletcher Allen
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### PEDIATRICS

Megan Berube Meghan Beucher	Maine Medical Center Rhode Island Hospital/ Brown University
Daniel Carballo	University of Minnesota Medical School
Francisco Corbalan	Oregon Health & Science University
Colleen Gerrity	Rhode Island Hospital/ Brown University
Michael Hart Erin Hickman Jessie Kerr	Stanford University Programs Phoenix Children's Hospital Rhode Island Hospital/ Brown University
Hany Khattab Brock Libby Jenny Nguyen Laura Piper Rebecca Purtell	Phoenix Children's Hospital University of Virginia Loma Linda University Children's Hospital — LA St. Christopher's Hospital (Philadelphia)
Louisa Salisbury Tessa Scripps Meghan Small	Tufts Medical Center Mt. Sinai Hospital Rhode Island Hospital/ Brown University
Michael Visker	University of Wisconsin Hospital & Clinics

### PHYSICAL MED & REHABILITATION

Carl Cappelletti Alycia Horn	Johns Hopkins Hospital Albany Medical Center
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### PLASTIC SURGERY

Laurel Karian	UMDNJ — R.W. Johnson
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### SURGERY — PRELIMINARY

Maria Michael Ryan Smith	UVM/Fletcher Allen UVM/Fletcher Allen
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### PSYCHIATRY

Michael McQuiggan	Brown University/Butler University
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### UROLOGY

Benjamin King Michael Maccini Joseph Yared	UVM/Fletcher Allen University of Colorado Dartmouth-Hitchcock
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NOTE: For two-part residencies, the final location is listed here.



# FACTS & FIGURES

## STUDENTS

The college received 5,860 applications for the 114 positions in the Class of 2015, who began their first year in August 2011.

Total Medical Students .....	449
In-State .....	27.4%
Women .....	51.4%
Men .....	48.6%
Graduate Students .....	93
Post-Doc Fellows & Associates .....	54
MD-PhD Students .....	16

### Class of 2014

Median undergraduate GPA .....	3.70
Median MCAT — Verbal .....	10.0
Median MCAT — Physical Science .....	10.0
Median MCAT — Biological Science .....	10.0
Science and Math Majors .....	72%
Average Student Age .....	24.0 years

Students come from 23 states across the U.S.

## GRADUATES/ALUMNI

### Class of 2011

2011 graduates went on to residencies at 68 institutions across the nation, including Yale-New Haven Hospital, Rhode Island Hospital/Brown, the Cleveland Clinic, the Mayo Clinic, Harbor-UCLA Medical Center, Einstein/Montefiore Medical Center, Stanford University, and Fletcher Allen Health Care. Approximately 31 percent of the class matched to residencies in family medicine, internal medicine, and pediatrics.

### Alumni

Number of living alumni of the College .....	4,250
Percentage of alumni who practice in New England .....	44%
Percentage of Vermont physicians educated or trained at the academic medical 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.**

## ENDOWMENTS (Market Value as of June 2011)

2011 Department Support .....	\$65,345,024
Scholarship .....	\$23,545,046

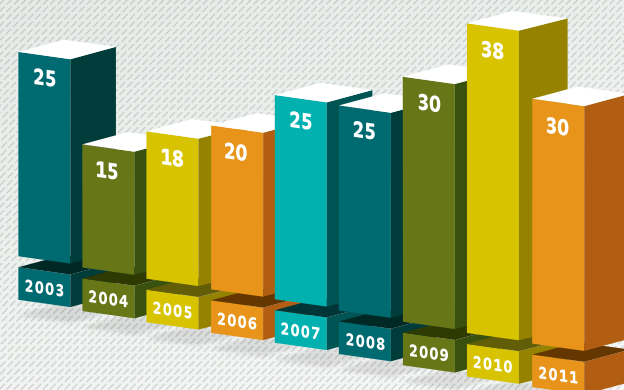
Total Endowment Value .....

\$88,890,070

## PRIVATE GIFT REVENUES

Private philanthropy to the College of Medicine from alumni, friends, and organizations totaled \$12.1 million for fiscal year 2011. For more detailed information about philanthropy, see page 42.

# 2011



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)

## FACULTY

Basic Science .....	79
Clinical .....	683
Volunteer (Vt., Maine, Conn., N.Y., Fla.) .....	1,113
Staff .....	415

## DEPARTMENTS

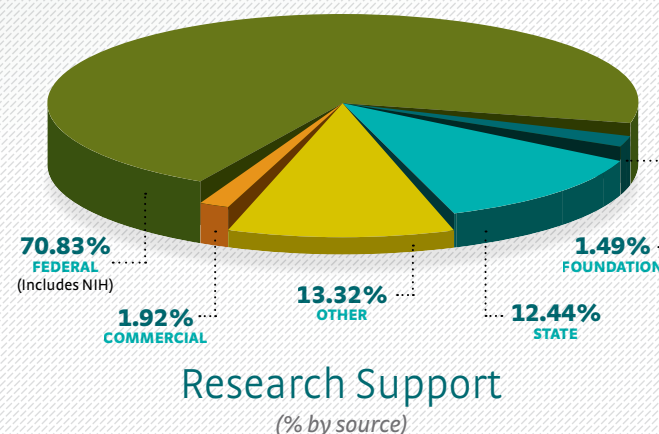
Basic Science .....	5
Clinical .....	11

## RESEARCH SUPPORT

Total dollars .....

\$77.5 million

A total of 303 research projects were active at the College in 2011. College of Medicine funding represents more than 60 percent of the 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

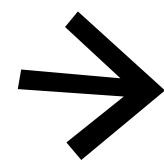
Total Area .....	566,500 sq. ft.
Given Building .....	196,000 sq. ft.
HSRF .....	110,000 sq. ft.
Courtyard at Given .....	31,000 sq. ft.
Medical Education Center .....	44,000 sq. ft.
Stafford Hall .....	70,000 sq. ft.
Colchester Research Facility .....	72,000 sq. ft.
DeGoesbriand .....	20,000 sq. ft.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

The Courtyard at Given was awarded Gold LEED certification and has received Efficiency Vermont's "Best of the Best" award. The College also maintains the Clinical Simulation Laboratory in cooperation with the College of Nursing & Health Sciences. New facilities projects include Given Research Labs, and, at the Colchester Research Facility, an Inhalation Facility, COBRE Immunology Lab, and the State Public Health Collaboration.



Top: Raj Chawla, UVM Med Photo; all others Mario Morgado





**W**ith the economy in the grip of the worst recession in 70 years, the passage of the American Recovery and Reinvestment Act (ARRA) in 2009 provided federal funding to a long list of public work projects across the nation. While allocations for highway and bridge repairs received extensive media coverage, less well known was the outgrowth of \$5 billion in new medical research grants offered through the National Institutes of Health (NIH).

The NIH itself identified a new initiative called the “Challenge Grants in Health and Science Research,” through which approximately 200 grants were allocated for innovative projects that “focus on specific knowledge gaps... that would benefit from an influx of funds to quickly advance the area in significant ways.”

Patience, and a high tolerance for repetition, is mandatory in the world of biomedical investigation, where proving a hypothesis can easily consume a decade, and years pass in the blink of an eye. Three \$500,000 NIH Challenge Grants were secured by investigators at the College of Medicine. These researchers only had two years to obtain results, but they rose to the challenge to deliver solid and sometimes surprising findings.

# FILLING THE GAP

by **Jennifer Nachbur** | photographs by **Mario Morgado**

**Three intensive research projects at the College of Medicine yield solid results and prepare new paths for further investigations.**





Professor of Anatomy and Neurobiology Rae Nishi, Ph.D., gathered experts from the university and across the region to examine the effects of nicotine and prototoxin genes on adolescent behavior in her NIH Challenge Grant project.

## ➔ STARTING FROM SCRATCH

A large multidisciplinary study with both animal research and human study arms, the Challenge Grant led by Rae Nishi, Ph.D., professor of anatomy and neurobiology, faced the steepest hurdle. She'd gathered experts from the university to help examine the effects of nicotine and prototoxin genes on adolescent behavior, and in particular, whether teens who smoke experience any long-term changes in their brains. With the Challenge Grant in hand, Nishi and her colleagues, at a remarkably amped-up pace, ticked through their long to-do list. For the animal arm of the study, they bred bioengineered mice — breeding colonies without the prototoxin gene and cross-breeding them with mice whose neurons carried a fluorescent protein, so that the structure of the neurons could be studied in “wild type” or non-bioengineered mice versus the genetically-manipulated “knockout” mice. In another arm of the study, they recruited 200 human participants, conducted behavioral testing, and collected and genotyped hundreds of DNA samples to determine the genetic makeup of the subjects who were tested.

“We proposed something no one had ever thought about before — we really ‘dreamt big,’” says Nishi.

“These molecules are more tied to anxiety and depression, which are both big factors in the need for a cigarette.”

—Rae Nishi, Ph.D.  
Professor of Anatomy and Neurobiology

Nicotine mimics a normal brain chemical, acetylcholine, a neurotransmitter in the brain. This activates the brain's reward center through receptors called nicotinic acetylcholine receptors. Nishi and her team wondered if a teen's smoking addiction could be tied to a difference in the sensitivity of the nicotinic receptors to acetylcholine. Specifically, the group examined the novel LY6-neurotoxin-like gene — or LYNX1 — suspected to be the likeliest gene to be involved in this process. Prototoxins — molecules that associate with nicotinic receptors in the brain — act like little brakes in the reception process. These molecules can prevent the nicotinic receptor from fully opening, thus slowing down its function. Nishi and her colleagues wondered if addiction to smoking was tied to an inefficient LYNX1 gene.

The study's subjects — adolescent mice and adolescent humans — underwent behavioral testing with and without the influence of nicotine. The team compared mice without the gene to normal mice, administered nicotine at the dose required to achieve the most pleasing response and observed how it influenced behavior. They then compared the genotyping data to determine any correlations to the mouse's susceptibility to nicotine. In the human subjects, Alexandra Potter, Ph.D., assistant professor of psychiatry, and colleagues employed a computer test, “Go/No Go,” that measures stop signal reaction time, along with surveys and a variety of psychiatric behavior measures. While the human behavior failed to exactly match the animal behavior results, both arms clearly illustrated how nicotine benefitted subjects.

Nishi and her team continue to work on a no-cost extension of the grant, and are in the process of analyzing the data. They have identified some very interesting trends from both arms of the study that follow a different path than the original hypothesis — a genetic link to anxiety versus susceptibility to addiction. “We found that it's a more complicated issue than just the activities of the reward center,” says Nishi. “It looks like these prototoxin molecules are more tied to anxiety and depression, which are both big factors in the need for a cigarette. The hypothesis is more complicated than we originally thought: people get hooked because the initial hit activates the reward center. But then, when you stop, you feel more anxious and depressed and that drives you to smoke again. Our work showed what genetically may tie to that response.” Members of the research team presented an abstract on their preliminary findings at the 2011 Society for Neuroscience meeting and will be submitting several papers and applying for grants once the analyses are complete.

This intense study notably generated results, but also concrete economic gains. “We hired three full-time research assistants, paid partial salaries for four investigators, purchased major equipment from two local Vermont vendors, MBF Bioscience and Med Associates. We also paid two consultants to assist in analyzing the human genetic data and several part-time staffers to collect data and run the human studies,” says Nishi, as she details the sort of expenditures that these kinds of intense research studies generate. “It was a hugely ambitious project to pursue in two years, but we got quite a bit out of it.”

## ➔ A COMBUSTION CONUNDRUM

Recognizing a significant correlation between air pollution and the development of disease, Professor of Medicine Naomi Fukagawa, M.D., Ph.D., and colleagues used Challenge Grant funding to analyze the biological effects



The Given Building laboratory of Professor of Medicine Naomi Fukagawa, M.D., Ph.D., was the setting for a Challenge Grant study of petrodiesel and biodiesel emission particles.



of emission particles — both petrodiesel and biodiesel — from a food systems perspective.

“Very little is known about whether biodiesel is better, worse or the same for the environment and for people,” says Fukagawa, who adds that the world’s push to break free from fossil fuel dependence has spurred on research in this realm.

She points out that biodiesel, often produced from food sources, can have a significant impact on food availability and pricing — raising corn prices, and shifting soybean use into biodiesel production. With about 925 million people categorized as hungry in the world, this creates a conflict: Are agricultural crops for humans, animals, or fuel?

Over 25 years of basic and applied research have led to the acceptance that petrodiesel fuel emissions have an impact on such health conditions as asthma, chronic bronchitis, chronic obstructive airway disease, cardiopulmonary diseases, and cancer. But, the mechanisms for the effects of the airborne particulate matter produced by these emissions remain unknown.

“Combustion of biodiesel fuels is associated with lower emission of particulate matter,” explains Fukagawa. “However, the health consequences of exposure to exhaust from combustion of pure soy biodiesel or a 20 percent soy biodiesel blend are unclear.”

As a first step, Fukagawa and her team previously published data on the mechanisms and outcomes associated with asbestos exposure, extending this to studies of diesel versus biodiesel emissions and fine particulate matter concentrations. In one experiment, biodiesel exhaust particles appeared to induce more lung inflammation and oxidative stress than petrodiesel particles after three days. The researchers also examined the impact of these particles in mice without the gene for apolipoprotein E (ApoE), a major component of very low-density lipoproteins, which is involved in the uptake and distribution of blood lipids. Mice deficient in ApoE are characterized by the development of atherosclerosis. After six weeks of inhalation of pure soy biodiesel, the ApoE-deficient mice appeared to have more atherosclerotic lesions than those exposed to filtered air.

“Very little is known about whether biodiesel is better, worse or the same for the environment and for people...”

—Naomi Fukagawa, M.D., Ph.D.,  
Professor of Medicine

With several journal manuscripts in progress, the group is already anticipating its next challenge, to determine the relative contribution of pure soy biodiesel versus the presence of petrodiesel in a 20 percent soy biodiesel blend and pure petrodiesel in producing the differential responses, which would affect exhaust particle size and composition.

## INVESTIGATING THE CLOT MYSTERY

Assistant Professor of Medicine and hematologist Neil Zakai, M.D., harnessed the ongoing NIH-supported REGARDS (Reasons for Geographic and Racial Differences in Stroke) study to investigate potential causes of a higher incidence in African-Americans of venous thromboembolism (VTE). VTE consists of deep vein thrombosis (DVT) — a blood clot that develops in the deep veins of the leg — and pulmonary embolism (PE), which occurs when a piece of the clot breaks off and travels to the lung.

The U.S. Centers for Disease Control estimates that 300,000 to 600,000 Americans suffer VTE each year and between 60,000 to 100,000 people die each year, as a result. However, the reasons underlying the 30 to 60 percent higher incidence in African-Americans of VTE were unknown.

For five years, REGARDS has been regularly surveying the health of more than 30,000 people, about half of whom are African-American, throughout the country. Between 2003 and 2007, the project focused on the collection of baseline information on medical conditions and blood samples from these volunteers, which are currently stored at UVM’s Colchester Research Facility.

First up for Zakai and colleagues was a review of the data on hospitalizations for the African-American participants, who were then administered a phone questionnaire to determine whether or not they had suffered a VTE. If the answer was “yes,” the team retrieved their hospital records regarding the event. In total, the group identified more than 1,000 potential events to review. Zakai and colleagues Mary Cushman, M.D., professor of medicine and a REGARDS co-investigator, and Aaron Folsom, M.D., from the University of Minnesota, reviewed the clinical characteristics surrounding 470 potential events following a protocol that required two reviewers per event and a discussion among the three clinicians to resolve any disagreements.

“We want to understand if and why African-Americans have higher rates of VTE events than whites,” says Zakai, whose recent article in the *Journal of Thrombosis and Haemostasis* on this topic provided a review of VTE trends in diverse racial groups, as well as a review of genetic and

“By understanding why there are differences and who is at most risk for VTE, we can begin to develop better and more targeted preventive measures to help reduce VTE in everyone...”

—Neil Zakai, M.D.  
Assistant Professor of Medicine



Assistant Professor of Medicine Neil Zakai, M.D., used the enormous resource of millions of blood samples stored at UVM to study the reasons for higher incidence of deep vein thrombosis in African-Americans.

environmental risk factors for VTE and information about how these factors add to differences in VTE according to race.

“By understanding why there are differences and who is at most risk for VTE, we can begin to develop better and more targeted preventive measures to help reduce VTE in everyone,” say Zakai and his co-author Leslie McClure, Ph.D., of the University of Alabama at Birmingham.

Zakai, who with his colleagues is currently constructing the database to house all of the collected information that will allow an analysis of the clinical characteristics of the VTE events, is hopeful about the results yielded from the project.

The team’s next goal is to combine the new data with information gleaned from the national Longitudinal Investigation of Thromboembolism Etiology (LITE) study, which has followed 20,000 people, mostly white, for roughly 18 years.

“While differences in VTE by race due to genetic predisposition will probably always be present,” say Zakai and McClure in the *Journal of Thrombosis and Haemostasis* article, “understanding the reasons for racial differences in VTE will help providers develop strategies to minimize VTE in all populations.”





S T U D E N T V I E W

# LESSONS FROM DOÑA PAULINA

by **Peter Cooch** | photographs by **Jessica Eve Rattner**

When second-year medical student and Randolph, Vt., native Peter Cooch saw the prompt last year for the Ascona Essay contest from the International Balint Foundation, it was a chance he couldn't pass up. "Although I was only a first-year medical student, as soon as I saw the topic I knew exactly who I would write about," says Cooch. That person is Doña Paulina, the 85-year old indigenous Mayan woman, for whom Cooch served as a woundcare technician while volunteering for a medical clinic in the Guatemalan highlands. The Balint Foundation, named in honor of the couple who coined the term "patient-centered medicine," presents the award biennially for essays that describe a student-patient relationship, an experience or experiences from the student's medical studies, which includes critical reflection on personal meetings with patients. *Vermont Medicine* presents Cooch's own edited version of his 2011 winning essay.

The following events occurred prior to my entrance into medical school, during the time I spent volunteering at a clinic in Guatemala. For much of that time, I worked as an aide for an elderly Mayan woman recovering from a sizeable ulcer. My friendship with this octogenarian hermit, with whom I share almost no language or cultural background, is among the oddest and most difficult relationships of my life. Yet, for those same reasons, it has been one of the most meaningful.

It took a long chain of events for me to meet Doña Paulina. I first came to Guatemala in 2008. During my travels, I visited Santa Cruz la Laguna, a community of indigenous Mayans in the Western highlands. There, I encountered a pair of physicians who operated a small clinic. After spending a few days around trying to lend a hand, I asked if I could stay to volunteer for the next seven months. To my surprise, they agreed.

The doctors' model was built around mobile outreach clinics. Twice per week we'd pack up medications and equipment and travel to several nearby villages, seeing from thirty to ninety patients. It was during one such day that Doña Paulina's story first came to us. We were in the village of Tzununá. Late in the afternoon, a visitor asked if we could check on his neighbor. He had stopped by her home and found her bedridden and delirious. After the last patient had been seen, our nurse practitioner set off to investigate. What she found was heartbreaking.

In Spanish, "Doña" is a respectful title, a step above "Señora." Although none of the clinic staff had heard of her, Doña Paulina was perhaps the oldest living person in Tzununá. She believed she'd been alive for 85 years. Having long outlived her husband and children, she had been left completely alone.

However, this remarkable spirit was now close to fading away. A circumferential ulcer had consumed her left calf. It had eroded down to the fascia and swollen her foot like an inflated rubber glove. She didn't have diabetes or varicosities. A small cut, bite, or burn must have become infected. As she remained unaware of options for treatment, it progressed to a chronic wound and then a systemic infection. None of the staff who'd visited her believed she would live for many more weeks.

In the U.S., such an ulcer would certainly warrant hospitalization. But the choice was different in Guatemala. Over 85 years, Doña Paulina had likely never left her village. The nearest hospital, several hours away, is known among Mayans as the place where people go to die. We considered the shock of pulling her from her home, and decided we'd be doing more harm than we could hope to cure.

Our clinic was only outpatient, however. The most we could offer were home visits to bring her infection and dehydration under control. As the most expendable member of the clinic staff, and eager to undertake any medical assignment, I was chosen to be her caregiver.





Peter Cooch '14 sits in Dona Paulina's small hut in Santa Cruz la Laguna, in the highlands of Guatemala. Since his first visit to Guatemala in 2008, Cooch has returned several times.

I will never forget the first time I visited. Doña Paulina lived deep in the forest above the village. Her home was constructed of entwined branches and dried earth. There was no electricity, water, or plumbing. I knocked and entered. The only illumination came from sunlight filtering between the bamboo stays. The floor was earth and the ceiling was glazed with creosote from indoor cookfires. I knelt at the side of a pallet containing a child-sized woman. Her eyes, deeply sunken in parchment flesh, flickered with pain and sorrow that was utterly foreign to me. She spoke

“My first view of her calf reminded me of a panorama from the American southwest. Deep canyons and fissures scored her flesh, streaked with angry reds, green patinas, and yellow seeps. ... If this was so hard for me, I wondered, how unbearable could it be for her?”

—Peter Cooch  
Second-year medical student

no Spanish, nor did I understand her dialect. I hesitated, unsure what to do. Then I put on gloves and helped to lift her leg off the bed.

Changing Doña Paulina's dressings eventually became a familiar routine, but that was not the case on the first day. With trepidation, I unwrapped the loops of gauze, already saturated with exudate. I felt air in the hut growing thicker. My first view of her calf reminded me of a panorama from the American southwest. Deep canyons and fissures scored her flesh, streaked with angry reds, green patinas, and yellow seeps. I had to take a long pause before I was able to continue. If this was so hard for me, I wondered, how unbearable could it be for her?

Initially, the entire process could take nearly an hour. I'd irrigate the wound with copious amounts of saline, then apply a coat of silvadene ointment. After finishing the dressings, we'd both be exhausted. I had been working by headlamp, meticulously trying not to cross-contaminate my supplies. She held her frail body upright, eyes closed, murmuring prayers. I'd end by making her a glass of powdered milk and give her her next dose of antibiotics.

I began making trips every other day. Our routine progressed. I became speedier and more proficient with the dressings. She made requests for sundry items, like candles or matches. Several months in, it was becoming clear that Doña Paulina was not about to give up. Day by day, the margins of her ulcer grew pink and started to fill in. When I arrived, she was just as likely to be up and tending her fire as in bed. With her inquisitive eyes, wrinkled skin and walking staff, she reminded me a little of Yoda from Star Wars.

Our patchwork system of communication was also mending. We had been finding remarkable overlap between the handful of Spanish words she revealed and the Kaq'chikel I was practicing. We had a formal greeting every time I arrived and could make small talk about the weather. I could ask her about her pain, explain medication schedules, and ask what she needed. To be sure, when she started to chatter, I found the words as indistinguishable as ever. Yet the tones were unmistakable: banter, reproach, or curiosity.

It was clear this mission might end up much more than palliative care. Unfortunately, my seven months were nearly over. I needed to replenish my finances, and had the option of returning to the states to work for the winter. Over my final few weeks I transitioned her care to the clinic staff.

Back in the U.S., I spent the next five months working and fundraising. I made plans to drive my old pickup truck from the U.S. to Guatemala in the spring of 2009. There, I would convert it into an ambulance and donate it to three nearby villages. I started my journey in early May. In the course of three weeks I drove almost 7000 kilometers through the U.S. and across Mexico.



Peter Cooch's patient, Doña Paulina, lives in a square wattle-and-daub hut that measured roughly nine feet per side, with about five feet of headroom. "Other than some pots and utensils, plastic buckets and the corrugated tin roof, there were almost no industrially-fabricated objects — in a country inundated with cheap plastics," Cooch says, describing his first visit to her home. "The bedding and baskets were hand woven, the walls bound with twine, and the stool and bed frame simply carpentered. The floor was earth and the ceiling was glazed with creosote from indoor fires. Bundles of herbs hung from the ceiling, and a rosary."





# NEW LIFE FOR OLD WHEELS

**Peter Cooch** first travelled to Guatemala in the fall of 2008. After that experience, he remained connected to the Central American country through an organization called Mayan Medical Aid. Cooch took on the responsibilities of volunteer coordinator and grant writer for the group from his winter quarters in Montana.

He returned to the Guatemalan village of Santa Cruz la Laguna in 2009. On the last day of his seven-month stay, as he describes it, “A Mayan farmer hailed me from up on the hillside. I followed him to his home, where I found a young woman, feverish, and in intense abdominal pain. I urged the family to take her to the hospital, but they were unable to do so: there were no vehicles in the village and, should one happen by, transport might cost a week’s wages. In the end, I arranged to have medical aid sent to her, but I found out a few days later that she had died from complications of a ruptured appendix.”

Back in Montana, Cooch had left his old pickup truck packed with all his possessions parked in a friend’s garage. Battered and well used, the truck would never pass inspection in Vermont, where Cooch would soon be heading to medical school. But in Guatemala, it could provide vital service as a rural ambulance. In May 2010 Cooch drove the vehicle from Montana to Guatemala. Its odometer clicked to 200,000 miles as he arrived in the village.

Since then, the truck has been repaired and outfitted as an ambulance by a local trade school. And Cooch found plenty of support for his efforts when he came to UVM. Last summer he returned to Guatemala, and was joined by his classmate **Adam Ackerman** (seen above right, with ambulance). With equipment donated by the Department of Pathology and Mass General Hospital, they set up a fully operational pathology lab. Cooch and Ackerman returned again this February, along with med student **Nathan Louras**.

The first day I returned to Santa Cruz la Laguna in 2009, I was greeted by the sight of Doña Paulina standing outside of her house, shooing around a gaggle of chicks. During my absence, a fourth-year medical student and his wife had volunteered at the clinic. Rather than powdered milk and eggs, they had brought her home-cooked meals. Under their care, her health had improved significantly.

She was even more talkative, if possible, from the last time I’d ever seen her. She could name off her favorite dishes, such as beef stew, chicken and fish, and was not shy about doing so. The ulcer had healed from the size of five or six hand-prints to a narrow band on the inside of her leg.

Yet not all the steps had been forward. In the three weeks since the last volunteer’s departure, no one had come to visit her. A thick coating of ash had been applied to the ulcer, as well as magenta-colored flakes I’d never seen before. I was alarmed when she broke into a deep, hacking cough.

That morning’s cleaning was painstaking for me and excruciating for her. I picked at the crust of dirt, trying to spare the tissue below. Doña Paulina clucked and gesticulated in agitation. After an almost an hour the wound was superficially cleaned, but clearly macerated and purulent. Her progress, and our relationship, no longer seemed on such solid footing.

As I walked home, I tried to clear my head. I had just over two months in Guatemala before I started school. I promised myself that I’d do whatever it took to heal her before I left. Yet my good intentions couldn’t seem to yield results. Antibiotics cleared up the pus, but did little to help the cough. Meanwhile, Doña Paulina became more and more resistant to receiving care. I realized she wouldn’t tolerate bandages for longer than 48 hours. Past that point, she would once again expose the ulcer and smear it with ashes. She explained that the wound appeared dryer, and thereby healthier, when it was rubbed with cinders.

I made sure that much time never elapsed between visits, but the threshold kept dropping. I dabbled in pleading, reason, and bribery, such as making the food I brought contingent on her bandages. Whenever I arrived to find them removed, I would scold her and place the food I’d brought back in my backpack. But each time, after explaining the need for patience and consistency, I would relent. I imagine she always knew that I was only capable of bluffing.

Although Doña Paulina still reluctantly allowed me to clean the wound, she would flat-out refuse care from the rest of the clinic staff. Despite the remarkable improvements she’d made, our efforts had been completely discredited.

Why was she upset? Her pain must have been unbearable. But surely she could appreciate the progress we’d been making? She wanted to let the wound air out, a concept with a certain intrinsic appeal. Yet I could see no way to do that without reversing the delicate healing.

I was asked by others, as I sometimes wondered myself, why I kept pressing the issue. She had made it clear that my assistance was no longer necessary. In the time I took for a home visit, one of the clinic staff might finish four consultations. Prevention and treating acute illness was a much more efficient use the clinic’s limited

resources than this quagmire. And I knew that it was unlikely anyone would carry on with her treatment after my departure. Yet this knowledge only added to the pressure I felt to do the most I could.

My concern over the ulcer and unremitting cough had been growing. A few weeks later I brought a translator and our clinic’s attending physician along with me to see her.

With some prodding from our attending and insightful questioning by our interpreter, the truth came pouring out. Doña Paulina admitted to buying plugs of tobacco with the money I’d been giving her. I was completely taken aback — smoking is almost unheard of in the area. We told her that tobacco was causing her cough and delaying her healing. She countered that it was the only thing that helped. In fact, she claimed the cough had only worsened because we hadn’t been giving her enough money to replenish her cache.

She plowed onwards, stating that her own medicine was the only thing that had ever healed the ulcer. She produced a small bag of magenta granules, the same flakes I’d seen in the ulcer a few months earlier. Our interpreter recognized the substance as a potent agricultural insecticide.

After an unsuccessful attempt to confiscate the flakes, we departed. Our doctor had found the exchange quite humorous, but I felt at a complete loss. I had to leave in a few weeks. The ulcer looked worse than it had when I had returned. How could I transfer care of such a recalcitrant charge? We had known each other for over a year, and yet I was scarcely welcome.

I did what I could. I kept visiting, although I knew the bandages were removed as soon as I left. I realized her edematous feet no longer fit into her plastic slippers, so I bought her a pair of rubber clogs. The fact they mirrored my own giant pair earned a laugh and perhaps restored some good will between us.

Once again, I departed with very little sense of closure. The clinic informed me that after I left, Doña Paulina began refusing treatment altogether. I could only imagine what had become of her. Sometimes she struck me as so resilient I couldn’t imagine her departing this earth. Other times her vulnerability was so complete that I marveled she hadn’t wised away before my eyes.

Over the following year, I thought about Doña Paulina frequently. Our worlds were so different it seemed improbable we had ever found common ground at all. I had been twenty-four, while she was old enough to no longer know her age. I had traveled from thousands of kilometers away. She had never journeyed farther than she could walk. I’ve spent two decades in school; she spent two decades waiting out civil war. While I enjoyed perfect health, she had endured years of agony. While I plugged in my laptop

and turned on the lights, she lay in the dark from sunset to sunrise.

Although I felt frustration, the troubles of a provider and a patient occupy entirely different planes of existence. She had a debilitating injury. She couldn’t know what caused it, whether it would ever go away, or if it might kill her. For a year, she had let strangers come into her home. I had scolded, bribed, and questioned her. Each time, she’d been subjected to invasive procedures, via pills, intramuscular injections, or canalization.

Despite these gulfs, a connection had indeed existed between us. We’d shared laughter at my massive shoes next to her miniscule pair. There had been effort on both our parts to communicate. When she thanked us for food and gifts, I was sure her gratitude was always sincere. And she most likely had tolerated my presence and interventions far beyond her own intuition or comfort.

As the patient-caregiver paradigm so often invites, our contact was founded on dependency and inequality. I’ve been judgmental, ethnocentric, and patronizing. But I’ve also felt humility, frustration, elation, and sorrow in her presence. I have enormous respect and affection for her. I hope I was able to extend some comfort into the years of a formidable individual. I wish that I had been able to do more. Above all, I am grateful to have been able to play a role in her life. **UVM**

*I did return to Guatemala in the summer of 2011. I am delighted to report Doña Paulina is doing better than ever, despite the fact that not a soul visited her after I left. The first time I saw her, she was a kilometer down the road from her house, walking to the little market where I used to buy her food. Her ulcer has completely healed. She has lived 85 years without help from me or anyone else, and she’s back to business as usual.*



webXtra

For more photos of life and health care in Guatemala, the full original prize-winning version of this essay, and Peter Cooch’s own account of his ambulance delivery journey across the U.S., Mexico, and Central America, Go to: [uvm.edu/medicine/vtmedicine](http://uvm.edu/medicine/vtmedicine)



# DEPARTMENT REPORTS

Brief reports on the activities of the basic science and clinical departments at the College of Medicine in fiscal year **2011**

## DEPARTMENT OF Anatomy and Neurobiology

Rodney L. Parsons, Ph.D., Chair

**T**he Department of Anatomy and Neurobiology (ANNB) had a busy and productive year. ANNB faculty successfully supported the many departmental educational missions involving undergraduates, medical students, graduate students, and residents while also maintaining active research programs in molecular and developmental neuroscience, neural control of autonomic function, and environmental toxicology. In addition, ANNB faculty worked with counterparts from the Department of Neurology to complete plans for the merger of the two departments which, effective July 1, 2012, will create a new Department of Neurological Sciences.

The National Center for Research Resources Center of Biomedical Research Excellence (COBRE) in Neuroscience award continued to support two multi-user research cores: the Cell/Molecular Core and Imaging/Physiology Core, and provided pilot project support for three neuroscience investigators. COBRE funds also supported the Summer Neuroscience Undergraduate Research Program. A transitional Neuroscience COBRE P30 grant was awarded effective July 1, guaranteeing five more years of support for the multi-user research cores. It also provides continued pilot project support and funding for a neuroscience seminar series and an annual neuroscience retreat.

Faculty remained committed to support of the Vermont Integrated Curriculum. Cynthia Forehand, Ph.D., served as the Foundations Level Director and Director of the Neural Science Course. Carson Cornbrooks Ph.D., Jerome Fiekers, Ph.D., and Elizabeth Ezerman, Ph.D., were Directors of the VIC Connections, Cell and Molecular Biology, and Human Structure and Function courses, respectively. Ellen Black, Ph.D., Diane Jaworski, Ph.D., and Jean Szilva, M.D., were recipients of awards from the first-year medical students in recognition of their teaching excellence and dedication.

ANNB faculty held a number of administrative positions last year. Dr. Forehand continued to serve as associate dean of the Graduate College. Rae Nishi, Ph.D., was appointed chair of the Neuroscience, Behavior and Health Spire Steering Committee and continued as director of the University-wide Neuroscience Graduate Program. ANNB faculty also served on College of Medicine committees such as the Admissions Committee, Faculty Standards and Promotions Committee and ad hoc committees that revised the College of Medicine Faculty Handbook and College Standards and Guidelines.

Professionally, ANNB faculty served on Scientific Advisory Boards in their area of research expertise or on national society committees. Faculty were invited speakers at international meetings, served on NIH Study Sections and NSF Program Review Panels, were members of scientific journal editorial boards, reviewed manuscripts for neuroscience journals and supported local community activities such as the Vermont Regional Brain Bee, Girls' Science Discovery Day, and Brain Awareness Week.

### SELECTED HIGHLIGHTS

- AANB faculty published in such journals as: *Nature*; *Neurogastroenterology & Motility*; *Endocrinology*; *Journal of Physiology*; and *Journal of Neuroscience*.
- Research projects are funded by grants from the National Institute of Neurological Disorders and Stroke; National Institute of Diabetes and Digestive and Kidney Diseases; National Institute of Drug Abuse; National Center for Research Resources; and the National Institute of Environmental Health Sciences.
- Matthew Rand, Ph.D., was recipient of an Inventor Hall of Fame award for co-invention and successful commercialization of the Patent "Inhibition of Coagulation in Blood and Blood Products" with Kenneth Mann, Ph.D.



Jean Szilva, M.D., lecturer in Anatomy and Neurobiology, was awarded the AMSA Golden Apple Award for Excellence in Teaching by the Class of 2014 during their Foundations Awards presentation.



## DEPARTMENT OF Anesthesiology

Howard M. Schapiro, M.D.'80, Chair

**R**esearch in the Department of Anesthesiology is advancing on a number of fronts, as Robert Williams, M.D., and Ian Black, M.D., in collaboration with the UVM Jeffords Center, are pursuing novel, epidemiologic approaches to explore the potential neurotoxicity of anesthetic exposure in neonates and infants. This research utilizes the Vermont Infant Spinal Registry, a database of more than 2,000 subjects, begun in 1979 by Chris Abajian, M.D. Because this is such a large and longitudinal cohort of surgical patients who were not exposed to general anesthesia in infancy, we have a unique opportunity to answer the question of whether infants who received spinal anesthesia ultimately exhibit differences in school performance, cognitive function, and behavioral outcomes.

Reflecting a trend toward exploiting large volumes of clinical data that has become available through anesthesia information systems, William Paganelli, M.D., Ph.D., is leading our department's contributions to the Multicenter Perioperative Outcomes Group, a consortium of more than 20 academic medical centers that pools anonymized, perioperative data that is available for research.

Vincent Miller, M.D., is expanding his contribution to the UVM Clinical Simulation Laboratory and conducting two research studies using medical simulation. In one, he is examining approaches to teaching and acquisition of intubation skills to third-year medical students. In the other, he compares placing an endotracheal tube to a laryngeal mask airway during a simulated cardiac arrest.

Closed-loop delivery systems are a natural outgrowth of current knowledge and technology in anesthesiology. Donald Mathews, M.D., has developed a closed-loop anesthetic delivery system which administers both a hypnotic agent (propofol) and an opioid (remifentanyl) thereby maintaining a stable anesthetic state. This line of research explores the interface of hypnosis and analgesia in an effort to optimize patient outcomes following surgical procedures.

### SELECTED HIGHLIGHTS

- Department of Anesthesiology faculty members published research in *Anesthesia & Analgesia*; *Anesthesiology*; and *Techniques in Regional Anesthesia and Pain Medicine*.
- Presentations were made by faculty members at the Echocardiography for Intensivists and Emergency Medicine Clinicians conference in Boston; International Anesthesia Research Society annual meeting in Vancouver, British Columbia; International Volunteers in Urology regional meeting in Vietnam; and the Society of Critical Care Medicine annual meeting in Chicago.

We are delighted that three of our faculty members are serving in national leadership positions for clinical care, research and teaching. Donald Mathews, M.D., chairs the Research Committee for 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., was named to the Board of Directors of the American Society of Anesthesiologists.



Associate Professor of Anesthesiology David Adams, M.D., also is Associate Dean for Graduate Medical Education and was recently named chair of the Research and Education Committee of the UVM Medical Group.

## DEPARTMENT OF Biochemistry

Paula B. Tracy, Ph.D., Interim Chair\*

**D**uring 2011, the Biochemistry faculty sustained and demonstrated their commitment to excellence in research, education and local, national and international service. Our research activities were supported by fifteen grants from federal or corporate funding sources, as well as non-profit organizations. These funds allow all departmental faculty to remain actively engaged in their various research endeavors, the majority of which reflect a commitment to collaborative investigations with each other, other members of our university community, and other national and international research scientists. Despite national declines in research funding, Associate Professor Kathleen Brummel-Ziedins, Ph.D., and Professor Kenneth Mann, Ph.D., received significant funding from the Department of Defense to better understand how the human body responds to severe hemorrhage as might be encountered on the battlefield. Likewise, Professor Scott Morrical, Ph.D., collaborated with a team of investigators led by Susan Wallace, Ph.D., Professor and Chair of Microbiology and Molecular Genetics, who recently garnered an additional five years of NIH support for their programmatic studies on DNA repair. Saulius Butenas, Ph.D., tapped into the corporate funding pool by obtaining support from Baxter Healthcare for his innovative studies dealing with new treatments for hemophilia. Equally important, Ashley Steere, then a third-year graduate student, competed successfully for a predoctoral fellowship from the national American Heart Association to fund her last two years of work studying the mechanisms which regulate the intracellular release of iron from its transport protein, transferrin.

Our collective research endeavors resulted in the publication of 37 peer-reviewed publications in some of the most prestigious journals in the individual faculty member's area of emphasis. Graduate students, post-doctoral fellows, research associates and several undergraduate students training with our faculty made significant contributions to our research programs and productivity. Their presence in our laboratories underscores the faculty's commitment to undergraduate, and pre- and post-doctoral training. In many instances our graduate students are the driving forces within the laboratory as evidenced by their being the first-authors on eleven recent publications. In addition, seven of our thirteen senior graduate students presented their work in various prestigious venues including Keystone, FASEB and Gordon Conferences, as well as national and international meetings in their area of study. Three of our doctoral candidates successfully defended their dissertation work and have moved on to academic post-doctoral positions at well-known universities.

Not only do our faculty maintain a significant College and University presence due to the substantial committee work that is done, but a national and international presence in our respective fields of study is apparent as well. Our faculty continue to receive invitations to discuss their work in platform



Professor of Biochemistry and Medicine Kenneth Mann, Ph.D., received the Henri Chaigneau Prize in 2011.

presentations at national and international meetings. Dr. Mann's four decades of outstanding contributions to the field of hematology continue to earn him recognition with his service as Chair of several Working Groups within the NIH and U.S. Army and, more recently, with receipt of the prestigious Henri Chaigneau Prize from the Association Française des Hémophiles. Christopher Francklyn, Ph.D., remains on the editorial board of *The Journal of Biological Chemistry* and continues as a regular columnist of "Study Section Insider" for the website principalinvestigators.org. Finally, several members of our faculty continue their outstanding work on various NIH study sections, which again reflects their status within the academic community.

### SELECTED HIGHLIGHTS

- Publications by faculty in such journals as *Blood*, *Proceeding of the National Academy of Science*, *Nucleic Acids Research*, and *Arteriosclerosis, Thrombosis, and Vascular Biology*.
- Of the 37 peer-reviewed publications by biochemistry faculty in 2011, fifteen reflect collaborative efforts of faculty within the department and College. Trainees were the first author of eleven articles. Graduate students were the first author of four of the five most notable department publications in 2011.
- Study section service by department faculty on the American Heart Association Thrombosis I panel (Beth Bouchard, Ph.D.), and NIH Special Emphasis Panel in Biological Chemistry and Molecular Biology (Christopher Francklyn, Ph.D.).

\* Gary Stein, Ph.D.'69 will assume the Chair of Biochemistry on July 1, 2012.



## DEPARTMENT OF Family Medicine

Thomas C. Peterson, M.D., Chair

There were many highlights for the Department of Family Medicine in 2011.

Our new faculty include Rachel Humphrey, M.D., Peter Igneri, P.A.-C., Clara Keegan, M.D., Gretchen Klein, D.O., Tim Lishnak, M.D., and Terry Stein, M.D., who bring expertise in acute care, rural family medicine, and residency education. Department faculty with new roles include John King, M.D., as vice-chair of Family Medicine, Karen Burke, M.D., as associate residency director, and Timothy Burdick, M.D., as the physician leader for our enterprise electronic medical record.

Among notable faculty events are retirement of Allan Ramsay, M.D., as professor of Family Medicine and director of the Palliative Care Service, coinciding with his appointment to the State of Vermont Green Mountain Care Board. Brian Flynn, Sc.D., retired as emeritus professor of Family Medicine and as director of the Office of Health Promotion Research. Emeritus faculty member John Saia, M.D., received the Vermont Family Physician of the Year Award.

Faculty and staff support the community through activities such as free clinics, wilderness rescue, boards and foundations service, and invited lectures and articles on topics from lactation to palliative medicine. Four clinical practices — Milton, Berlin, South Burlington, and Colchester — have achieved National Committee for Quality Assurance Level 3 recognition as patient-centered medical homes.

The department has substantial achievement in medical student education through its expanded third-year clerkship, elective offerings, course leadership, and advising programs.

The restructuring of the clerkship and our new affiliations with Danbury Hospital and Eastern Maine Medical Center have afforded the department with opportunities for innovation and enhanced curricular elements. Within the expanded



Associate Professor of Family Medicine John King, M.D. (at left) speaks with resident Rachel Humphrey, M.D., at Milton Family Practice in Milton, Vt.

### SELECTED HIGHLIGHTS

- New book authors include Laura McCray, M.D., and Omar Khan, M.D.
- Family Medicine faculty receiving awards this year include Michael Sirois, M.D., as Faculty Teacher of the Year; Laura McCray, M.D., as a Frymoyer Scholar; Kevin Rodgers, M.D., as Residency Teacher of the Year; Heather Stein, M.D., as STFM Resident Teacher; Allan Ramsay, M.D., receiving the Vermont Medical Society Distinguished Service Award; and Allyson Bolduc, M.D., as CME Educator of the Year awarded by the University of Vermont Medical Group.
- The new College of Medicine Educator Pathway includes five Family Medicine faculty: Eileen CichoskiKelly, Ph.D., Peter Igneri, P.A.-C., Cate Nicholas, Ed.D. Karen Richardson-Nassif, Ph.D., and Martha Seagrave, P.A.

clerkship, we have developed a highly effective skill and knowledge building week led by a number of family medicine faculty members to prepare students to be fully engaged and competent at their preceptor sites. The lengthened clerkship allows students to better appreciate two key aspects of family medicine, comprehensiveness and continuity.

Fourth-year students applying for family medicine residencies have been active in research, advocacy, editorial work on a national publication, international and national medical service to disadvantaged and underserved populations.

Our residency program thrives with record applicant numbers, innovative curriculum, and commitment to rural and underserved health, patient-centered medical home development, and community medicine. Of recent residency graduates, 57 percent elected to practice in Vermont.

Family Medicine provides leadership for two week-long educational initiatives at the College of Medicine; Primary Care Week and Palliative Care Week. Our continuing medical education efforts include our 35<sup>th</sup> Annual Family Medicine Review Course, our 10<sup>th</sup> 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.

Faculty scholarship is expanding with projects in farm worker care, breast and ovarian cancer screening, patient education using media and graphical decision aids, lactation education, behavioral motivation for self-care of chronic conditions, lead screening, and prevention of health professional fatigue and error.

## DEPARTMENT OF Medicine

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



Harold L. Dauerman, M.D., professor of medicine and director of cardiovascular catheterization, performs a procedure in the "cath lab."

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 Cardiology, Dermatology, Gastroenterology, Hematology-Oncology, Infectious Disease, Nephrology, Primary Care Internal Medicine, and Pulmonary and Critical Care Medicine.

The Department continues to be a national leader in research. On June 10, 2011, we held the third department-wide Research Day, which highlighted the strength and breadth of the research enterprise. Unfortunately, it is impossible to list each individual accomplishment. In aggregate, department faculty published nearly 300 manuscripts, reviews, chapters, and books. Many faculty members serve on NIH study sections, are editors of journals, and are members of editorial boards. Research funding continues to be robust, including COBRE awards, a PPG, a contract to establish and support a Vaccine Testing Center, mentored awards, T32 (training) grant and individual RO1 and R21 awards, as well as additional research and grant funding at Fletcher Allen.

Faculty participate extensively in the medical education and 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 in the Department. The faculty received a number of honors and awards this year for their contributions to education. William Hopkins, M.D., received the Foundations Teaching Award, the Foundations Course Director Award, and the AMSA Golden Apple Award from the Class of 2014. The course that he directed, Cardiovascular,

Respiratory & Renal Systems, won the award for Outstanding Foundations Course for the fifth year in a row. Jan Carney, M.D., was selected as a Frymoyer Scholar for the 2011 and 2012 academic years. David Kaminsky, M.D., won the Outstanding Teacher of the Year, Subspecialty Medicine Award; and Jaspinder Sra, M.D., was named the Outstanding Teacher of the Year, General Internal Medicine Award, by the Medicine housestaff.

Examples of new clinical initiatives this year included the successful roll-out of our electronic medical record (PRISM) to all clinical sites, collaborative efforts to bring transcatheter aortic valve implantation techniques to the region, recruitment of faculty and equipment to begin advanced GI manometry studies in support of further development of a Digestive Disease Center, and co-location of our Endocrinology and Cardiology Units to optimize patient care, space, collaborative research, and teaching. We are also positioning ourselves for the changes in health care by participating in a Vermont pilot on payment reform for sub-specialty services, developing expansion plans for Dermatologic services, furthering our outreach relationships, developing a Thyroid Cancer Multidisciplinary Clinic with Otolaryngology, Hem/Onc, and Endocrinology, and introducing ultrasound services in Rheumatology. The providers in PCIM expanded their roles in the Vermont Blueprint for Health and the Hospitalists increased their service to be able to care for virtually all of the inpatients on the Medicine service as well as to expand their role in the teaching of medical students and residents.

### SELECTED HIGHLIGHTS

- Faculty published in such journals as the *Annals of Internal Medicine*, *Molecular Biology Cell*, *Annals of Biomechanical Engineering*, *Journal of the American Medical Association*, and *Critical Care Medicine*. Nadia Bambace, M.D., published a cover article review on the role of platelets in tumor progression in the *Journal of Thrombosis and Hemostasis*.
- This year members of the department were recognized by two programs initiated by the UVM Medical Group at Fletcher Allen: Christopher Huston, M.D., was named the Junior Investigator of the Year and research grants submitted by Renee Stapleton, M.D., and Frederike Keating, M.D., were selected for funding.
- Theodore Marcy, M.D., was awarded the 2011 Unsung Heroes' Award by the American Lung Association and the C. Everett Koop Foundation. Dr. Amanda Kennedy, Pharm.D., was named the 2011 Pharmacist of the Year by the Vermont Society of Health System Pharmacists.



DEPARTMENT OF  
Microbiology and Molecular Genetics

Susan S. Wallace, Ph.D., Chair

The Department of Microbiology and Molecular Genetics (MMG) and its thirteen faculty members play important roles in the research and educational missions of the College and the University. The Department has a vibrant graduate program with over 30 doctoral students, teaches medical students 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. The MMG faculty whose research is focused on microbiology interact with adjunct faculty in Infectious Diseases and Animal Sciences. These faculty members also work together in the Immunology and Infectious Disease COBRE Program. The faculty whose research focuses on proteins and nucleic acids interact with additional adjunct faculty from Biochemistry here at the University as well as with Joann Sweasy, Ph.D., who is an adjunct faculty member from Yale. This group's interest expanded this year to the single molecule arena where collaborations are ongoing with David Warshaw, Ph.D., and his colleagues in the Department of Molecular Physiology and Biophysics. The Department also has a small but growing group of faculty who are bioinformaticists and whose work underpins, interfaces with, and supports the research of the bench scientists in the Department and the College.

This year MMG faculty have published more than 60 papers in high profile journals including several in *PLoS*, the *Proceedings of the National Academy of Sciences*, *Journal of Molecular Biology*, *Molecular Microbiology*, *Traffic*, and *Nature Structural and Molecular Biology*, to name a few. Faculty have also given 40 presentations at national and international meetings and at universities all over the world. As examples, Markus Thali, Ph.D., gave the Plenary Lecture at the 4th European Tetraspanin Meeting, in Birmingham, England. Aimee Shen, Ph.D., gave a symposium talk at the Gordon Conference

SELECTED HIGHLIGHTS

- Faculty are members of 17 editorial boards including such prestigious journals as the *Journal of Biological Chemistry*, *Structure*, *PLoS Biology*, and *Eukaryotic Cell*.
- Five MMG faculty serve as frequent ad hoc reviewers to the NIH and on NSF panels, while Markus Thali, Ph.D., is a permanent member of the AIDS Molecular and Cellular Biology Study Section.
- Susan Wallace, Ph.D., the Chair of the Department, was honored this year as a University Distinguished Professor.

on Microbial Toxins and Pathogenicity and Susan Wallace, Ph.D., gave the keynote lecture at a symposium honoring women in Radiation Research at the International Congress of Radiation Research in Warsaw. Gary Ward, Ph.D., is Chair of the Board of Directors of the Public Library of Science in Washington and Chair of the Pub Med Central National Advisory Board at the National Library of Medicine and is a champion of open access for scientific information. Dr. Shen was a recently elected member of the International Proteolysis Society.



Assistant Professor of Microbiology and Molecular Genetics Matthew Wargo, Ph.D., at work in his laboratory in Stafford Hall.

DEPARTMENT OF  
Molecular Physiology & Biophysics

David Warshaw, Ph.D.'79, Chair

The Department of Molecular Physiology & Biophysics continues to garner international recognition and success in the area of cardiovascular research and protein structure and function. A major research focus is directed at understanding the molecular basis of muscle contraction, with special emphasis on how it relates to normal and diseased function of the heart and blood vessels. The Department is considered the premier center of muscle research in the United States. An additional research focus is on protein atomic and molecular structure, with expertise in x-ray crystallography and high resolution 3-dimensional electron microscopy.

The department maintains a highly prestigious NIH Program Project Grant to study genetic heart failure. This multi-investigator grant serves as the foundation for collaborative efforts within the department and across institutions (Johns Hopkins, UMass Medical School, and the University of Cincinnati) as well as the basis for an interdepartmental (Physiology and Pharmacology) NIH Training grant that supports the stipends of four postdoctoral fellows and four graduate students. During this fiscally challenging time, the department continues to compete effectively for limited extramural funds, with all tenure-track faculty being funded.

Faculty have been honored as invited speakers at prestigious international meetings such as Drs. Warshaw and Trybus speaking at the Gordon Conference on *Muscle and Molecular Motors*. Dr. Warshaw also organized a symposium on Molecular Motors at the Biophysical Society in Baltimore, Maryland. Dr. Lord spoke at the European Science Foundation meeting in Spain on the topic of *Emergent Properties of the Cytoskeleton: Molecules to Cells*. Drs. Radermacher and Ruiz have individually been honored for their expertise in structural biology by being elected chairs of 2011 Gordon Conference on Three Dimensional Electron Microscopy and the Program Chair for the Microscopy Society's Microscopy & Microanalysis 2013 meeting, respectively. Both Drs. Ruiz and Radermacher organized a workshop and taught at the Microscopical Society of America meeting in Nashville, Tenn.

In education, faculty contribute substantially to both medical and graduate programs and have been nominated for teaching awards in the medical school curriculum. Dr. Berger serves as Director of Graduate Education for the College of Medicine. 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.



David Warshaw, Ph.D.'79 observes then predoctoral student Abbey Weith, in the Warshaw laboratory in April 2011.

SELECTED HIGHLIGHTS

- Department faculty published over 25 articles in prestigious journals such as *Proceedings of the National Academy of Science*, *Journal of Cell Biology*, *Current Biology*, and *Molecular Cell* as well as serving on editorial Boards for several journals.
- Faculty play key service roles for the NIH and NSF. Dr. Berger served as an ad hoc member of the NIH "Macromolecular Structure and Function Study Section." Dr. Warshaw served as chair for an NIH Special Emphasis Panel, while Dr. Lord served on the Cytoskeleton and Cell Division review panel for the NSF.
- Kathleen Trybus, Ph.D., was honored by being elected co-chair the 2013 Gordon Conference on *Muscle and Molecular Motors*.



## DEPARTMENT OF

## Neurology

Robert Hamill, M.D., Chair

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 as well as honors projects in the undergraduate programs.

At the local, national, and international level, neurology faculty are recognized for contributions in education, research, and clinical care. The following accolades are representative of their accomplishments:

- UVM-COM Frymoyer Scholar designation
- Member UVM Neuroscience Spire Task Force
- Director, Program in Integrative Medicine
- Vice Chair of UVM-COM IACUC
- Association of University Professors of Neurology — Chair of the Graduate Education Committee
- American Society for Experimental Neurotherapeutics — President
- Invited Lecture to European Congress for Integrative Medicine (Berlin)
- Clinical/Medical Advisory Committees: Myasthenia Gravis Foundation, National Multiple Sclerosis Society
- Research Advisory Committees: Society for PSP and ALS
- Steering Committee of NINDS IRIS stroke trial
- Members of NIH Study Sections and other national research review panels
- Editorial Boards and Senior Associate Editors

Our UVM / Fletcher Allen clinical programs provide excellent neurological care: a recent national survey found 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 JCAHO and 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 novel and important new therapies to patients in our region.

Six faculty are members of NIH study sections or research review panels for major organizations or foundations and five faculty serve on the editorial board of 13 journals. Collectively, Neurology faculty review manuscripts for approximately 75 journals.



Professor of Neurology Marilyn Cipolla, Ph.D.'97, pursues research in her laboratory in the Given Building.

Neurology faculty have a high profile in regional, national, and international organizations. For instance, they serve on educational, clinical and research advisory committees, are members on Boards of Directors and have leadership roles — such as President — of leading societies in the clinical and basic neuroscience fields.

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.

## SELECTED HIGHLIGHTS

- Over the 2010–2011 academic year Neurology faculty contributed 33 publications to biomedical literature.
- Members of the department were awarded 17 grants (new or yearly renewals) from the National Institutes of Health (NIH) or other funding agencies.
- Received grant funding for 29 clinical trials from the National Institutes of Health and the biopharmaceutical industry.

## DEPARTMENT OF

## Obstetrics, Gynecology and Reproductive Sciences

Mark Phillippe, M.D., John Van Sicklen Maeck, M.D.'39 Chair

2011 was an exciting and highly productive year in regard to the academic, research, and educational programs in our department. We recruited seven new faculty members including Elise Everett, M.D., (a Gyn-oncologist), Diane Charland, M.D., (a Urogynecologist), Julie Phillips, M.D., (a Maternal-Fetal Medicine subspecialist), Christina Broadwell, M.D., (a Reproductive Endocrinologist), Erica Hammer, M.D., (an Ob/Gyn hospitalist/laborist), and Hishalah Zvulon, M.D., and Brian Nielsen, M.D., (two junior faculty in our NIH-funded Women's Reproductive Health Research program). This brings our full-time departmental faculty to 28 physicians, 4 PhDs, 1 MD-researcher, 6 nurse midwives, 3 nurse practitioners and 1 physicians assistant. Also of note, Peter Cherouny, M.D., retired in June from clinical practice to pursue his interests in global health and quality improvement, and Daniel Riddick, M.D., completed his plans to retire to Virginia in the fall of 2011.

In June, we celebrated the graduation of our three chief residents (one departed for a Urogynecology fellowship at the University of Pittsburgh, and two went into private practice — locally and in Illinois); and our two graduating subspecialty fellows joined our departmental faculty (as noted above). During last year, we received approval to expand our first-year resident positions to four; so after a very successful residency match in March, we welcomed our four new PGY-1 residents at the end of June. Lucia Brown, M.D., was promoted to research assistant professor.

Research highlights included the acquisition of extramural research support from the NIH and others

national foundations, the continued active participation in the Reproductive Medicine Network by Dr. Casson, and NIH Study Section membership by Drs. Bernstein, Bonney, Brown, and Osol. During November, we sponsored a multidisciplinary Reproductive Sciences Research Retreat; and in April we held our ninth annual Ob/Gyn Education Retreat.

Clinical highlights included active utilization of the DaVinci surgical robot for minimally invasive surgery by our departmental gyn-oncologists and urogynecologist. Our Fetal Diagnosis and Gynecology ultrasound services continued to excel under the leadership of Drs. Jones and Wegner. Roger Young, M.D., Ph.D., completed the reorganization of our low-risk obstetrical service composed of certified nurse midwives and obstetricians with the formation of the University Obstetrics & Midwifery group practice.

## SELECTED HIGHLIGHTS

- Ob/Gyn faculty published in such journals as *Hypertension*, *Reproductive Sciences*, *Immunology*, and the *Journal of Maternal Fetal Neonatal Medicine*.
- Academic highlights included the University Scholars Award from UVM given to George Osol, Ph.D.
- Faculty members Ira Bernstein, M.D., Elizabeth Bonney, M.D., and Stephen Brown, M.D. were members of NIH study sections.



Professor of Obstetrics, Gynecology and Reproductive Sciences Ira Bernstein, M.D., seen here performing an ultrasound procedure on a patient, is also senior associate dean for research at the College of Medicine and serves nationally on an NIH study section.



DEPARTMENT OF  
Orthopaedics and Rehabilitation

Claude E. Nichols, M.D., Chair

After two years of rapid expansion, the Department of Orthopaedics and Rehabilitation experienced a year of relative quiet where programs have been able to mature, ideas have been allowed to germinate, and some dreams have come to fruition.

After years of discussion, David D. Aronsson, M.D., traveled to Europe on a three-month sabbatical leave. During that time, he visited six major pediatric orthopaedic medical centers where he lectured and participated in consultations and surgeries in Marseilles, Nantes, Nancy, Lyon, and Montpellier, France and Basel, Switzerland. This respite also gave him the opportunity to complete several peer-reviewed manuscripts and book chapters. This was an extremely successful and rewarding experience for him and will benefit the both the College of Medicine and the Department immensely.

Another focus of the Department for the past year has been refinements to the graduate educational program. S. Elizabeth Ames, M.D., competed for and won competitive grants to enhance the orthopaedic surgery resident education program. These grants focused on the development of a business curriculum, in conjunction with David A. Halsey, M.D., and the development of a leadership curriculum. In addition, Dr. Ames and Nathan K. Endres, M.D., are spearheading efforts to integrate clinical simulation into the resident education curriculum.

Our advocacy efforts have been advanced by Dr. Halsey, who is a member of the American Medical Association's Relative Value Update Committee, which makes recommendations to the Center for Medicare Service's fee schedule.

Integrative medicine has been championed by Philip P. Trabulsky, M.D. As the clinical leader for the College of Medicine's Program in Integrative Health, Dr. Trabulsky has moved his academic interest to clinical reality with an active medical acupuncture program.

The pursuit of knowledge is nowhere more evident than in the investigations into etiology of osteoarthritis. McClure Professor for Musculoskeletal Research Bruce D. Beynnon, Ph.D., and Maria Roemhildt, Ph.D., continue to explore the causes of post-traumatic osteoarthritis in both the in vivo and the clinical settings.

SELECTED HIGHLIGHTS

- Faculty published research in such journals as *Spine*, *Journal of Pediatric Orthopaedics*, *European Spine Journal*, *Journal of Shoulder and Elbow Surgery*, *Journal of Orthopaedic Research*, *Journal of Biomechanics*, and the *American Journal of Sports Medicine*.
- Members of the department presented at conferences throughout the U.S. and Canada, and overseas at the Swedish Orthopaedic Association, Gothenburg, Sweden; Korean Paediatric Orthopaedic Society & International Federation of Paediatric Orthopaedic Societies, Seoul, Korea; and the Scoliosis Research Society, Kyoto, Japan.

We continue to strive for excellence in all areas of our academic mission with innovative and novel approaches to clinical care, education, and research.



Assistant Professor of Orthopaedics and Rehabilitation and Family Medicine David Lisle, M.D. (at left), examines a patient.

Raj Chawla, UVM Med Photo

DEPARTMENT OF  
Pathology and Laboratory Medicine

Edwin G. Bovill, M.D., Chair\*



Professor of Pathology and Laboratory Medicine Yvonne Janssen-Heininger, Ph.D., examines a specimen under the microscope in her laboratory in the Health Science Research Facility.

The past year has been a successful one for the Department of Pathology and Laboratory Medicine. The research foci of the department continue to be Environmental Pathology and Cardiovascular Disease/Thrombosis. The research foci of the Environmental Pathology investigators are asbestosis and asthma with an emphasis on oxidative stress. The Laboratory for Clinical Biochemical Research, directed by Russell Tracy, Ph.D., at our Colchester Facility is the center for cardiovascular research in the department. The cardiovascular research group works in the area of molecular and genetic epidemiology and has one of the pre-eminent biomarker/biosensor laboratories in the country. Our Division of Experimental Pathology, directed by Kum Cooper, D.Phil., is focused on translational research and has led to our department often being in the top 10 percent for invited presentations at the United States & Canadian Academy of Pathology meeting.

The department has an active graduate student program offering a Masters Degree in Environmental Pathology and a Ph.D. Degree through the Cell and Molecular Biology Program. Our highly competitive clinical training programs include 16 residents and 3 fellowships. Our faculty is heavily involved in the Vermont Integrated Curriculum (VIC) at all levels. This past year pathology faculty members were nominated 15 times for VIC teaching awards for which there were 82 nominees. We also teach in the FAHC School of Cytotechnology whose students score at the top on their national qualifying exams

every year with one of the students achieving the highest score in the country. Finally, our faculty teach courses and mentor students in the School of Allied Health at UVM.

On our clinical service, departmental faculty manage all the inpatient and outpatient laboratories for our teaching hospital and outpatient facilities, performing over 2.8 million tests a year including 37,301 surgical pathology cases, 52,982 outpatient gynecologic cytopathology cases, 120 hospital autopsies and 447 medical examiner autopsy cases. Our clinical laboratory has developed state of the art molecular diagnostic services, an area at the cutting edge of clinical diagnosis. We also perform laboratory testing for a wide variety of clinical research projects.

SELECTED HIGHLIGHTS

- The department has 39 extramurally funded projects this year, of which nine were new awards.
- Nine faculty members served on a total of 37 study sections for the NIH, AHA, and DOD.
- Department faculty published 83 peer-reviewed papers across all fields of interest.

\*Dr. Bovill was chair through Feb. 29, 2012, when Ron Bryant, M.D. became Interim Chair.



## DEPARTMENT OF Pediatrics

Lewis R. First, M.D., Chair

This past year was a strong one for the Department of Pediatrics in achieving its academic mission. Educationally, members of our faculty continued to actively participate in all four years of our Vermont Integrated Curriculum, earning several individual teaching awards from our students as well as being runner-up for Clinical Department of the Year.

We continue to see a higher percentage of students going into pediatrics than the national average. Our Pediatric Student Interest Group has the largest membership ever, and our residency program applications are up 150 percent over the prior year.

Faculty continued to take national leadership roles in the National Board of Medical Examiners, the American Board of Pediatrics, and the Association of Pediatric Program Directors. 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 37 years. The journal achieved its highest impact factor ever, making it the premier peer-reviewed pediatric journal nationally, and internationally.

From a research perspective, extramural funding reached a new high but, most important, our research efforts demonstrate improvement in pediatric health care for children locally, regionally, and nationally. The AAP's Pediatric Research in Office Settings under the direction of Richard (Mort) Wasserman, M.D., celebrated its 25th anniversary and joins the other national and regional collaborative research networks we lead including the Vermont Oxford Neonatal Network (VONN), the ImproveCareNow national inflammatory bowel disease network, and the Vermont Child Health Improvement Program (VCHIP). In addition, our translational research efforts continue in metabolism, nutrition, and oncology. Faculty and house staff presented more than twenty-five presentations and workshops at the annual Pediatric Academic Society meetings and produced more than sixty different publications this past year that describe the results of our research and educational efforts.

### SELECTED HIGHLIGHTS

- Emeritus Professor of Pediatrics Jerold Lucey, M.D., received several key honors during the past year. He was named a Distinguished Professor by the University of Vermont and was the proud recipient of the Gustav O. Lienhard Award — the highest honor bestowed by the Institute of Medicine.
- Faculty published in such journals as: *New England Journal of Medicine*, *Journal of Palliative Medicine*, *Journal of Pediatrics*, *Obesity*, *Pediatrics*, *Neonatology*, *Clinical Perinatology*, and *Clinical Pediatrics*.



Chair and Professor of Pediatrics Lewis First, M.D., leads a weekly phone conference in his role as editor-in-chief of the journal *Pediatrics*.

Clinically, 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., of our University Pediatrics primary care practice, is leading efforts to improve quality of care not just in our own outpatient offices but in pediatric practices throughout the state.

From a standpoint of community advocacy, the department continued to have its faculty, residents, and students volunteer their services and work actively in numerous community outreach activities for children and families throughout the region. It was wonderful this year to see Andrea Green, M.D., awarded the national AAP's Local Hero Award for her oversight of our Pediatric Immigrant Program, and to see Paula Duncan, M.D. receive the AAP's highest honor — the Abraham Jacobi Award, for outstanding service to the American Academy of Pediatrics.

## DEPARTMENT OF Pharmacology

Mark T. Nelson, Ph.D., Chair

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 approximately 38 peer reviewed articles in top biomedical journals. Departmental research was cited in other publications greater than 2000 times in 2011. Research efforts are largely focused on understanding the function and dysfunction of the vascular and cerebrovascular systems. This research has provided fundamental new insights and new therapeutic modalities in the areas of urinary incontinence, cerebral vasospasm, regulation of vascular tone, cell migration, environmental toxins and thyroid function, structure/function of signaling molecules, modulation of sympathetic innervation and ion channel function, gene expression changes in hypertension and following exposure to asbestos, and how computationally active neurons regulate regional blood flow in the brain.

Faculty members gave approximately 20 invited presentations at universities and international symposia. Extramural support remained strong, with funding from the NIH, American Heart Association, foundations, and industry. New NIH grants were awarded, including a Program Project Grant focused on the control of blood flow in the brain in health and following ischemic and hemorrhagic stroke. The faculty were active participants in several NIH training grants for graduate and postdoctoral trainees. The department continued to receive generous support from the Totman Medical Research Trust to support an interdepartmental research effort to understand cerebrovascular function and disease.

The department continued its high quality teaching and mentoring efforts to medical, graduate, and advanced undergraduate students, as well as to postdoctoral fellows. This effort included one-on-one mentoring in research laboratories, didactic lectures in Molecular and Cellular Pharmacology, Toxicology, Medicinal Chemistry, Cancer Biology, Cell and Molecular Biology, and Introduction to Pharmacology. The Minor in Pharmacology for undergraduates has seen steady growth, with eight students graduating in May 2011, and 22 current students. The pharmacology faculty taught in virtually all courses in the Foundations level of the Vermont Integrated Curriculum, as well as a Medical Summer Pharmacology course.

In the area of service, faculty members served on a number of grant review committees for the NIH and the American Heart Association. Faculty members serve on numerous editorial boards, including for *Physiological Reviews*, *Journal of Cerebral Blood Flow and Metabolism*, *Molecular Pharmacology*, and the *American Journal of Physiology*. Departmental members support the College and University

### SELECTED HIGHLIGHTS

- Dr. Nelson as Invited Named Speaker, gave the Astor Lecture on "The Consequences of Calcium Signaling in the Neurovascular Unit in Health and Disease" at the University of Oxford, United Kingdom.
- Alan Howe, Ph.D., gave the Distinguished Alumnus Presentation for the Annual Lineberger Comprehensive Cancer Center Postdoc Research Day, "From Here to There — Protein Kinase A in the Regulation of Cell Migration" at the University of North Carolina, Chapel Hill.
- Among the journals in which Pharmacology faculty published were *Journal of Cell Biochemistry*, *British Journal of Pharmacology*, *Circulation Research*, *PLoS One*, and *Current Opinion in Cell Biology*.

by serving and chairing on a number of committees, which guide the teaching and research missions of the College of Medicine and the University.



Post-doctoral fellows Kathryn Dunn, Ph.D., and Thomas Longden, Ph.D., review their work with Chair and Professor of Pharmacology Mark Nelson, Ph.D., in the Nelson Laboratory.



## DEPARTMENT OF

## Psychiatry

Robert Pierattini, M.D., Chair

**R**apid advances in neuroscience have made the past year very exciting for the Department of Psychiatry. Scholarly work is recognized internationally, training programs are growing, and clinical services are adapting to provide intensive services for the region.

The Child Psychiatry Fellowship, under the direction of David Rettew, M.D., has matured to fill four positions through an innovative child psychiatry track in the general residency. The program won a full five-year accreditation at its first ACGME site visit in May. James Hudziak, M.D., director of Vermont Center for Children, Youth, and Families, was selected as a University Scholar in 2010, and serves as Associate Editor of the *Journal of the American Academy of Child & Adolescent*



Professor of Psychiatry Stephen Higgins, Ph.D., won the 2011 Brady-Schuster Award from the American Psychological Association.

*Psychiatry.* Thomas Achenbach, Ph.D., director of the Research Center for Children, Youth, and Families, together with his colleagues Masha Ivanova, Ph.D., Stephanie McConaughy, Ph.D., and Valerie Harder, Ph.D., published 18 articles last year. Robert Althoff, M.D., Ph.D., runs a national Klingenstein Foundation program for medical students in addition to his research on genes and childhood behavior.

With the addition of the Mood and Anxiety Disorders Clinic, the Psychiatry Service offers a range of intensive services designed around evidence-based treatments. Clinical services range from outpatient consultation to intensive outpatient and partial hospitalization programs, to inpatient care.

The General Psychiatry Residency Program, under the direction of Judy Lewis, M.D., received a five-year full accreditation after its spring ACGME review.

The Human Behavioral Pharmacology Laboratory renewed its T32 Institutional Training Award for predoctoral and postdoctoral education in drug dependence research. The lab added Associate Professor Hugh Garavan, Ph.D., who published extensively on neurobiological correlates with substance use disorders.

Researchers at the Clinical Neuroscience Research Unit (Magdalena Naylor, M.D., Ph.D., Julie Dumas, Ph.D., and Alexi Potter, Ph.D.) have continued work on several federally funded projects on the neurobiology of cognition during menopause and in psychiatric illnesses such as ADHD. They have given presentations at local, national, and international scientific conferences and continue training students at all levels throughout the University and the College of Medicine.

## SELECTED HIGHLIGHTS

- The department published 120 peer-reviewed articles and 14 chapters and textbooks last year. Faculty were invited to present scholarly work in 12 countries, and they presented at over 50 national and regional conferences.
- Stephen Higgins, Ph.D. was the 2011 winner of the Brady-Schuster Award of the American Psychological Association in recognition of outstanding behavioral science research in psychopharmacology and substance abuse.
- John R. Hughes, M.D., was the President of the Association for the Treatment of Tobacco Use and Dependence.

## DEPARTMENT OF

## Radiology

Steven P. Braff, M.D., Chair



Associate Professor of Radiology Kristen DeStigter, M.D., uses the department's leading-edge diagnostic equipment. Dr. DeStigter is also the founder of Imaging the World, an ultrasound outreach project supported by the Bill & Melinda Gates Foundation.

**T**he Department of Radiology has had tremendous accomplishments in the last year, and continues to be state of the art in every aspect of the practice. In October of 2011, at our Tilley Drive location we installed the first digital broadband MRI scanner in the market, providing better image quality and faster scan time through fiber optic technology. Exceptional patient care is enhanced by strong relationships with our industry partners that allow us to use the most advanced equipment in the world. With patient safety in mind, we are implementing a new mathematical algorithm that allows us to reduce the radiation dose of CT scans without sacrificing image quality. We are also testing new software that doctors can use to diagnose myocardial infarctions and strokes from home in a fashion that is better and faster. A new "telepresence" conferencing room allows our radiologists to give consultations in real-time to health providers and collaborators from around the world. We continue to host various site visits to demonstrate how we are providing state of the art technology in a rural setting.

In the last year we hired a new MRI physicist, Richard Watts, Ph.D., who joins our UVM MRI research team of Trevor Andrews, Ph.D., Jay Gonyea, UVM MRI Center Manager, and Scott Hipko, Senior Research Technologist. Their expertise enhances our MRI imaging, especially in one of our newest research areas of predicting degenerative disk disease of the spine, a major cause of back pain. In addition, we have new

neuro functional MRI techniques that allow us to map areas of the brain prior to surgery, avoiding damaging eloquent areas.

The quality of our graduate medical education training in diagnostic radiology underscores the dedication of our faculty to teaching. The radiology residency program remains one the most competitive in the country. Graduates from our program routinely get their first choice of subspecialty fellowships in the country.

The Imaging the World ultrasound outreach project co-founded by Kristen DeStigter, M.D. continues on a trajectory of success. Now fully implemented in Uganda, the organization received a Bill & Melinda Gates Foundation Grand Challenges Exploration Grant in May of 2011.

## SELECTED HIGHLIGHTS

- Radiology faculty members published research in the *Journal of the American College of Radiology*, *American Journal of Roentgenology*, *Pediatric Radiology*, *Journal of Vascular & Interventional Radiology*, and the *American Journal of Neuroradiology*.
- Jeffrey Kelin, M.D., the A. Bradley Soule and John P. Tampas Green & Gold Professor of Radiology, assumed the editorship of *RadioGraphics*, the bimonthly journal of the Radiological Society of North America.



## DEPARTMENT OF

## Surgery

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

**T**he 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.

We bid farewell to David McFadden M.D., M.B.A., who, after serving as associate dean of academic outreach at the College of Medicine, became chair of Surgery at the University of Connecticut. Over the past year, our department grew to 15 Divisions with the addition of Surgical Research, led by Jon Boyson, Ph.D. Many Divisions recruited outstanding new faculty members such as John Lawrence, M.D., (Pediatric Surgery), Jesse Moore, M.D., (General Surgery), Margaret Tandoh, M.D., (Trauma), Michelle Sowden, M.D., (Surgical Oncology), Gladys Lee, M.D., (Ophthalmology) and Chris Jones, Ph.D., (Director of Global Health Economics). We also gained a renowned epidemiologist, Brian Sprague, Ph.D., who joined the Surgical Oncology Division. In the national arena, Marion Couch M.D., Ph.D., became president of the Society of University Otolaryngologists. James Hebert, M.D., was president of the New England Surgical Society and continued as the president of the UVM Alumni Executive Committee and as chair of the Surgery Residency Review Committee.

Our department won the Departmental Award for Excellence in Teaching Award (also known as the Silver Shovel Award) voted by the graduating medical class. Neil Hyman, M.D., was elected the Howe Outstanding Teacher of Surgery. Ken Sartorelli, M.D., won the Vision Award, the highest award for leadership from Fletcher Allen Health Care. Ted James, M.D., was selected as a Frymoyer Scholar for innovation in education. Bruce Leavitt, M.D., was the 2011 recipient of the College's Service to Medicine and Community Award, for those who have achieved an outstanding record of community in addition to their medical practice.

Our research efforts were very productive. John Fortune, M.D., was awarded a U.S. Air Force SBIR Phase I grant to

## SELECTED HIGHLIGHTS

- Our faculty published in journals such as the *New England Journal of Medicine*, *Journal Immunology*, *Cancer*, *Clinical Cancer Research*, *Journal of Clinical Oncology*, *Head & Neck*, *Journal of Surgical Oncology*, *Urology*, *Circulation*, *Journal of Surgical Research*, and the *Journal of Vascular Surgery*.
- Faculty received awards from the National Institute of Diabetes and Digestive and Kidney Diseases, Health Resources and Services Administration, U.S. Air Force, and the National Cancer Institute.



Professor of Surgery Frank Ittleman, M.D., was named associate vice-president for operations of the UVM Medical Group in 2011.

develop a synthetic Tissue Trainer. Urologist Gerry Mingin, M.D., continued with his National Institute of Health (NIH) Ko8 Career Development Award and Emergency Medicine physician Kalev Freeman, M.D., PhD., began his Career Development Ko8 award on traumatic brain injury from the NIH's Institute of General Medical Sciences with Mark Nelson, Ph.D., as his mentor. David Krag, M.D., continued his seminal work on sentinel lymph nodes in breast cancer. Dr. Boyson led immunology research within the department. Katarina Zvarova, M.D., Ph.D., continued her work on urinary bladder smooth muscle with a Ko1 award. Peter Zvara, M.D., Ph.D., led the effort in neuro-urology and lower urinary tract dysfunction. Brian Sprague, Ph.D., garnered numerous grants from the National Cancer Institute to study breast cancer screening. Peter Cataldo, M.D., perfected a new technique using transanal endoscopic microsurgery. Scott Perrapato, M.D., led the way with innovations in robotic surgery.





# Supporting the Mission

## The Fiscal Year 2011 Philanthropic Report

Philanthropic support for the College of Medicine remained strong in fiscal year 2011, and, in seeing the thousands of names listed in the following pages, we are inspired by how passionately our supporters feel about the work done here each day. The success of our students and faculty, and the contributions they've made in this past year, are in great part due to the financial support that so many people and organizations dedicate to this school each year.

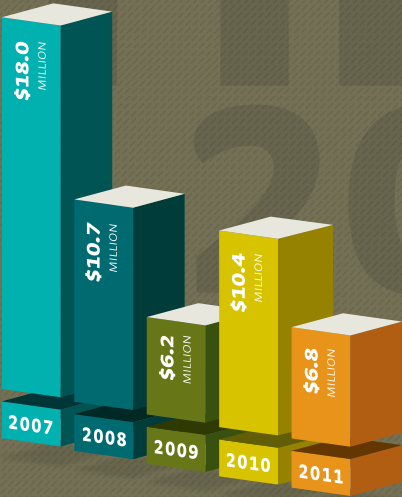
As financial support from the state of Vermont and the federal government remain steady or decline, the UVM College of Medicine increasingly recognizes the significant impact that philanthropy has for the students, faculty, patients and community that we serve.

In 2011 we saw tremendous support for students including the establishment of multiple endowed scholarships including the **C.V. Starr Foundation Medical Scholarship**, the **Sumner J. Yaffe, M.D.'54 Scholarship**, and the **Roger S. Colton, M.D.'58 Scholarship** — each representing support, respectively, from private foundations, alumni and the community. We also saw steadfast annual support for students from alumni and friends — such as the support of **Helen and**

**Robert Larner, M.D.'42**, and **Paul Rutkowski, M.D.'63**, who have for many years demonstrated significant commitment to the support of students and continue to inspire others to give — including students themselves. Scholarship support is vital to our mission in addressing the rising indebtedness of medical students and enabling us to continue to recruit the absolute best students to train here in Vermont and to send out into the world to practice.

Research support also remains a top priority at the College of Medicine, and in 2011 we saw the continued commitment of donors to research. Long-time supporters such as the **Totman Medical Research Trust**, the **Lake Champlain Cancer Research Organization** and the **S.D. Ireland Foundation**, along with many other individuals and organizations, continue to provide sustaining support to internationally recognized research programs at the UVM College of Medicine. As we look to invest in the already successful research programs here at UVM, philanthropy will play a significant role in building on this excellence and creating programs that will transform biomedical research here and around the world.

### FISCAL YEAR 2011 PHILANTHROPIC SUPPORT



New Gifts and Pledges  
TO THE COLLEGE OF MEDICINE (by fiscal year)

The College of Medicine gratefully acknowledges private support received in fiscal year 2011 (July 1, 2010–June 30, 2011). In the event that any of the information presented in this report is incomplete or inaccurate, please accept our apologies and notify the Medical Development and Alumni Relations office at (802) 656-4014.



## Medical Ira Allen Society

UVM's Ira Allen Society is named in tribute to the University's founder, who pledged the initial funds to establish the institution. In the same spirit, the following alumni, friends, parents, faculty, and organizations have made generous contributions of \$1,000 or more to the College of Medicine during fiscal year 2011 (July 1, 2010–June 30, 2011).

### \$1,000,000+

Lois Howe McClure  
Thomas J. Sullivan, MD'66 \*

### \$500,000–\$999,999

Shirley & Robert Jonathan Johnson, MD  
S.D. Ireland Cancer Research Fund, Inc.  
Lake Champlain Cancer Research Organization

### \$100,000–\$499,999

Corrinne L. Cohen \*  
Timothy Stanford Colton, D.D.S.  
Fletcher Allen Health Care  
Susanne H. Goldstein  
Linda & Christopher Moscone  
Owen Moscone Foundation  
H. Gordon Page, MD'45  
Millicent Marie Percy \*  
Starr Foundation  
Totman Medical Research Foundation  
Vermont Oxford Network, Inc.

### \$50,000–\$99,999

Ellen Andrews, MD'75  
Improve Care Now, Inc.  
Helen & Robert Larner, MD'42

### \$25,000–\$49,999

American Chemistry Council  
Central Vermont Medical Center  
F. Farrell Collins, Jr., MD'72  
Gabrielle Cote Crandall & Roger William Crandall  
Mina & Theodore Jewett  
North Country Hospital  
Wayne E. Pasanen, MD'71 & Susan Anton-Pasanen  
Monika & Paul C. Rutkowski, MD'63  
Rutland Regional Medical Center  
William C. Street, MD'59 & Lorraine Hassan-Street  
Thomas Anthony Pappas Charitable Foundation, Inc.

### \$10,000–\$24,999

Acorda Therapeutics, Inc.  
ALS Association  
ALS Association, NNE Chapter  
Laurence M. Cohan, MD'68 \*  
Copley Hospital, Inc.  
Delta Dental Plan  
Fletcher Allen Health Care Division of Otolaryngology  
Friends of Will  
Gifford Medical Center  
Judy & J. John Goodman, MD'48  
Integra Foundation, Inc.  
Julian J. Leavitt Family Charitable Trust  
Peter Leavitt  
S. Robert Leavitt  
Susan Leavitt  
Connie Leavitt-Perkey

Michelle & Samuel B. Labow, MD  
Dina & Patrick Lacey  
Northwestern Medical Center, Inc.  
Bernard Passman, MD'59 \*  
Charlotte & Arthur Jason Perelman, MD'52  
Susan & John Arthur Persing, MD'74  
Alice Schwendler Trust  
Springfield Hospital  
Marjorie & Peter Stern, MD'81  
Kathryn & John P. Tampas, MD'54  
Katherine Schindler Teetor  
Vermont Health Foundation, Inc.  
Donna & Martin Waldron, MD  
Sumner J. Yaffe, MD'54 \*

### \$5,000–\$9,999

Raymond Joseph Anton, MD'70 & Wendy Kelly  
Bertrand P. Bisson, MD'53  
Lenore Follansbee Broughton  
Toby & Alan B. Bulotsky, MD'70  
Carlos G. Otis Health Care Center, Inc.  
Lillian Colodny  
Paula & Phillip Harland Deos, MD'73  
Felix Peter Eckenstein, PhD & Rae Nishi, PhD  
Anna & Stephen Scott Ehrlich, MD'85  
EMD Serono, Inc.  
Francesca & David Joseph Evelti, MD'93  
Francis & Edith Hendricks Foundation  
John W. Frymoyer, MD  
Herbert I. Goldberg, MD'56 & Dr. Rosalie A. Goldberg  
John & Suzanne Farrow Graves, MD'89  
John Henry Healey, MD'78 & Dr. Paula Olsiewski  
Mary Ellen & James Charles Hebert, MD'77  
Bruce & Barbara Bittner Heublein, MD'80  
Richard Nicholas Hubbell, MD'80 & Rosemary L. Dale, EdD  
Carol Collin Little, MD'71  
George A. Little, MD'65  
A. Rees Midgley, MD'58 & Jane Wilson Coon  
Thuan T. Nguyen, MD'02 & Sarah Moesker  
Mark A. Popovsky, MD'77 & Andrea L. Lavender  
Barbara & Richard B. Raynor, MD'55  
Olinda & John Mayer Simon  
Howard D. Solomon, MD'71  
Synthes CMF  
Urosonics, Inc.  
Virginia Wellington Cabot Foundation  
Vermont Academy of Family Physicians

### \$2,500–\$4,999

Ruth & Phillip H. Backup, MD'46  
Aline & Richard H. Bailey, MD'55  
Dudley M. Baker, MD'57

B. J. Beck, MD'91  
Helen & Charles R. Brinkman, III, MD'60  
Kathryn & Paul Rutter Cain, MD'81  
Lisa & Robert Alan Cheney, MD'89  
William George Cioffi, Jr., MD'81  
Cynthia & Philip L. Cohen, MD'73  
Kristen DeStigter, MD & Robert N. Hyams  
Suhayl Dhib-Jalbut, MD  
John R. Dooley, MD'62  
Jeanne & Wilfrid L. Fortin, MD'61  
Theresa Ann Graves, MD'85  
Esther & Leonard William Halling, MD'57  
Anna & Elizabeth A. Harrison, MD  
Reiko & Masatoshi Kida  
Deborah Martin Kraus  
Barbara & Darwin Ray Kuhlmann, MD'73  
Vicki & Joseph Charles Kvedar, MD'83  
Gladwyn Leiman  
Dave E. Lounsbury, MD'79  
John H. Lyons, MD'84 & Vicki Lyons, MD  
Anne Lelah Martin  
David B. Martin  
Scott H. Martin  
Holly Slattery Mason, MD'95  
Theodore Philip Mason, MD'95  
Carol & John E. Mazuzan, Jr., MD'54  
Suzanne & Cornelius John McGinn, MD'89  
Marney & John C. Mesch, MD'61  
Micro Image Technologies, Inc.  
National Multiple Sclerosis Society  
Lucinda & Henry S. Nigro, MD'63  
Raymond David Petit, MD'87  
Robert A. Pierattini, MD  
Katherine Stoddard Pope, MD'85 & Christopher M. Harte  
Edward J. Quinlan, Jr., MD'57  
Radiation Medicine Affiliates, Inc.  
Harry M. Rowe, MD'43  
Jan Carroll & Howard Marc Schapiro, MD'80  
Ethan Allen Hitchcock Sims, MD \*  
Ronald Roger Striar, MD'55  
Betsy Lee Sussman, MD'81 & Lawrence Scott Bennett  
Peter D. Swift, MD & Diane Lewis McCargo  
Terumo Medical Corporation  
Lisa & James Louis Vayda, MD'87  
Stephen A. Vineberg

### \$1,000–\$2,499

John & Mary Abele  
Jeannette Grace Abrams  
John Goldthwaite Adams, Jr., MD'54  
Lawrence B. Ahrens, MD'51  
Robert S. DiPalma & Theresa Alberghini DiPalma  
Marlene Ann Aldo-Benson, MD'65  
Nicholas G. Alexiou, MD'55

Janice Weir Allen  
Americo B. Almeida, MD'59  
Morris & Bessie Altman Foundation  
John R. Anton, MD'81  
Angela Applebee, MD & Garrick A. Applebee, MD  
Mary Bertucio Arnold, MD'50  
Andrew Jay Arrison, MD'78  
Ralph David Aserkoff, MD'62  
Virginia Lee Ault, MD'59  
Robert Wolcott Backus, MD'76  
Steven Andrew Battaglia, MD'97  
S. James Baum, MD'48  
John Charles Bauscher, MD, PhD'76  
John F. Beamis, Jr., MD'70  
Eugene M. Beaupre, MD'58  
Linda & Anthony P. Belmont, MD'64  
Merrill D. Benson, MD'65  
Anne Parker Bergwall, MD'91  
Kirk Patrick Bernadino, MD'98  
Charles Jay Bernstein, MD'85  
Betsey & John E. Berryman  
Palmer Quintard Bessey, Jr., MD'75  
James M. Betts, MD'73  
Christopher T. Bever, Jr., MD  
Anant D. Bhawe, MD  
Donald Skinner Bicknell, MD'61  
Gary Birnbaum, MD  
Douglas M. Black, MD'56  
Edward Andrew Blanchette, MD'74  
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Ernest M. Bove, MD'81  
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James A. Brennan, MD'71  
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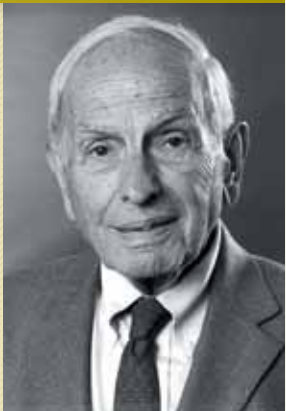
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Sumner J. Yaffe, M.D.'54 and  
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Sumner J. Yaffe, M.D.'54 pursued an outstanding career in the years after his graduation from the College of Medicine. An internationally recognized researcher and advocate, he is considered the “Father of Pediatric Pharmacology.” During his distinguished academic career, he published more than 300 scientific articles and books. In 1980, Dr. Yaffe became director of the Center for Research for Mothers and Children at the National Institute of Child Health and Human Development. In the course of his 20 years at NICHD, he pursued an agenda for increased research in diseases of childhood. He fostered the development of research networks including a neonatal and fetal/maternal medicine network crucial to pediatric and developmental pharmacology, the Pediatric Pharmacology Research Units.

Dr. Yaffe died at the age of 88 in his home in Los Angeles in August 2011. His wife, Susanne H. Goldstein, honored his lifelong contribution to medicine with the establishment of the Sumner J. Yaffe, M.D.'54 Endowed Scholarship, a fund established under the Medical Alumni Association’s matching-fund scholarship program



Above: Courtesy Susanne Goldstein; right: UVM Med Photo





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Millicent Percy

Barry Finette, M.D., Ph.D., professor of pediatrics and associate professor of microbiology and molecular genetics, (above) carries on his pediatric cancer research thanks in part to the generous support of the late Millicent Percy. Ms. Percy never met the many children who, today and in the years to come, will benefit from her help, but her generosity is helping to yield new knowledge in the fight against their pediatric cancers. Upon her death in 2010, Ms. Percy left a bequest to fund leukemia research at the University of Vermont, in honor of her brother-in-law, the late Herbert Bowen Comings, who received his undergraduate degree from UVM in 1945.



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PROFILE IN GIVING

Shirley and Robert Johnson, M.D.

Shirley and Robert Johnson, M.D., arrived in Vermont in 1971, when Dr. Johnson accepted an appointment as assistant professor of orthopaedic surgery in the College of Medicine. More than 40 years later, as professor emeritus of orthopaedic surgery, he still teaches, treats patients, and carries out research in the McClure Musculoskeletal Research Center at UVM, where he held the McClure Professorship from 1994 to 2005. Sports medicine has always been his passion, Dr. Johnson says, since he began treating injured athletes as a young physician.

Now, the Johnsons are honoring that life's work with a gift to support research in sports medicine in the Department of Orthopaedics and Rehabilitation, through an irrevocable life insurance trust (ILIT) naming UVM one of the beneficiaries of a \$1 million life insurance policy. "Sports medicine is a field I've committed my academic and professional career to," says Dr. Johnson, "and this is a way to support the research I've been interested in after I'm gone." Currently, that research focuses primarily on ski injury epidemiology and prevention, he says, including risk factors in anterior cruciate ligament (ACL) injury and the development of arthritis after injury and reconstruction.

The couple structured their gift with the guidance of their financial advisor, Tony Hall, CLU, ChFC, of Hall Financial Services. He says the ILIT is a good option for many people considering a philanthropic gift. "Through the leverage of life insurance it makes it possible to make a major gift without compromising other assets in the estate," he says. "The Johnsons personify the Latin phrase *non sibi*, which means 'not for self.'"

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PROFILE IN GIVING

The Panitch Fund

The colleagues and friends of Professor of Neurology Hillel “Hill” Panitch, M.D. — those in Vermont, and others from around the country — joined together in 2011 to support the Panitch Fund for Neurotherapeutic Research and Education. This fund honors the memory and lifelong work of Dr. Panitch, who died in December 2010, just a year after being diagnosed with late-stage melanoma. Since coming to UVM in 2000, Dr. Panitch founded UVM’s Multiple Sclerosis Center, and brought his special quality of knowledgeable, kind treatment and leading-edge research and treatments to patients across the region . The Panitch Fund will continue the legacy of a brilliant and caring physician for years to come.



Top and right: Mario Morgado; above: UVM Med Photo

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Participation.....67%  
Total .....\$19,025  
Agent .....Wilfrid L. Fortin

1962

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

Ralph David Aserkoff

John R. Dooley

Ruth Andrea Seeler

- Contributors**

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Clarence E. Bunker

Stuart Donald Cook

Daniel H. Day



MD indicates class agent \* indicates deceased WI indicates widow/widower



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Participation.....**57%**  
Total .....\$8,000  
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Total .....\$39,833  
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Agent ..... H. Alan Walker

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

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Douglas P. Norman  
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John Jerome Saia

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Agent ..... G. Millard Simmons

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

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Lawrence H. Luppi  
Bruce Reed MacPherson  
D. Eugene Martin  
Dick L. Robbins  
M. Geoffrey Smith

Participation.....**52%**  
Total .....\$14,000  
Agent ..... John F. Dick, II

**1968**

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Nelson H. Sturgis, III

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Thomas K. Slack  
David Alan Strassburg

Participation.....**39%**  
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Agent ..... David Jay Keller  
Agent ..... Timothy John Terrien

**1969**

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Roger K. Pitman  
Duane C. Record  
William N. Thibault  
William J. Watson

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Arthur J. Sakowitz  
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**1971**

**40 YEAR REUNION**

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Above: Mario Morgado; right: UVM Med Photo

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Participation.....**52%**  
Total .....\$46,871  
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**1972**

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

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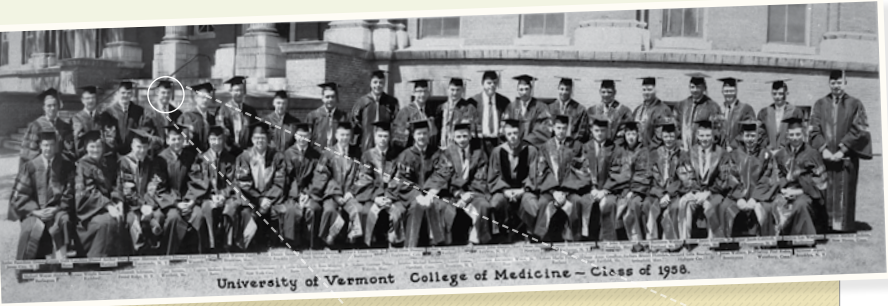
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**PROFILE IN GIVING**

### The Roger S. Colton, M.D.'58 Scholarship

When Timothy Colton, D.D.S. heard about the Medical Alumni Association Matching Scholarships, he saw the program as the perfect opportunity to honor the life work of a very special person — his father, Roger S. Colton, M.D., a graduate of the College of Medicine Class of 1958. After receiving his medical degree, Roger Colton went on to a distinguished career as a rheumatologist in Minnesota. Tim Colton knew that his father was always grateful for his career serving the people of the Minneapolis-St. Paul area, and for the education had received at the College of Medicine. Tim's gift of \$100,000 has established the Roger S. Colton, M.D.'58 Scholarship, a permanently endowed fund that will help support the education of medical students in perpetuity.



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Robert C. Parke  
David Alan Paulus  
Garry Michael Pratt  
Eric Jay Reines  
Lee Howard Rome  
R. Bruce Smith  
Marga Susan Sproul  
Henry Roger Vaillancourt

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Total .....\$18,523  
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**1977**

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

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Mark A. Popovsky  
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Guy G. Raymond  
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Frederic E. Shaw, Jr.  
Richard L. Staley

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Agent ..... James C. Hebert

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Mimi Works-Corrigan

Participation.....**43%**  
Total .....\$18,916  
Agent ..... Paul McLane Costello

1979

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

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Total .....\$14,275  
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Medical Ira Allen Society (\$1,000+)

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Participation.....**44%**  
Total .....\$24,867  
Agent ..Richard Nicholas Hubbell

1981

30 YEAR REUNION

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

John R. Anton  
Ernest M. Bove  
Paul Rutter Cain  
Robert Jean Carbonneau  
Jocelyn D. Chertoff  
William George Cioffi, Jr.  
Charles Labe Garbo  
Ann Marie E. Lemire  
Bruce Jason Leavitt  
Catherine P. McKegney  
David P. Meeker  
Louis B. Polish  
John M. Richey  
Peter Stern  
Betsy Lee Sussman  
Floyd Trillis, Jr.  
James M. Worthington

Contributors

Thomas Francis Certo  
Robert B. Cochran  
Jonathan F. Cook  
Mark Stephen Cooper  
Anthony J. Cusano  
Beth Miriam Dollinger  
Joseph John England  
George Christian Fjeld  
Paul Douglas Fournier  
David John Gacetta  
Jay H. Garten  
Harald James Henningsen  
Michael A. Kilgannon  
Jacques Gedeon Larochelle  
Thomas H. Lewis, M.D  
Theodore F. Logan  
Priscilla S. Martin  
Margery S. McCrum  
David George Millay  
Alfred C. Piel  
Joseph B. Quinn

Elliot H. Rubin  
Gary L. Schillhammer  
Clifton D. Smith  
Dale D. Stafford  
David W. Towne  
Ann Jillson Walker  
Andrew Seth Weber

Participation.....**58%**  
Total .....\$31,975  
Agent ..... Bruce Leavitt  
Agent ..... Betsy Sussman  
Agent ..... Louis Polish

1982

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

David Louis Castellone  
James I. Couser, Jr.  
Helaine Wolpert Dietz  
Robert D. Harris  
Linda Hood  
Isaac Leigh Kaplan  
Paul H. Kispert  
Michael Robert Saxe

Contributors

Kevin Paul Andrews  
Ira Mark Bernstein  
Ronald D. Blatt  
Paul Bloomberg  
Margaret H. Burroughs  
Charles Edward Clark, Jr.  
Joseph Edward Corbett, Jr.  
James C. Foster  
Lisbet M. Hanson  
Jane T. Horton  
Edward H. Jaccoma  
Lindsay Poole Johnson  
Gary E. Kalan  
James B. Kilgour  
Peter H. Krauth  
David Michael Maccini  
David Kenneth Murdock  
Terence Dwight Naumann  
David Lucien Roy  
Priscilla Shube  
Roderic Ellis Tinney  
George P. White, Jr.  
David Jeffrey Wlody

Participation.....**36%**  
Total .....\$14,850  
Agent ..... Diane Rippa

1983

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

Diane M. Georgeson  
Edward S. Horton, Jr.  
Joseph Charles Kvedar

Contributors

Robert A. Baldor  
James E. Bane  
Gary R. Berk  
Gwen Marie Bogacki  
Robert M. Coughlin  
Mark E. Covey  
Ross Alan Dykstra  
Katherine Barrett Frantz  
Mark A. Guilfoose  
Pamela A. Harrop  
Ronald C. Hartfelder  
Mark Richard Iverson

Brian M. Jumper  
Richard Paul Lafleur  
James Stephen Limanek  
Stanley J. Miller  
Howard H. Mizrachi  
Rosanna Trabucco Musselman  
Michael R. Narkewicz  
Patrick W. O'Connell  
John J. Orloff  
Douglas T. Phelps  
Fortunato Procopio  
Sara Avery Quayle  
Robert R. Quimby  
James G. Rose  
Bennett K. Schwartz  
Albert J. Sinusas  
Mark S. Siskind  
Jay Sokolow  
Richard S. Sprague, Jr.  
Thomas P. Whelan  
Jeffrey A. Zesiger

Participation.....**41%**  
Total .....\$11,663  
Agent ..... Diane M. Georgeson  
Agent ..... Anne Marie Massucco

1984

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

Richard H. Brown  
Aleta J. Drummond  
Mary P. Horan  
John H. Lyons  
Michael Alan Merriam  
Katherine Limanek Sheeline  
Donald L. Weaver

Contributors

Roland E. Baker  
Charles Joseph Cathcart  
Jay P. Colella  
Pushpa Lal Gross  
Alan S. Katz  
Debbie A. Kennedy  
Claire A. Levesque  
Stephen C. Mann  
John F. Monroe  
Matthew C. Pender  
Susan Elaine Pories  
Denise Frances Poulin  
Patricia M. Pratt  
Audrey L. Richards  
Richard R. Riker  
Jose M. Samson  
Leonard H. Shaker  
Harriott Meyer Shea  
T. Scott Stanwyck  
Meredith D. Stempel  
Anthony R. Turi, Jr.  
Heikki Uustal

Participation.....**35%**  
Total .....\$13,392  
Agent ..... Richard C. Shumway

1985

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

Charles Jay Bernstein  
Stephen Scott Ehrlich  
Suzanne Gay Frisch  
Theresa Ann Graves  
Thomas Edward Kingston, Jr.  
Seth Lawrence Krauss

Jonathan David Levine  
Katherine Stoddard Pope  
Michael J. G. Somers  
Jacqueline A. Tetreault  
James Kevin Wolcott

Contributors

Susan Leslie Baum  
Kevin Thomas Carey  
Anne Glover Chipperfield  
Roy A. Cobean  
Brenda Elizabeth Corrigan  
John Wight Durham  
Winston Milo Eddy, Jr.  
Daniel Kenneth Fram  
Eric Scott Frost  
Kathleen Ann Geagan  
Martin L. Ginsberg  
Eric Enrico Guardino  
Craig Robert Huttler  
Vito D. Imbasciani  
Marc Immerman  
Richard Dana Lovett  
George Stephen Peredy  
Bruce S. Rothschild  
Brian C. Shiro  
Curt M. Snyder  
John William Solari  
Dale William Steele  
Allan Sturges Teel  
Linda Louise Walker  
Donald Neal Weinberg

Participation.....**39%**  
Total .....\$22,613  
Agent ..... Suzanne Frisch  
Agent ..... Vito D. Imbasciani

1986

25 YEAR REUNION

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

Steven A. Burton  
Robert Ralph Harding  
Jennifer Madison McNiff  
Rasesh Mahendra Shah  
F. Todd Tamburine

Contributors

Sally Willard Burbank  
Matthew Williams Caldwell  
Linda Murray Cardinal  
Linda Ann Collins  
Stephen Crompton Culp  
Thomas J. Curchin  
David H. Dumont  
Bonnie Gong  
Jeffrey Albert Grass  
Mark H. Gregory  
Martin Theodore Grune  
Brad Holden  
Mizin Park Kawasaki  
Ronald Ivan Kaye  
Thomas M. Kinkead  
Dayle Gay Klitzner  
Dong-Joon Lee  
Mario Gabriel Loomis  
John Byron McCarthy  
James Robert Martin  
David Bernard McDermott  
Steven Paul Meyers  
Alan Robert Mizutani  
Anne Albert Moran  
Cathleen Elisabeth Morrow  
Marianne Gardy Passarelli

Brenda M. Phillips  
Michael Edward Phillips  
David Arthur Rinaldi  
Clifton Stever Slade  
Paul Richard Vom Eigen, Jr.  
JoAnn Marie Warren  
Jennifer Freda Weinraub  
Bradford John Wolk

Participation.....**45%**  
Total .....\$124,167  
Agent ..... Darrell Edward White

1987

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

Elizabeth Atwood Eldredge  
James Michael Jaeger  
Raymond David Petit  
James Louis Vayda

Contributors

Carol M. Armatis  
Susan Elizabeth Coffin  
David Raymond Couillard  
Rhett Lee Daugherty  
Harley Daniel Donnelly  
David George Evelyn  
Roger Joseph Giroux  
James Robinson Howe, V  
Betty Jane Keller  
Susan So-Hyoun Kim-Foley  
William Emil Luginbuhl  
Thomas M. Montagne  
Terence Edward Moran  
Marcia Ann Procopio  
Linda Karen Rathbun  
Jeffrey Alan Rosenblatt  
Kennith Hans Sartorelli  
Denise Michelle Soucy  
David Alban Stevenson  
Erica Turner  
Barbara Ellen Weber  
Alison Elizabeth Wondriska

Participation.....**30%**  
Total .....\$14,140  
Agent ..... J. Michael Jaeger  
Agent ..... Jeffrey Rosenblatt  
Agent ..... Helene Goldsman

1988

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

John Charles Bohnert  
Patricia Anne Heller  
Denise LaRue  
Niall Martin McGarvey  
H. James Wallace, III

Contributors

Suzanne M. Blood  
John Anthony Bonadies  
Sharon Marre Campion  
Wendy Skerritt Cathcart  
John G. Devine  
Frank Anthony DiFazio  
Jeffrey Stuart Epstein  
Christopher Kevin Foley  
Daniel Mark Friedland  
Argilla Rose George  
Michele Gerin-Lajoie  
Lesile Greta Goransson  
Douglas Frederick Hoffman  
Elizabeth Doble Holby



Elizabeth Howard Jillson  
Katherine J. Little  
Roger Kennedy Low  
Joseph Dean Nasca  
David Raymond Park, III  
Julie Ruggieri Park  
Lisa Anne Planeta  
Hannah Shore Powell  
James Pritchard Rines  
Mark Alan Schmetz  
Judy Fried Siegel  
Jeffrey Michael Slaiby  
Wayne L. Stokes  
Judith Austin Strohbehn  
Kris Strohbehn  
Heather Amanda Wolfe  
Lawrence I. Wolk

Participation.....**42%**  
Total .....\$13,450  
Agent ..... H. Hames Wallace  
Agent ..... Lawrence I Wolk

1989

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

Catherine Josephine Cantwell  
Robert Alan Cheney  
Mary Cushman  
Lisa Michele Cohen  
Suzanne Farrow Graves  
Dean George Mastras  
Cornelius John McGinn

Contributors

Judith Ford Baumhauer  
Ronald Edward Chicoine  
Craig Lanier Donnelly  
Joel Alexander Forman  
Pamela Cox Gibson  
Kelly Jane Hill  
Eric Paul Kohler  
Judith Lynne Lewis  
Marianne Marsh  
Laurie May Marston  
Kathryn Grunes Moss  
Martha Jane Moulton  
Peter M. Nalin  
Sarah Ann Ormsby  
Adam Bennett Pass  
Elke Pinn  
Sheila Ellen Ryan  
Keith Michael Shute

Peter Jon Tesler  
Elizabeth Sosna White

Participation.....**30%**  
Total .....\$18,361  
Agent ..... Peter M. Nalin

1990

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

Michael Dana Butler  
Elizabeth Conklin  
Jacquelyn Ann Hedlund  
Holly Louise McDaniel

Contributors

Scott Adelman  
William Evan Baker  
Christopher Jon Bigelow  
Donald Ralph Burgess  
Paula Jo Carbone  
Gina Carmela DelSavio  
Mary Zeile Dill  
Paul Andrew DiSilvestro  
Scott John Fabozzi  
Gregory Charles Fanaras  
James Barry Gagnon  
Scott Ralph Granter  
Martin Steven Keller  
Eric Charles Knight  
Phillip Ray Lapp  
Jeffrey H. Lawson  
Jennifer Mah Lawson  
Stephen Michael Leffler  
Michael Leo Lyons  
Francis Joseph Nolan  
Roland Roger Rizzi  
Lisa Lanzarone Saunders  
Maria Adriana Schoen  
Debra J. Shuma-Hartswick  
Daniel Scott Zapson

Participation.....**31%**  
Total .....\$9,025  
Agent ..... Barbara Angelika Dill

1991

20 YEAR REUNION

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

B. J. Beck  
Anne Parker Bergwall

Maryann Montemale LoMonaco  
Alan Kevin Stern

Contributors

Maria C. Aveni  
Mary Harkins Becker  
Peter Joseph Bellafiore  
Stephanie Briggs  
David C. Brunelle  
John Dewey  
Catherine Welch Dinauer  
Lisa Buehring Emond  
Margaret Bunce Garahan  
Charles Gordon Goldberg  
Philip Jay Katzman  
Stephen M. Koller  
Dale Jeanne LaCroix  
Stephen B. Mason  
Lila Hopson Monahan  
Theodora Jeanne Nelson  
Laura Mary Norris  
Kimberley L. O'Sullivan  
David Harris Peel  
James Brian Powers  
Christopher Martyn Quinn  
Richard J. Russell  
Charles Henry Salem  
Deborah Ann Spaight  
Geoffrey Edward Starr  
Gregory A. Walker  
George Nicholas Welch  
Lisa Asnis Wisniewski  
MaryAnn Yeatts-Peterson  
Michael Peter Zacks

Participation.....**40%**  
Total .....\$11,795  
Agent ..... John Dewey

1992

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

Mark Eliot Pasanen

Contributors

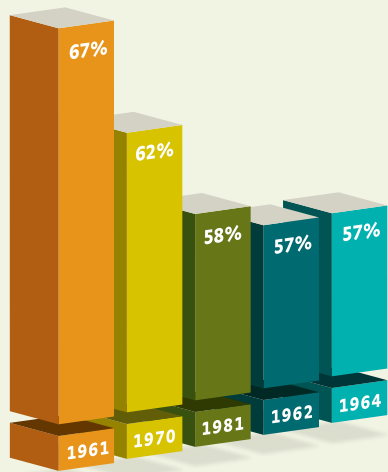
Paul Afek  
John Joseph Albertini  
Sarah Usher Aycock  
Gillian Margaret Betterton  
Charles Adam Blotnick  
William Alexander Craig  
Robert Winn Curran  
Andrew Scott Ellowitz



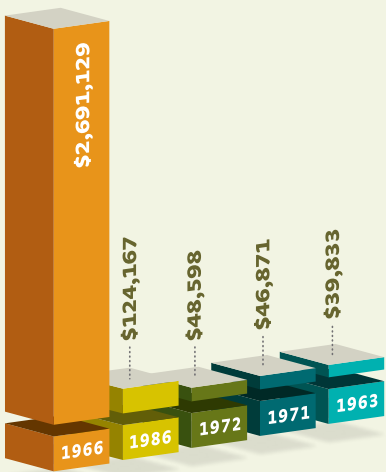
Above: Mario Morgado; right: UVM Med Photo



FISCAL YEAR 2011 PHILANTHROPIC ALUMNI SUPPORT



Alumni Participation  
TOP 5 CLASSES (by %)



Alumni Giving  
TOP 5 CLASSES (by \$)

1946	65 year	\$4,163	25%
1951	60 year	\$2,600	57%
1956	55 year	\$18,400	62%
1961	50 year	\$19,025	67%
1966	45 year	\$2,690,029	44%
1971	40 year	\$46,871	52%
1976	35 year	\$18,523	47%
1981	30 year	\$31,975	58%
1986	25 year	\$14,167	45%
1991	20 year	\$11,795	40%
1996	15 year	\$8,186	40%
2001	10 year	\$7,597	29%
2006	5 year	\$1,333	19%
TOTAL		\$2,874,664	45%

Reunion Class Giving  
TOTAL (by \$) & PARTICIPATION (by %)

J. Nathan Hagstrom  
Bryan Matthew Huber  
Shirlene Jay  
Heidi M. Larson  
Yolanda Glogowski Lawrence  
Susan Elizabeth Long  
Martin Devroe McCarter  
Kemediy Kathryn McQuillen  
David Gary Nelson  
Konstantinos Papadakis  
Katherine Ray  
Jennifer Podolnick Rowley  
Patrick Joseph Rowley  
Gregory David Russell  
Janice Coflesky Saal  
Lori Ann Sheporaitis  
Jennifer Lee Woodson

Participation.....30%  
Total .....\$6,623

**1993**  
**Medical Ira Allen Society (\$1,000+)**  
David Joseph Evelti  
George Ross Winters, III

**Contributors**  
Barbara Kyoko Ariue  
Christina Hammerman Atkin  
Jennie Mariah Atkinson  
Michael James Belanger  
Russell Stuart O. Bradley  
David John Coppola  
Leo Joseph Gosselin, Jr.  
Joan Elizabeth Howe  
Scott Christopher Jaynes  
Doris Miwon Kim  
Stephen F. Koelbel  
Mark Zak Lanoue

David Coffin Longcope  
John Joseph McGrath, III  
Randi James McLeod  
Zaki Nashed  
Eli John Nasrallah  
Christine D. Northrup  
Jeannine Kathryn Ritchie  
Veronica Mueller Rooks  
Steven Lawrence Shapiro  
Mark Thanassi  
Lisa Ruanne Thomas  
Alan David Verrill  
Mara Vija Vijups  
R. Bradford Watson  
Christopher Avery Wellins

Participation.....31%  
Total .....\$11,610  
Agent .....Joanne Taplin Romeyn  
Agent .....Brad Watson

**1994**  
**Contributors**  
Thomas Allen Atkins  
Paul Phillip Bergeron  
Jennifer Van Noy Cochran  
Benedict John Farino, III  
Timothy Scott Howard  
Nicholas James Kenyon  
Lisa Britt Lampert  
Eddy Hsin-Ih Luh  
Eric Mukai  
Craig David Nielsen  
Manisha Ami Patel  
Maureen Glennon Phipps  
Seth Alan Rafal  
Scott Anthony Ramming  
Holliday Kane Rayfield  
Ann Talbot Schwartz  
Caryn Lynn Silver

Laurie Ann Small  
Catherine Mary Spath  
Eric Stephen Stram  
Michael Dodds Upton  
Wendy Lynn Whitcomb

Participation.....24%  
Total .....\$4,158  
Agent .....Holliday Kane Rayfield

**1995**  
**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  
Anjulika Chawla  
Peter George Christakos  
Robert Louis Cloutier  
Julie Marie Crosson  
Sarah Perkins Dahl  
Andrew John Deane  
Amy E. Ferguson-Kantola  
Donna McClauflin Gamache  
Deborah Sue Gelbspan  
Caroline Berth Gutmann  
Kendra Hutchinson  
Leslie Susanne Kerzner  
Brian Jay Levine  
John Christopher Makrides  
Patti Anne Paris  
Nicola S. Rotberg  
E. Brooke Spencer  
Aaron Saul Stern

Lynne Maria Tetreault  
Laura Frances Trice  
Lynn Hietala Wickberg  
Douglas Robert Wood  
Melissa Christina Yih  
Laurie Elizabeth Yntema

Participation.....35%  
Total .....\$11,370  
Agent .....Allyson Miller Bolduc

**1996**  
**15 YEAR REUNION**  
**Medical Ira Allen Society (\$1,000+)**  
Anne Marie Valente

**Contributors**  
Kim Bruce Abell  
Kristen Audra Atkins  
Lisa Binkerd Bergersen  
Thor Christian Bergersen  
Jennifer Luria Bolduc  
Thomas G. Bolduc  
Kristin B. Bradford  
Kimberly Masayo Bruno  
Brian V. Chu  
Neelima Vemuganti Chu  
Danette Terese Colella  
Janna Lyn Doherty  
Michael Goldstein  
Erin Megann Hall-Rhoades  
R. Eric Henrickson  
George Louis Jennings  
Brad Lee Jimmo  
Sandra E. Kapsalis  
Patricia Ann King  
M. Elizabeth Knauff  
Carol Kuhn  
Audra J. Kunzman-Mazdzer

Jennie Ann Leach  
Benjamin Harris Maeck, III  
Amy Roberts McGaraghan  
Brian Michael Nolan  
Michelle Cynthia Perkins  
Mark William Ramus  
David C. Rettew  
Amy Beth Rubman-Siegel  
Hannah Vargas Stechschulte  
Robert Stoppacher  
Amy Elizabeth Sullivan  
Mark Alan Vining  
Melissa Carol Volansky  
Maziar Zamani

Participation.....40%  
Total .....\$8,186  
Agent .....Anne Marie Valente  
Agent .....Patricia Ann King

**1997**  
**Medical Ira Allen Society (\$1,000+)**  
Steven Andrew Battaglia  
Alexander Kendall Hughes

**Contributors**  
Charlotte Eielson Ariyan  
James Anthony Bell  
Michael August Binette  
Carol Lee Blackwood  
Daniel Isadore Cordas  
Julianne Yantachka Icatar  
Jacqueline Sara Jeruss  
Jason Anthony Lyman  
Nasreen Malik  
Amy Hazelton Martin  
Jonathan Edward Martin  
Andrea Kay Moyer  
Victoria J. Noble

Lucien Reginald Ouellette  
Steven Hutton Ryder  
Dianne Elizabeth Sacco  
Francis Davis Shih  
David Frederick Smail, Jr.  
Julie Clifford Smail  
Robert Veve  
Elizabeth Orme Westfall

Participation.....25%  
Total .....\$5,842  
Agent .....Julie Smail

**1998**  
**Medical Ira Allen Society (\$1,000+)**  
Kirk Patrick Bernadino  
Dorothy Young Fisher

**Contributors**  
Halleh Akbarnia  
Eileen Frances Baker  
Carole Elizabeth Bibeau  
Stuart Vasche Braun  
Anne Elizabeth Brena  
Joyce M. Dobbartin  
Elizabeth Grace Doherty  
Glen J. Ha  
Anne Griffith Hartigan  
Kathleen Ann Herlihy  
Matthew Mingshun Hsieh  
Colleen Elizabeth Kelly  
John Duncan Lloyd  
Benjamin A. Lowenstein  
Melanie Ann Mailloux  
Scott Edward Musicant  
Seong Sik Park  
Amy Floor Parker  
James Prescott Parker  
Tasha Ann Worster

Participation.....24%  
Total .....\$5,275  
Agent .....Halleh Akbarnia

**1999**  
**Medical Ira Allen Society (\$1,000+)**  
Kristopher Russell Davignon

**Contributors**  
Stacey Tamalon Bean  
Amy Louise Belisle  
Robert J. Berkowitz  
Scott David Blanchard  
Jane Chang  
Nicole A Clark  
Fernando Fan  
Anna Grattan Flik  
Kyle Rudiger Flik  
Alicia Martin Forster  
Amy R. Harrow  
James Irvin Huddleston, III  
Jeffrey Ronald Kenney  
David G. Lindquist  
Ann E. Maloney  
Erik Nelson  
Amy Debra Ouellette  
Burak Mehmet Ozgur  
Jennifer Lafayette Park  
Stephen Andrew Reville  
Marc Noel Roy  
Elan B. Singer  
Donald Strickland  
Peter James Swarr

Clesson Edwin Turner  
Cindy Shih-Fen Wun  
Pramila Rajni Yadav  
Katy Chien-Chien Young-Lee  
Christa Maria Zehle

Participation.....33%  
Total .....\$6,085  
Agent .....Everett Jonathan Lamm  
Agent .....Deanne Dixon Haag

**2000**  
**Medical Ira Allen Society (\$1,000+)**  
Allison K. Harbour

**Contributors**  
Jay Edmond Allard  
Mary Dickinson Chamberlin  
Amy Chialing Chen  
Laurance Walter Choate  
Anne Nieder Clegg  
Monica Claire Fiorenza  
Laura Aman Greene  
Gregory Scott Hunt  
Christine Waasdorp Hurtado  
Sharone L. Jensen  
Maya Ratna Jerath  
Jennifer Kelley Ladd  
Prudence Bonita Lam  
Deborah Bowers Lang  
Melanie Collier Lawrence  
Naomi R. Leeds  
Anna Roach Lewis  
David Knight Lisle  
Jennifer Webster Lisle  
Nicole Amato Nalchajian  
Amy Doolan Roy  
Jennifer Bissonette Ryder  
Jill M. Samale  
Sarah Carlson Schneider  
Heather Erin Tarrant  
John M. Wright

Participation.....27%  
Total .....\$5,825  
Agent .....Jay Edmond Allard  
Agent .....Michael Jim Lee  
Agent .....Naomi R. Leeds

**2001**  
**10 YEAR REUNION**  
**Medical Ira Allen Society (\$1,000+)**  
Adam Scott Kanter  
Anne Marie Koch  
Gregory Joseph Anatol Murad

**Young Alum Patrons (\$250-\$999)**  
Ladan Farhoomand  
Barbara Vinette Gannon  
Jennifer Juhl Majersik  
Gregory James McCormick  
Ann Parks Murchison

**Contributors**  
Sara August  
Stephen Christopher Baad  
Arun Basu  
Alan Dell Cook  
Cydney Horsley Cox  
Edward Anthony Daly, Jr.  
Gretchen Marie Gaida  
Marguerite Cadwallader Gump

Nicole Rioux Hynes  
Emily J. June  
Jeanne Lister MacDonald  
Jonathan R. McDonagh  
JoAn Louise Monaco  
Heather Menzies Perry Smith  
Christina L. Scully  
Steven Geoffrey Simensky  
Tae K. Song

Participation.....27%  
Total .....\$7597  
Agent .....Ladan Farhoomand  
Agent .....Joel W. Keenan  
Agent .....JoAn Louise Monaco

**2002**  
**Medical Ira Allen Society (\$1,000+)**  
Hunter Geoffrey Brumblay  
Grace K. Moy  
Thuan T. Nguyen  
Anand Parthasarathy

**Young Alum Patrons (\$250-\$999)**  
Teresa Ann Fama  
Babak Fardin  
Gregg Daniel Fine  
Andrew Jackson Goodwin, IV  
Walter Joseph Grabowski  
Jonathan Vinh Mai  
Ibrahim A. Omeis  
Mary O'Leary Ready  
James Alfred Wallace

**Contributors**  
Ghazaleh Zardoost Aram  
Jennie Stover Champion  
Christopher Joseph Hebert  
James Edward Janik  
Kerry Lee Landry  
Caroline Bullock Lyon  
Walter E. McNally  
Mariah McNamara  
Gregory James Morrissette  
Elizabeth Ann O'Brien  
Pearl Schloff Riney

Stephen Martin Shreeve  
Christine Mary Staats  
Julie Melissa Wade

Participation.....28%  
Total .....\$13,618  
Agent .....Jonathan Vinh Mai  
Agent .....Kerry Lee Landry  
Agent .....Mary O'Leary Ready  
Agent .....Maureen C. Sarle

**2003**  
**Medical Ira Allen Society (\$1,000+)**  
Jacquelin Panko

**Young Alum Patrons (\$250-\$999)**  
Duc Thu Do  
Todd Richard Howland

**Contributors**  
Jason Sangjin Chang  
Sarah Jean Conlon  
Renee M. Fay-Leblanc  
Scott Thomas Goodrich  
Michael Gurell  
Emily Aikenhead Hannon  
James Nathan Horstmann  
Sara Howland Horstmann  
Omar Abdullah Khan  
David M. Leavitt  
Lynn E. Madsen  
Peter Coleman Manning  
Hannah Sidney Mitchell  
Kristen Kelly Pierce  
Laurel Barkell Plante  
Stacey L. Valentine

Participation.....21%  
Total .....\$3,125  
Agent .....Omar Khan  
Agent .....Scott Goodrich

**2004**  
**Young Alum Patron (\$250-\$999)**  
Alexandra G. Cornell

PROFILE IN GIVING

The Pasanen Family Bridge

Some families share a deep connection with the College of Medicine that stretches across generations. The Pasanen family is a prime example: Wayne Pasanen, M.D.'71, an emergency medicine physician from Massachusetts, has long been an ardent supporter of his medical alma mater, and is joined by his son, Mark Pasanen, M.D.'92, a Burlington, Vt. primary care physician, associate professor of medicine at the College, and Medical Alumni Association president-elect. The Pasanens' longstanding philanthropic support is reflected in the naming of a bridge in the Courtyard at Given, the College's newest structure that sits at the center of daily life at the school.



**Contributors**  
Allison Leigh Ciolino  
Carolyn Elizabeth Come  
Salley Anne Gibney  
Diane Jean Hakey  
Jeremy S. Hertzig  
Steven David Lefebvre  
Nicole Patricia Piscatelli  
David Carmine Scalzo  
Faye Blacker Serkin  
Mary Alice Vadnais

Participation.....12%  
Total .....\$1,045  
Agent .....Jillian Sullivan  
Agent .....Stephen Lefebvre

**2005**  
**Young Alum Patrons (\$250-\$999)**  
Shaun Robert Miller  
Neal A. Saxe

**Contributors**  
Julie Ann Alosi  
Jean K. Andersson-Swayze  
Marta Zofia Bator  
Roshelle J. Beckwith  
Carolyn J. Brenner  
Sarah Ann Czok  
Jennifer Chuang Daly  
Rachel Elizabeth Gaidys  
Debra Ann Gargiulo  
Salwa Khan  
Jacob W. Lilly  
Mark D. Lo  
Michelle T. Pahl  
Andrea M. Pliakas  
Seth R. Podolsky  
Tiffany Frazar Rudloe

Participation.....21%  
Total .....\$1,900  
Agent .....Julie A. Alosi  
Agent .....Richard J. Parent



2006

5 YEAR REUNION

Young Alum Patrons (\$250–\$999)

Sarah Anne Blair  
Lauren Jane Massingham

Contributors

Kerrie Lynn Adams  
Erin Lechner Belfort  
Leslie S. Bradford  
Daniel R. Brooks  
Wells Michel Chandler  
Abigail A. Donaldson  
Alicia T. Guilford  
Alison E. Jaquith  
Erron Laskin Kinsler  
Webb Ellis Long  
James Benson Metz  
Logan Young Murray  
Amy Blake Susnow  
Amanda Jane Thompson  
Mattie Elizabeth Towle  
Anupama V. Vijay

Participation.....19%  
Total .....\$1,133  
Agent .....William C. Eward  
Agent .....Deborah Rabinowitz  
Abrams

2007

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

Allison Beth Collen  
Christina Marie Trillis

Young Alum Patron (\$250–\$999)

Gabrielle A. Jacquet  
Sara Margaret Pope  
Matthew Schreiber

Contributors

Gregory John Connolly  
Leah McLane Costello  
Mia Fay Hockett  
Kurt H. Kelley  
Eric Morris Suess  
Aimee Paradis Velasco

Participation.....10%  
Total .....\$2,307  
Agent .....Allison Collen  
Agent .....Scot Millay

2008

Agent .....Mark Hunter  
Agent .....Alyssa Wittenberg  
Agent .....Ashley Zucker

2009

Contributors

Rebecca M. Brakeley

Participation.....1%  
Total .....\$50  
Agent .....Rebecca Brakeley  
Agent .....Kate Murray Mitchell  
Agent .....Campbell Stewart

2010

Contributors

Kristen VanWoert Connolly  
David Patrick Curley  
Elizabeth Sara Lycett  
Bryan Charles Mason  
Trevor Robinson Pour  
Alia F. Whitehead

Participation.....6%  
Total .....\$150  
Agent .....Michael Alavian  
Agent .....Pei Chen  
Agent .....Heidi Schumacher

2011

Young Alum Patron (\$250–\$999)

Yangseon Park

Contributors

Nick Auchman  
Aaron S.Bos  
Benjamin J. Briggs  
David Diller  
Seth M. Dorsky  
Theodore F. Elsaesser  
Andrew J. Eyre  
Garrett M. Fidalgo  
Megan E. Gossling  
Patrick John Hackett  
Margaret Patricia Holmes  
Marisa Hori  
Casey Bayley Johnson  
Phillip H. Lam  
Julie Anne Lange  
Isaac Charles Roy Leader  
Timothy R. Leclair  
Matthew R. Lynch  
Carrie Moats  
Matthew John Meyer  
David John Morrow  
Metasebia T. Munie  
Lindsay C. Oliver  
Daniel Corey Oppenheimer  
Adrienne Stacey Pahl  
Erin Mackenzie Perko  
Chase B. Petersen  
Barron J. Reyes  
Jessica K. Sayre  
Jason D. Shen  
Tara Elena Song  
Kanayo Tatsumi  
Kara A. Tweadey  
Matthew Rand Williams  
Jennifer Ann Wlodarski  
Whitney Young

Participation.....32%  
Total .....\$1,128  
Agent .....Nick Auchman  
Agent .....Carrie Moats



PROFILE IN GIVING

Waldron Fund Lecture Spreads the Word on Cancer Treatment

When Vermonters Donna and Marty Waldron’s son, Sean, passed away from acute myelogenous leukemia in 1992 at 21 years of age, the couple wanted to do something meaningful to support those who cared for Sean, and to help other cancer patients as well. They started a fund in Sean’s memory to support hematologic malignancy research at the Vermont Cancer Center (VCC), under the direction of Associate Professor of Medicine Barbara Grant, M.D., who had been Sean’s oncologist, and to whom the Waldrons feel very grateful.

The Vermont Cancer Center (VCC) at the University of Vermont and Fletcher Allen Health Care presented the first Waldron Lecture in October 2011. Judith Karp, M.D., professor of oncology and medicine and director of the Leukemia Program at the Johns Hopkins Sidney Kimmel Comprehensive Cancer Center, discussed “Harnessing Cell Cycle and Repair Pathways in the Investigation and Treatment of Blood Cancers” with physicians and other cancer caregivers from across the academic medical center. (The Waldrons are seen in the above after-lecture photo with Dr. Karp at center.)

The Sean Patrick Waldron Lymphoma & Hematologic Malignancy Fund has steadily grown, thanks to the generosity of the family and friends in the community. Now, in addition to directly helping improve research, they are regularly spreading new and improved knowledge to help improve the care of cancer patients today.

Named Lectureships

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

Academic Awards and Honors Class of 2011

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.

Rachel Bell Cain	Amy S. Odefey
Andrew J. Eyre	Heather L. Provencher
Erin M. Garvey	Emily R. Schonberg
Robert C. Johnston	Bennett H. Shapiro
Aaron S. Kraut	Tara E. Song
Matthew J. Lynch	Ryan J. Vealey
Quinn C. Meisinger	Heather Viani Shenk
Matthew J. Meyer	Anthony N. Vu
Hunter B. Moore	J. Kristopher Ware

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.

Dino N. Barhoum	Brian M. Kilonzo
Angus Beal	Aaron S. Kraut
Rachel Bell Cain	Phillip H. Lam
Benjamin J. Briggs	Isaac Leader
Lawrence M. Dagraosa	Quinn C. Meisinger
Andrew J. Eyre	Matthew J. Meyer
Luz Félix Márquez	Steven B. Perrins
Erin M. Garvey	Tara E. Song
Megan E. Gossling	Margaret E. Spottswood
Abby A. Gross	Ryan J. Vealey
Casey B. Johnson	Anthony N. Vu

The Ellsworth Amidon Award

for outstanding proficiency in Internal Medicine

Phillip Lam

The David Babbott, M.D. “Caring and Seeing” Award

for compassion in medicine

Hugo Valencia

\*The Dean William Eustis Brown Award

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

Matthew J. Meyer

The Ernest H. Buttles Award

for excellence in Pathology

Rachel Bell Cain

The Carbee Award

for academic excellence in Obstetrics, Gynecology and Reproductive Sciences

Robert C. Johnston

The James E. Demeules Surgical Research Prize

First place: Erin M. Garvey

Second place: Molly A. Wasserman

Third place: Quinn C. Meisinger

The Family Medicine John P. Fogarty Leadership Award

Luz Félix Márquez

The Edward E. Friedman Award

for promise of excellence in the practice of Family Medicine

Casey B. Johnson

The Dr. & Mrs. Nathaniel Gould , M.D.’37 Prize

for outstanding achievements in Orthopaedic Surgery

J. Kristopher Ware

The Harry Howe, M.D.’52 Senior Student Award

for excellence in Surgery

Erin M. Garvey

The Kerzner Family Prize

for service to the community

Luz Félix Márquez

\*The Lamb Fellowship Award

for best exemplifying concern and care for the total patient

Megan E. Gossling

The John V. Maeck, M.D.’39 Robe Recipient

for overall excellence in Obstetrics, Gynecology and Reproductive Sciences

Robert C. Johnston

The Maine Medical Center Surgery Clerkship Award

for best demonstration of the combination of academic ability, leadership and compassion while on the Surgery Clerkship

Anthony N. Vu

The Herbert Martin Sr., M.D. Award

for excellence in Neurology

Chase B. Petersen

The John E. Mazuzan Jr., M.D. ’54 Award

for excellence in Anesthesiology

Amy S. Odefey

The Medical Student Prize

for excellence in Neurology

Molly A. Wasserman

The H. Gordon Page, M.D.’45 Award

for excellence in Surgery

Hunter B. Moore

Molly A. Wasserman

The Phi Beta Kappa Award

Tara E. Song

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.

Dino N. Barhoum

The Radiology Achievement Award

for excellence in Radiology

Quinn C. Meisinger

The B. Albert Ring, M.D. Memorial Grant Award

for best exemplifying compassion, humor, humility, devotion to family and friends, and intellectual curiosity.

Abby A. Gross

The Durwood Smith Award

for excellence in Pharmacology

Rachel Bell Cain

The Charles T. Schechtman, M.D.’26 Award

for Clinical Excellence

Erin M. Garvey

Matthew R. Lynch

Aaron S. Kraut

Heather L. Provencher

The Society for Academic Emergency Medicine Award

for excellence in Emergency Medicine

David Diller

The Ralph D. Sussman, M.D.’38/Medical Alumni Award

for excellence in Pediatrics

Megan E. Gossling

The William Sweetser Award

for excellence in Psychiatry

Margaret E. Spottswood

Sarah E. Guth

The David M. Tormey Award

for perseverance in the pursuit of medical education

Colleen C. Moran

The Joseph B. Warshaw Scholarship Award

for M.D.-Ph.D. thesis excellence

Wendy A. Neveu

The Henry & Phyllis Wasserman Phorplus Scholarship Prize

for excellence in the Basic Sciences

Rachel Bell Cain

Quinn C. Meisinger

Andrew J. Eyre

Anthony N. Vu

Erin M. Garvey

The Laura Weed, M.D. Award

for qualities of excellence, service, and commitment in Internal Medicine

Heather Viani Shenk

\*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.

David Diller

Matthew J. Meyer

The Ephraim Woll Award

for excellence in General Pathology

Rachel Bell Cain

Anthony N. Vu

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: Casey B. Johnson

Faculty Award: David Mooney, M.D.

\* Awarded by vote of the class



# Endowed Chairs & Professorships

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, M.D.

## John Van Sicklen Maeck, MD’39 Chair in Obstetrics and Gynecology (2000)

Mark Phillippe, MD

## 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. Tampas 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 Tampas 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

## Student Assistance

We are grateful to the supporters of the following funds which provided assistance to medical students at the University of Vermont College of Medicine.

Benjamin Adams, MD1909 Loan Fund  
Philip Adler, MD’53 Scholarship Fund  
Ellice M. Alger, MD’93 Memorial Scholarship Fund  
Donato Anthony Astone, MD’24 Medical Endowed Scholarship Fund  
David Babbott, MD Caring & Seeing Award Endowed Fund  
Elinor Bergeron Tourville Bennett Loan Fund  
Peary B. Berger, MD’36 Medical Scholarship Fund  
John L. Berry, MD’29 and Kathleen V. Berry Fund  
Albert Blenderman, MD’43 Medical Endowed Scholarship Fund in memory of Margaret Morse Blenderman  
Moses D. Carbee Scholarship Fund  
Lewis Chester, MD’38 Medical Scholarship Fund  
Leo C. Clauss Scholarship  
The Roger S. Colton, MD’58 Scholarship Fund  
Jack & Gertrude Cooper Scholarship Fund  
Lucien J. Côté, MD’54 Endowed Scholarship Fund  
Dahl-Salem Family Endowed Scholarship Fund  
Dwight C. Deyette Fund  
Harriet Dustan, MD’44 Scholarship Fund  
Willey Ely Scholarship Fund  
Grover Emery Scholarship Fund  
John W. and John Seeley Estabrook, MD’33 Fund  
Edward Vincent Farrell, MD’10 Scholarship Fund  
Finance Authority of Maine  
Jean and Wilfrid Fortin, MD’61 Scholarship Fund  
Freeman Foundation Medical Scholars Program Fund  
Freeman Foundation Legacy Medical Scholarship Program Fund  
Amos Ginn Medical Scholarship Fund  
Alan Godfrey, MD’27 and Helen Godfrey Scholarship Fund  
The Margaret S. and Manfred I. Goldwein, MD’54 Memorial Scholarship Fund  
James Roby Green, MD’70 Scholarship Fund  
Harold Haskel, MD’21 Scholarship Fund

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

Jonathan Harris Ranney, MD’09 and Zilpah Fay Ranney Scholarship Fund  
Robert Richards, MD’54 Scholarship Fund  
Herbert P. Russell Scholarship Fund  
Winston A.Y. Sargent, MD’30 Loan Fund  
Winston A.Y. Sargent, MD’30 Medical Scholarship Fund  
Charles Schechtman, MD’26 and Sylvia Schechtman Scholarship Fund  
Ruth Andrea Seeler, MD’62 Medical Endowed Scholarship Fund  
Peter Shammon Scholarship Fund  
C. V. Starr Medical Scholarship Fund  
Bartlett H. and Mable L. Stone Scholarship Fund  
William C. Street, MD’59 Endowed Scholarship Fund  
F.D. Streeter Scholarship Fund  
Michael & Hedwig Strobbe Endowed Scholarship Fund  
Alfred J. Swyer, MD’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, MD’15 Medical Scholarship Award Fund  
Winokur Family Endowment Fund  
Keith Wold, MD’51 and Elaine Wold Medical Scholarship Fund

UVM Medical Alumni Association Challenge Scholarships

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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 the Class of 1955 (shown above listening to the legendary Prof. Ellsworth Amidon, M.D.’32) spent much of their time in the hall. Today’s students take in lectures in the Sullivan Classroom or in the recently renouated Carpenter Auditorium, but the College’s educational mission of inspiring a lifetime of learning in the service of the patient remains the same. The Hall A magazine section is a meeting place in print for all former students of the College of Medicine.

Bottom: Raj Chawla, UVM Med Photo





As I look ahead to my own 35th reunion this June, I can't help but be reminded of an earlier reunion for my class — our 25th reunion in 2002. The ten years since 2002 have certainly flown by. My fellow class members and I are very proud of the part we were able to play in one of the most significant improvements in medical education at UVM during the past decade. It is, I think, an example of how all alumni can continue to play a part in education and student life long after our years on the campus are done.

Ten years ago, a group of us from the Class of '77 decided to help fund health care for one particular patient who, as even a cursory physical examination would show, was mostly made up of plastic and wire. His name was SimMan. He was the first highly functional patient simulator to be used at the College of Medicine. We raised the funding for him over the course of the year, and by the time our reunion came, SimMan had his own gurney in the Student Assessment Center in the Given Building, and was on the way to playing a regular part in the instruction of medical students.

That was just the first step. In the last decade, simulation has blossomed into one of the most important methods for preparing students for clinical work. And, thanks in large part to the generous support of the late Tom Sullivan, M.D.'66, the University has a spacious, beautiful Clinical Simulation Laboratory that is used every day by medical students as well as nursing and other health sciences students, staff members from Fletcher Allen Health Care, community EMS members, and members of the Vermont National Guard.

I've been fortunate to practice close to my medical alma mater, where I encounter UVM medical students almost every day; but my class giving experience has shown me that no matter how far away from Vermont you may be, it's still possible to support medical education efforts and affect the lives of today's students in many positive ways. I hope you'll foster those connections, whenever you can, including Reunion, or by taking the opportunity to join us at any of the alumni receptions you'll find listed on our "Upcoming Events" calendar. We're hosting a special reception at our new clinical education site in Danbury, Conn., in May, so if you live in the area, I hope you'll come and say hello in person.

*Jim Hebert*

**Jim Hebert, M.D.'77**

Albert G. Mackay, M.D.'32 and  
H. Gordon Page, M.D.'45 Professor of Surgery

## University of Vermont College of Medicine

### THE UNIVERSITY OF VERMONT FOUNDATION

#### MEDICAL DEVELOPMENT & ALUMNI RELATIONS OFFICE

**Interim Director, Development  
& Alumni Relations/  
Director of Annual Giving**  
Sarah Keblin

**Director, Major Gifts**  
Manon O'Connor

**Director, Medical Alumni Relations**  
Cristin Gildea

**Director, Administration & Planning**  
Ginger Lubkowitz

#### Assistants

Jane Aspinall  
James Gilbert

### UNIVERSITY OF VERMONT MEDICAL ALUMNI ASSOCIATION

#### ALUMNI EXECUTIVE COMMITTEE

##### Officers (Two-Year Terms)

**President**  
James C. Hebert, M.D.'77 (2010–2012)

**President-Elect**  
Mark Pasanen, M.D.'92 (2010–2012)

**Treasurer**  
Paul B. Stanilonis, M.D.'65 (2010–2012)

**Secretary**  
H. James Wallace III, M.D.'88 (2010–2012)

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

##### Members-At-Large (6-Year Terms):

Mark Allegretta, Ph.D.'90 (2010–2016)  
Ellen Andrews, M.D.'75 (2010–2016)  
Don P. Chan, M.D.'76 (2009–2015)  
Carleton R. Haines, M.D.'43 (2006–2012)  
Leslie S. Kerzner, M.D.'95 (2009–2015)  
Naomi R. Leeds, M.D.'00, M.P.H. (2010–2016)  
Frederick Mandell, M.D.'64 (2009–2015)  
Jacqueline A. Noonan, M.D.'54 (2006–2012)  
Suzanne R. Parker, M.D.'73 (2010–2016)  
Betsy Sussman, M.D.'81 (2007–2012)



### Send Us Your Stories!

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

## 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](mailto:medalumni.relations@uvm.edu) or (802) 656-4014. If your email address has changed, please send it to [medalumni.relations@uvm.edu](mailto:medalumni.relations@uvm.edu).

### 1943

#### Francis Arnold Caccavo

(M.D. Dec. 1943)  
51 Thibault Parkway  
Burlington, VT 05401  
(802) 862-3841  
[dracac@verizon.net](mailto:dracac@verizon.net)

#### Carleton R. Haines

(M.D. Dec. 1943)  
88 Mountain View Road  
Williston, VT 05495  
(802) 878-3115

#### Harry M. Rowe

(M.D. March 1943)  
65 Main Street  
P.O. Box 755  
Wells River, VT 05081  
(802) 757-2325  
[rowe1912@charter.net](mailto:rowe1912@charter.net)

### 1944

#### Wilton W. Covey

357 Weybridge Street  
Middlebury, VT 05753  
(802) 388-1555

**Gerald L. Haines** writes: "At the age of 91, I still am able to appreciate the excellence of my education at UVM, and to appreciate the stimulation which Dr. Pete Donaghy provided for me to become a Neurosurgeon."

### 1945

#### Robert E. O'Brien

414 Thayer Beach Road  
Colchester, VT 05446  
(802) 862-0394  
[drreobrien@aol.com](mailto:drreobrien@aol.com)

#### H. Gordon Page

9 East Terrace  
South Burlington, VT 05403  
(802) 864-7086

### 1946

Please email [medalumni.relations@uvm.edu](mailto:medalumni.relations@uvm.edu) if you'd like to serve as 1946 class agent.

### 1947

#### REUNION '12

Please email [medalumni.relations@uvm.edu](mailto:medalumni.relations@uvm.edu) if you'd like to serve as 1947 class agent.

### 1948

#### S. James Baum

1790 Fairfield Beach Road  
Fairfield, CT 06430  
(203) 255-1013  
[baum@optonline.net](mailto:baum@optonline.net)

### 1949

#### Joseph C. Foley

32 Fairmount Street  
Burlington, VT 05401  
(802) 862-0040  
[jcfoley@adelphia.net](mailto:jcfoley@adelphia.net)

#### Edward S. Sherwood

24 Worthley Road  
Topsham, VT 05076  
(802) 439-5816  
[lois@vermontel.net](mailto:lois@vermontel.net)

### 1950

#### Simon Dorfman

8256 Nice Way  
Sarasota, FL 34238  
(941) 926-8126

**Marjorie J. Topkins** reports: "To my amazement, I'm still here. I try to take a small trip each year with my younger daughter. I play bridge and someone told me of all the activities for us old folks, bridge is best for delaying Alzheimer's."

### 1951

#### Edward W. Jenkins

7460 South Pittsburg Ave.  
Tulsa, OK 74136  
(918) 492-7960  
[DrEWJmd@aol.com](mailto:DrEWJmd@aol.com)

## Upcoming Events

### April 20, 2012

6:30–8:00 pm  
UVM Medical Alumni Association & Northern New England States reception during the American College of Physicians conference  
New Orleans Marriott

### May 4, 2012

6:00–7:30 pm  
Medical Alumni Reception  
Hosted by MAA President James C. Hebert, MD '77  
Ethan Allen Hotel, Danbury, Conn.

### May 5, 2012

Spring Alumni Executive Committee meeting  
Ethan Allen Hotel, Danbury, Conn.

### May 20, 2012

2:00 pm  
Graduation  
Ira Allen Chapel

### June 8–10, 2012

Medical Reunion  
UVM Campus

### October 6, 2012

Fall Alumni Executive Committee Meeting  
UVM Campus



FOR UPDATES ON EVENTS SEE:  
[www.med.uvm.edu/alumni](http://www.med.uvm.edu/alumni)



1952

REUNION '12

**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

1953

**Richard N. Fabricius**  
17 Fairview Road  
Old Bennington, VT 05201  
(802) 442-4224

**Bernard Kabakow** is “Retired after 50 years practicing Oncology. Volunteering in a clinic in Ithaca, N.Y. where there are several UVM alumni.”

1954

**John E. Mazuzan Jr.**  
366 South Cove Road  
Burlington, VT 05401  
(802) 864-5039  
mazuzan@burlingtontelecom.net

1955

**Marshall G. London**  
102 Summit Street  
Burlington, VT 05401  
(802) 864-4927  
marshall19554susanne@gmail.com

1956

**Ira H. Gessner**  
1306 Northwest 31st Street  
Gainesville, FL 32605  
(352) 378-1820  
gessnih@peds.ufl.edu

**Don Lipsitt** says he “Recently saw my old lab partner, John Manuelian, at a concert conducted by our son, Steven (Boston Classical Orchestra). Seems to be enjoying retirement. I can’t quite do it; still seeing patients, teaching and writing.”

1957

REUNION '12

**Larry Coletti**  
34 Gulliver Circle  
Norwich, CT 06360  
(860) 887-1450

1958

**Peter Ames Goodhue**  
Stamford Gynecology, P.C.  
70 Mill River Street  
Stamford, CT 06902  
(203) 359-3340

1959

**Jay E. Selcow**  
27 Reservoir Road  
Bloomfield, CT 06002  
(860) 243-1359  
jeselcow@comcast.net

1960

**Marvin A. Nierenberg**  
15 West 81st Street  
New York, NY 10024  
(212) 874-6484  
mnierenbergmd1@verizon.net

**Melvyn H. Wolk**  
Clinton Street  
PO. Box 772  
Waverly, PA 18471  
(570) 563-2215  
melliemar@aol.com

1961

**Wilfred L. Fortin**  
17 Chapman Street  
Nashua, NH 03060  
(603) 882-6202  
willy410@aol.com

**John Mesch** writes: “Our 50th reunion was a fine occasion — much enjoyed. Reuniting with classmates and with the College was a valued and important collection of experiences.”

1962

REUNION '12

**Ruth Andrea Seeler**  
2431 North Orchard  
Chicago, IL 60614  
(773) 472-3432  
seeler@uic.edu

1963

**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

**Gerald L. Evans** is “Looking forward to seeing everyone at our 50th Reunion!”

1964

**Anthony P. Belmont**  
211 Youngs Point Road  
Wiscasset, ME 04578  
(207) 882-6228  
apb8229@pol.net

“**Mike**” **Cheney** reports that he is “Grateful to be healthy, active and free. Staying put on the coast of Maine developing property, building roads with manly excavation equipment, enjoying physical labor. Have recent diagnosis of prostate cancer RX surveillance! Considered reentering orthopedics but CPT’s, paperwork, reaccreditation, haggard looks of physicians makes my present life the obvious choice — but do miss being a doctor. Why is it so difficult? Best regards to all.”

1965

**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

**Allan L. Gardner** is “Looking forward to revisiting campus next fall during Barbara’s 50th School of Nursing reunion. We’ve happily resettled in Massachusetts, enjoying ‘retirement’ (we’re both working part-time). Family is doing well.”

1966

**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

1967

REUNION '12

**John F. Dick II**  
P.O. Box 60  
Salisbury, VT 05769  
(802) 352-6625

**Francis Sacco** is “Still working — basically GYN only. I’m busy. My biggest accomplishment lately was to appear in the pages of *Gaff*, Florida fishing magazine (Nov–Dec issue, page 44). Will try to make reunion!”

1968

**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

1969

**Susan Pitman Lowenthal**  
200 Kennedy Drive  
Torrington, CT 06790  
(860) 597-8996  
susan\_w\_pitmanlowenthal@pfizer.com

**David A. Byrne** writes: “I retired December 31, 2010. Two weeks later, my wife, Patti, was found to have AML and died in September after eight months of chemo. My fifth grandchild was born in July.”

1970

**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

**William A. Fajman** retired from practice on December 31, 2011.

**Norm Snow** reports that he “Retired in August. Teaching anatomy part-time at Dartmouth as well as adjunct appointment in Surgery at UVM. We are at Lake Fairlee in Post Mills. Please drop in.”

1971

**Wayne E. Pasanen**  
117 Osgood Street  
North Andover, MA 01845  
(978) 681-9393  
wpasanen@lowellgeneral.org

**Edwin G. Singsen**  
439 Indian Avenue  
Portsmouth, RI 02871  
(401) 849-6482  
csingsen@cox.net

1972

REUNION '12

**F. Farrell Collins Jr.**  
205 Page Road  
Pinehurst, NC 28374  
(910) 295-2429

**Doug Pitman** writes: “The seventh Dr. Pitman will break tradition as UVM graduates and will graduate in Veterinary Medicine from Washington State in May 2012: Go Cougars and Catamounts!”

**Alan D. Covey** reports: “I retired from my family primary care internal medicine practice in October 2010 and am pursuing a long time interest now, working as an investment advisor representative at Community Investment Counselors here in Middlebury, Vt.”

1973

**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

1974

**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

**Walter H. Jacobs’s** daughter Alexandria received her law license and began practicing in November.

1975

**Ellen Andrews**  
195 Midland Road  
Pinehurst, NC 28374  
(910) 295-6464  
elland@mindspring.com

1976

**Don P. Chan**  
Cardiac Associates of New Hampshire  
Suite 103  
246 Pleasant Street  
Concord, NH 03301  
(603) 224-6070  
dpcn@aol.com

**Bob Backus** is “Continuous in Rural Family Medicine/Geriatric. Blessed with healthy kids, good humor, and industrious family — also involved with town government, on select board, town health officer and town moderator.”

1977

REUNION '12

**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

**Scott MacDonald** reports: “Starting our 25th year in Las Vegas. Where did the time go? I’m still with the largest cardiology group in Las Vegas. Donna is teaching nursing students at a local college. Still remember those happy years at UVM. River Cruise in France this summer — ooh la la!”

**Rick Wild** writes that he is “Planning to attend Reunion 2012. Have been in Atlanta for the last 10 years, where my wife, Anne, is on the medical school and infectious disease epidemiology faculty at Emory (Med School and Rollins School of Public Health). I have been in my current position with Centers for Medicare & Medicare Services in Atlanta for almost five years now. I am the Regional Chief Medical Officer for CMS for the southeast U.S. covering eight states from Key West to Northern Kentucky and all states east of the Mississippi River to the Outer Banks of N.C. Am the principal medical affairs professional liaison and medical spokesperson for the Medicare program in the southeast and get involved in all sorts of aspects of the Medicare program including participation on national policy panels, medical oversight, quality, patient safety, public health initiatives etc. Enjoying the relatively more regular hours, new intellectual and management challenges,



and frequent travel after almost 30 years of clinical emergency medicine. Would love to hear from other class of '77s. I see **Fred Shaw** regularly as he is at the CDC in Atlanta, also **Dana Flanders** who is in the same department at Emory as my wife, and occasionally **Alan Freedman** who is practicing oncology in the Atlanta suburbs.

1978

**Paul McLane Costello**  
Essex Pediatrics, Ltd.  
89 Main Street  
Essex Junction, VT 05452  
(802) 879-6556  
pmcost@aol.com

**Andy Arrison** reports: "Susie and I are loving retirement. We travel a little. Susie volunteers at Boston Children's bone marrow transplant floor."

**Anita Henderson** writes: "Bill and I remain in Blowing Rock, N.C., where I work in nearby Boone Family Practice. Bill's idiopathic dilated cardiomyopathy is stable. Our son, Stephen, and his wife, Deb, live in Providence, R.I., and had a son, William James, in November."

1979

**Sarah Ann McCarty**  
smccarty@aucmed.edu

**Dennis Plante**  
dennis.plante@vtmednet.org

1980

**Richard Nicholas Hubbell**  
80 Summit Street  
Burlington, VT 05401  
(802) 862-5551  
rich.hubbell@vtmednet.org

1981

**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

1982

REUNION '12

**Diane Rippa**  
drippa82@gmail.com

**Jamie Gagan** is: "Planning to attend Reunion 2012 — I am hoping to see many of you all in June. Especially my dissection table/core group and former roommates. Too much time has passed. If any of you are traveling to New Mexico, give me a shout out! I can't believe that I have lived this far from an ocean for 24 years, but I love it here, and love my work. Still working full time ED, recently divorced, and my 17-year old late-bloomer daughter is thinking of becoming a forensic pathologist (her idea). Fortunately, my mom moved to Florida a few years ago, so I have an easy option for a beach fix."

1983

**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

1984

**Richard C. Shumway**  
34 Coventry Lane  
Avon, CT 06001  
(860) 673-6629  
rshumway@stfranciscare.org

1985

**Vito Imbasciani**  
vito.uromd@gmail.com

**Suzy Frisch**  
sgfrisch@aol.com

**Linn Larson** reports: "Had a terrifying year of implementing EMR, achieving meaningful use, and being accredited for medical home. Hardest year since internship!"

1986

**Darrell Edward White**  
29123 Lincoln Road  
Bay Village, OH 44140  
(440) 892-4681  
darrellwhite@mac.com

1987

REUNION '12

**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

**Helen Goldsman** writes: "It was so nice to hear from our classmates and I hope that most of us will be able to attend the reunion in June. Following is the news I received for inclusion in the class column."

**Jim Howe** is in Iowa practicing Surgical Oncology and Endocrine Surgery. Jim wrote that he got together with **John Bonadies** who is a general surgeon in New Haven, and **Tom Dowhan** who is an ophthalmologist in St. Albans, this past summer up in Vermont. "Each of us has 2 kids, a boy and a girl, and it was great to get together. Everyone is well."

**Chris Swide** wrote from Portland, Oregon: "I am Vice Chair for Education and Anesthesiology Program Director in the Department of Anesthesiology and Perioperative Medicine at Oregon Health & Science University in Portland. Sharon is practicing Internal Medicine at Kaiser in Beaverton, Ore. Our oldest son, Joseph, graduated from the University of Washington in 2010 and is working in Seattle. Erin is a sophomore at Fordham University in NYC, and our son, Thomas, is a high school sophomore. We live in SW Portland and would welcome any classmates visiting the exciting Pacific Northwest!"

Also on the west coast, **Mike Cunningham** (who picked up a Ph.D.) will not be able to come to the reunion due to his daughter's college graduation, but sent the following update: "We will have lived in Seattle for 24 years as of this summer. Very happily married to Lorraine and live north of Seattle in a town named Mukilteo. We are now empty nesters. Aaron is now in Graduate School for advertising design at UT Austin. Kate will graduate this spring with a BA in psychology — and then off to grad school for clinical child psych. And Sean (19) —

going to community college while trying to get in the Berklee School of Music in Boston. Lorraine recently became a guardian ad lidem for the county foster care program and loves it! I continue to work in craniofacial medicine. The past several years has been fun; I developed a new division in our pediatric department "Craniofacial Medicine". I continue to serve as the medical director of the Seattle Children's Craniofacial Center, working to advance interdisciplinary care and research."

**Susan Kaufmann** is also in Washington state and wrote: "I am practicing Family Medicine outside Seattle. I work for Group Health Cooperative, which was touted as the ideal health delivery system for the United States. Of course it's not, but it does remain as a highly innovative health care organization. Since the end of residency I have not worked anywhere else. Retirement is definitely not in the near future. I am divorced with two wonderful teenagers, Robert, 16, and Dana, 13. I am in weekly contact with **Denise Soucy**, who is doing well as a part time family practice doc in Maine. The amount and range of medical pathology she sees in her little neck of the woods is incredible!"

From **Craig Hawkins**: "I am married and father of two great kids, ages 16 and 14. We are just beginning the college circuits. Following residency at Yale and a fellowship in urologic oncology at the Mayo Clinic I dropped out of academics for 12 years and settled into an idyllic part of the world to start my family (Rockport, Maine). I got the yearning for tertiary medicine back and relocated to Yarmouth, Maine, am now practicing at Maine Medical Center — though we still have the farmhouse with an ocean view as an escape from "the big city". I joined other UVM alumni — **Sam Broaddus**, **Brian Jumper**, **Tom Kinkead**, and **Lisa Tran (Beaule)** in private practice at Maine Medical Center in 2006. We then started a residency program in urology, were acquired by the hospital, now have nine partners, and are transforming into a complete academic practice. I work along side **Mylan Cohen**, **Jeff Rosenblatt**, and **Ann Skelton** and care for mutual patients of **Denise Soucy**, **Dan Friedland**, and **Allan Teel**. I have been invovled with bladder cancer outcomes research (National Community Cancer Center Program grant and a consultant to NIH study group on bladder cancer

Continuing Medical Education  
2012 Conference Schedule

**Women's Health**  
May 9–11  
Burlington, Vt.

**Family Medicine Review**  
June 5–8  
Burlington, Vt.

**Vermont Pediatric Seminar**  
June 14–17  
Manchester, Vt.

**Imaging Seminar**  
September 28–30  
Stowe, Vt.

**Breast Cancer Conference**  
October 5  
Burlington, Vt.

**Critical Care Conference**  
October 17–20  
Essex, Vt.

**Advanced Dermatology**  
October 18–21  
Burlington, Vt.

**Northern NE Neurological Society**  
October 26–27  
North Conway, N.H.

**Neurology for the Non-Neurologist**  
October 26  
North Conway, N.H.

FOR INFORMATION CONTACT:

**University of Vermont**  
Continuing Medical Education  
128 Lakeside Avenue Suite 100  
Burlington, VT 05405  
(802) 656-2292  
<http://cme.uvm.edu>

in New England). Most recently I have joined the admissions committee for Tufts Medical School as Maine Medical Center has formed a partnership with Tufts where the students do the first two years of basic science in Boston then complete their clinical training at Maine Medical Center. This is refreshing and brings back many happy memories of medical school at UVM. Look forward to seeing you and many others in June."

**Kathy Bourgoin** reports that: "I am a family physician in Bangor, Maine. I am also the CME Director for the hospital, Eastern Maine Medical Center. I was on the Family Medicine Residency Faculty for 15 years. Now I am doing outpatient care, including prenatal care and procedures. I have a 14 year-old daughter, Holly, who enjoys basketball, field hockey, track and violin. My 19 year-old, Julianne, is at Colby College, studying Psychology and English. She also pole vaults for the Colby Track Team. Dave is a Research Engineer and Instructor at the University of Maine in the Chemistry department."

**Denise Soucy**: "I am practicing part time in my own practice with two other docs and four PAs; we started this practice eight years ago after becoming disillusioned with how the local hospital was trying to run our practice. It's a struggle to stay alive financially but very

rewarding in terms of the relationships and flexibility we get. I'm equally busy raising the two boys (Abe is 14, in eighth grade, Lucas is 9, in fourth grade) and doing the usual after school schlepping about to various lessons thing. They are wonderful boys and we feel quite blessed. My husband Ned's business is keeping him happy and extraordinarily busy in designing all sorts of things for the music industry. I'm really sad not to get to reunion due to Abe's graduation this spring. I'll look forward to reading as much fun detail of other's lives as I can get!"

**Mylan Cohen** is another classmate in Maine. Mylan, wife Maya, and son Mitch continue to enjoy life in Cape Elizabeth, not far from Portland Head Light. Mylan is practicing cardiology with '87 classmate, **Jeffrey Rosenblatt**. They anticipate following the national trend in cardiology and integrating with Maine Medical Center at the end of the January. Mylan continues in his role as Director of Noninvasive Cardiology at Maine Medical Center. While engaged in clinical trials, he's been collaborating with a pulmonologist on stress echocardiography in patients with pulmonary hypertension. Mylan was privileged to serve as the President of the American Society of Nuclear Cardiology in 2010 and continues on the Executive Council as Past President in 2012. In their spare



time, Mylan and Maya enjoy cruising the Coast of Maine in their J109, “Arion’s Ride”, leaning into the twisties on their motorcycles, and skiing in the winter.

**Jeff Rosenblatt** sent a quick update: “Deb and I (still together 32 years!) live in Gorham, Maine. I have been with Maine Cardiology 16 years. I am the Director of Nuclear Cardiology. My daughters are both in college at Cornell University and SUNY Purchase College of Art and Design. Look forward to seeing you!”

**Betty Keller** is still in Vermont. After Betty finished her Family Practice residency at the University of Utah, she worked on the faculty there for a year helping develop the curriculum and the rural sites for a newly required FP clerkship. She then practiced in St. Johnsbury for two years and in an HMO in Essex Junction for a year, during which time she also had two more children. She decided to stay at home until the kids were older, and gradually increased her volunteer work. For the past three years she has been very busy promoting real health care reform, advocating for a publicly funded, universal healthcare system. She has been learning to use Final Cut movie editing to produce public access TV shows to educate the public. If you “friend” her on Facebook, you can find links to see the shows. Her husband of 31 years, Jonathan Lynch, continues to work for Northern Power Systems, formerly of Waitsfield but now in Barre, where he is Chief Technology Officer. Their oldest son, Peter, graduated from Tufts University and is an aspiring writer who has just relocated to California. Their son Sam just started at UVM as an undergraduate, and their youngest, Sarah, is a junior at St. Johnsbury Academy.

**Rob Duncan** wrote: “I was happily working at the Vermont State Hospital for 8+ years until it was flooded by Tropical Storm Irene. I have agreed to work at Washington County Mental Health, starting March 1, 2012; I have remarried (Tracy Loysen) since I finished my residency (also at FAHC). My twins are now 25 and I have a soon-to-be 5-year-old boy (Isak), who we adopted from Kazakhstan shortly after he turned 1. We are living in East Montpelier in a house with a two-hundred year old frame that is like having a third full time job (work, family, house) but most satisfying. I have not been able to be as physically active as I want to be, but did manage to

compete (and place third) in the ACA Whitewater Nationals in about 1995, and have taken up snowboarding. I have had some contact with two or three of fellow UVM grads, but my work has not provided the forum for interacting with most of my fellow grads. I hope people are well.”

I think **Carol Armatis** wrote this letter from Maine somewhere: “As of July 2012, I will be practicing for 44 years in healthcare.... 25 as an M.D. and the remaining as a Nurse. Whew! Occupied with breeding bees and miniature Schnauzers and have two flower nurseries. Did do healthcare consultation for hospitals in the area, but too time consuming.”

**Alison Wondriska** is in Massachusetts, and wrote: “I am in the same practice in which I started out of residency, though the type and name of the practice itself has changed over the past 20 years. These days it is called Riverbend Medical Group, a multispecialty practice in western Massachusetts where I am the chief of pediatrics, seeing kids birth through age 21, and (amazingly) still involved in the clinical aspect and finding administration to be a challenge. I also teach, with appointments at Tufts and UMass medical schools — in the past residents, now medical students. Walt died a few years back, so I’ve been raising the kids on my own — now ages 16 and 14 years. Medicine is nothing compared to parenting, as I’m sure many know!”

**Barbara Weber** is a hospital based primary care physician working in an underserved area clinic in Rochester, NY supervising internal medicine residents.

**Michelle Mokrzycki** is living in Manhattan and is a Professor of Medicine at the Albert Einstein College of Medicine/Nephrologist at Montefiore Medical Center in the Bronx. Michelle wrote: “While on faculty at AECOM, I obtained a Masters degree in clinical research and the area of focus has been on vascular access in hemodialysis. I love working with the fellows/residents/med students!”

**Susan Coffin** wrote that she is looking forward to the reunion, “I’m the mother of teens (two girls, ages 15 and 18) which has been much more fun and interesting than stressful and alarming (as I had been led to believe it would be). I’m at Children’s Hospital of Philly where I

do ID and oversee the infection control program. I get to mix research, clinical and administrative work which suits me very well.”

Further away, **Larry Wardzala** is in Tuscon, Arizona. Larry writes: “I’m living the retired life with my life partner, JP, of almost 22 years along with two amazing rescue beagles, Snoopy and Duchess. Life is good. After about ten years with my solo practice in Fort Lauderdale, Fla. that focused on HIV/AIDS Primary Care, I made the difficult decision to stop practicing and retire. The practice was intense and took a toll on me. Providing care to my patients in the manner I was trained was being determined more by insurance companies and the battle was tiring. Hurricanes back in 2004 were overwhelming, since JP owned a small hotel on the beach and he sensed more was yet to come so we moved to the Sonoran Desert and chose Tucson as a new home. In spite of some of the bad reputation Arizona has we enjoy it here and plan on staying here. I do some reviewing of grant proposals for a non-profit Foundation, The Campbell Foundation, that provides funding to researchers in the HIV/AIDS field. We won’t be able to make it to the 25th reunion (I really feel old now), as we will be getting ready for one of our regular trips to stay in Mykonos, Greece so we can enjoy the Sea, which we do miss. If anyone is ever visiting Tucson just drop me a note and I can be your guide during your stay. Enjoy the reunion!”

**Michael Kaplan** sent an email: “I live in Central Connecticut with lovely wife and five beautiful children. In private practice specializing in knee and shoulder surgery. Clinical position at Yale University Department of Orthopaedics, working with residents and share two fellows. Function as senior medical analyst for ESPN last eight years to present. Very grateful for wonderful training and friendships made during nine years at UVM. “

**Dave Hamer** wrote from Zambia: “After completing ID fellowship at Tufts-New England Medical Center, I was a faculty member there from 1994–2004. While there I ran the Traveler’s Health Service and developed expertise in travel and tropical medicine. In 2004 I moved to the Department of International Health at the Boston University School of Public Health (BUSPH). Until last August, I



Five years ago, these members of the Class of 1987 gathered for their class dinner on the Burlington waterfront during Reunion 2007. Many more members of the now 25th Reunion class will be on campus June 8–10.

have been teaching at BUSPH and the BU School of Medicine, running the Boston Medical Center Travel Clinic, doing a weekly outpatient HIV clinic, and running policy-relevant implementation research on malaria, pneumonia, and nutrition in children, neonates, and pregnant women in resource-poor countries. I have had the great fortune to be able to work in nearly 20 different countries with excellent collaborators in Africa, Asia, and Latin America during the last 16 years. In August I moved to Lusaka, Zambia with my family to help further develop the Boston University country program here (which is called the Zambia Centre for Applied Health Research and Development). My younger son, Deric, now 16, is attending the American International School of Lusaka while my older son, Cyrus, age 18, is at Lawrence Academy and is in the midst of college applications. Thus far life in Zambia has been great although I am looking forward to having my family intact.”

From **David Zuckerberg**: “I have been in practice since finishing Internal Medicine residency at Lenox Hill Hospital in NYC followed by Emergency

Medicine residency at Long Island Jewish Medical Center. For the first 10 years after completing training, I worked at Westchester Medical Center, in the emergency department with a teaching affiliation with NY Medical College’s EM residency program based at Metropolitan Hospital and have settled in to a community hospital emergency department in Northern Westchester County about an hour north of NYC. I have a great family; I met my future wife a few months after graduating from UVM and Elisa and I have two kids, 16 year old Julia, and 13 year old, Gabe. Every few years I see **Bob Wolff**, usually at his folk’s cottage in Cape Cod.

**Ted Kutcher** is in Newport, Rhode Island: “I am married to Alison Kutcher...we recently celebrated our 16th elopement anniversary. I have two children. Jake is 11. Lily is 9. I am chief of MRI and Women’s imaging at Newport Hospital. I feel lucky to practice on my home turf. It was always hard for me to be far from my beloved ocean, and now I get to see it everyday.”

From **Bob Glassberg**: “After UVM I did radiology training, residency at Hartford

Hospital and fellowship at Yale-New Haven Hospital. My first and only practice has been with Atlantic Medical Imaging in southern N.J., where I’ve lived (in Linwood) for 19 years. AMI has 41 radiologists and 350 employees, nine outpatient offices and four hospital departments. First 13 years were spent doing clinical work; but since then I’ve transitioned into a second career in business/administration by serving as our President/CEO. My wife Lisa and I have two happy (sometimes), healthy daughters named Shayna & Lily, aged 16 and 14.”

**J. Mick Jaeger** is “Still living and working in Charlottesville, Va., at the University of Virginia. After anesthesiology residency at the University of Florida and a 6-month stint with the U.S. Navy during Desert Storm, Judy, Lauren (now 28) and Audrey (now 25) and I moved to Virginia and my job at UVA in 1991. I remained very active with the U.S. Navy Reserve while still teaching at the university and was rewarded with several deployments to Iraq with my Naval Special Warfare helicopter squadron. I spent two years in-country in some of the most inhospitable places I have ever lived from 2003 through much



of 2005. Needless to say it changed my outlook on life some and after returning home and to the OR for two years, I decided to undergo fellowship training in critical care medicine. I now split my time as Medical Director of the Cardiothoracic Surgical ICU and as one of the cardiothoracic anesthesiologists at UVA. Judy stays busy volunteering her skills in data management and database development for many local area non-profit organizations. I recently retired from 20 years with the Navy but am getting involved with one of the International Medical Surgical Response Teams (South); a part of the National Disaster Medical Service. We will see where this leads. Best of luck to you all and I hope to see you at the reunion in June.”

**Tom Montagne:** “After practicing in Binghamton, N.Y., for six years I returned for an additional year of training and moved to Spartanburg, S.C. in 1999. I practice gastroenterology and most days love what I’m doing. Leslie, my wife, and I have been married for 32 years. We have two daughters: 23 year old, Jackie, who is a graduate student at Stanford. She plans to marry in late June. My younger daughter, Jamie, is 13 and a 7th grader and an avid tennis player. Practicing in the South is different. The area has epidemic levels of obesity, diabetes and high levels of cirrhosis and Hepatitis C and alcohol abuse. Southerners’ passions run toward politics and religion. As I am a liberal Democrat and a Catholic it makes for some lively discussions.”

From **Sue Kim-Foley:** “I am practicing family practice in Chesapeake, Va., in a multispecialty group. I have been with this group now for more than ten years. **Chris Foley** (class of ’88) and I recently celebrated our 25th anniversary. He is the division chief of the PICU at the local Children’s Hospital. Our children are Caitlin (20) who is a junior at Dartmouth; my son is 18, and will hear from colleges in a few months; our youngest daughter is 12. We are doing fine, just getting older and hopefully wiser.”

And my own (**Helene Goldsman** writing now) little bio: “I live in eastern Virginia with my husband Walt Deskins (he is an accountant), my three children, and an oversized dog. I did Internal Medicine Residency at the Medical College of Virginia, in Richmond, met my husband, and practiced Internal Medicine for about

nine years. For the last 12 years, I have worked part time doing evaluations for Sleep Disorders (no nights/call/beeper/emergencies) so I can get home at 2 p.m. to chauffeur and take care of my three teenagers: my daughter Leah is 17 and off to William and Mary next year; my boys Daniel and Jonathan are 16 and 15. Thank you to everyone who wrote me. If you did not receive emails from me asking for submissions to our column, it means the Alumni Office does not have your email address (or that I transcribed it incorrectly). Please send your email address to Cristin.Gildea@uvm.edu or call her at (802) 656-0803 so we can all be in touch prior to the reunion date.

I would like to end the column with thanks to one of our classmates, **Dave Zuckerberg**, who was present for an event some have called the Pearl Harbor of our generation.

Dave practices in the northern part of Westchester County, N.Y.: “I am the medical director of the Lewisboro Volunteer Ambulance Corps. I was with a wave of responders to 9/11. After the towers fell, a call went out to volunteer corps all over the tri-state area for corps to send a crew and ambulance down to NYC. I went with four EMTs. We were first directed over to the old Shea Stadium and then led on a procession of at least a hundred different ambulances from all over the Northeast to the Javits Convention Center on the West Side of Manhattan. All of the ambulances were lined up along 11th Avenue, people were alternatively silent or cheered for us as we drove down the street. When someone in NYC EMS command found out that there was an emergency medicine doctor on our ambulance, they sent us down to ground zero. I will never be able to describe what the scene looked like with any justice, but it made me think of the scene in “Apocalypse, Now” where the soldiers are in the midst of a firefight and no one knows who is in command amidst the chaos. It was noisy, smoky, and crowded with people who didn’t really know what to do. Except for a few survivors dug out in the early hours after the disaster, there was no one to rescue except for the rescuers. We transported an EMT who had a seizure (forgot his medication amidst the crisis) to Bellevue and a few firemen with minor burns to St. Vincent’s.”

Thanks, Dave.

## 1988

**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  
larry@correctioncare.com

**Mark Hoskin** is “Continuing to teach and work at UVM/Fletcher Allen on inpatient psychiatry. I still find myself enjoying my job and appreciating the opportunity to work daily with UVM Med Students and FAHC Psychiatry residents.”

## 1989

**Peter M. Nalin**  
13216 Griffin Run  
Carmel, IN 46033  
(317) 962-6656  
pnalin@mac.com

## 1990

**Barbara Angelika Dill**  
120 Hazel Court  
Norwood, NJ 07648  
(201) 767-7778  
dillsmiths@optonline.net

## 1991

**John Dewey**  
15 Eagle Street  
Cooperstown, NY 13326  
johndewman@hotmail.com

## 1992

**Mark Eliot Pasanen**  
1234 Spear Street  
South Burlington, VT 05403  
(802) 865-3281  
mark.pasanen@vtmednet.org

## 1993

**Joanne Taplin Romeyn**  
22 Patterson Lane  
Durham, CT 06422  
(860) 349-6941

**Brad Watson**  
rbradwatson@yahoo.com

**Barbara Kyoko Ariue** reports: “After a healthy pregnancy and delivery, had a boy, Luke, born March 31, 2011.”

## 1994

**Holliday Kane Rayfield**  
P.O. Box 819  
Waitsfield, VT 05673  
(802) 496-5667  
rayfieldvt@yahoo.com

## 1995

**Allyson Miller Bolduc**  
252 Autumn Hill Road  
South Burlington, VT 05403  
(802) 863-4902  
allyson.bolduc@vtmednet.org

## 1996

**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

**Janna Doherty** writes: “Still in Santa Cruz, California, where my practice has grown to include five OB-GYNS and three midwives. Our family is growing too, with twins Kate and Gavin (2 ½ years old). My partner Naomi and I are tired but doing great. Would love to hear from classmates.”

## 1997

**Julie Smail**  
390 Bridge St.  
South Hamilton, MA 01982  
(978) 468-1943  
chinook41@hotmail.com

**Steven Ryder** was named Chief Financial Officer of MRJ Investments, a hedge fund focusing on healthcare mid cap value equities.

## 1998

**Halleh Akbarnia**  
2011 Prairie Street  
Glenview, IL 60025  
(847) 998-0507  
hakbarnia@gmail.com

## 1999

**Everett Jonathan Lamm**  
11 Autumn Lane  
Stratham, NH 03885  
(603) 580-2666  
ejlamm6@gap.net

**Deanne Dixon Haag**  
4215 Pond Road  
Sheldon, VT 05483  
(802) 524-7528

## 2000

**Jay Edmond Allard**  
USNH Yokosuka  
PSC 475 Box 1757  
FPO, 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

**Jay E. Allard** writes: “I continue to practice at Naval Medical Center Portsmouth as a Gynecologic Oncologist and am happily married to my wife, Abby. Our three children are keeping us busy! Missing Vermont and all my classmates.”

## 2001

**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  
joelkeen@hotmail.com

**JoAn Louise Monaco**  
1034 Fifth Avenue  
New York, NY 10028  
(212) 988-7788  
joanlmonaco@aol.com

Class agent **JoAn Monaco** sends this gathering of information from many members of her class:

**Matt Heeren** and **Kristen Muir** are having a great time in Davis, California. They are celebrating seventeen years of marriage and their kids are growing fast. Ben is 14, Bella is 10 and Ethan is 8. Matt is part of a growing primary care practice in Solano, California near wine country, where he is the senior pediatrician of the group. He has earned bragging rights to a four-day work week without call or hospital coverage.

**Jennifer Oles-Dugre** and her husband Rob are located in Hampden, Mass., and keep busy chasing their beautiful 17-month-old twins, Madeleine and Isabel. Jennifer works part-time in a nearby multi-specialty medical practice.

**Sasha Loffredo** and her husband, Steve, have just completed a large year-long restoration of an old stone house in San Antonio, Texas and are finally able to kick their boots up and enjoy the place! Lulu is now in fifth grade and knows one thing for sure “I don’t want to be a doctor!” Steve is still flying the friendly skies. Sasha is on faculty at the med school and is involved in the residency program. She also finds the time to direct a first year med school course.

**Emily June Ryan** and her husband Tim are starting the brain-washing a little early on their 8-year-old daughter, June, who fell in love with their recent family RV vacation to Oklahoma, Texas and Colorado and is ready to move to Colorado. Emily and Tim are fine with that idea, right after June graduates from the Air Force with her M.D.! Emily has a busy family practice in Venice, Florida. She, Tim, and June are doing well.

**Jenny Majersik** was recently named chief of the Division of Vascular Neurology at the University of Utah, where she continues to see clinical patients and study the genetic epidemiology of stroke. Loren is happily designing Cadillacs remotely for GM from their basement. Their oldest boy, Max (6), recently started kindergarten while their son Emmett (4) cheerfully plays trains every moment he can.

**Liz McGowan** has been working for the past five years in Boston at Tufts Medical Center in neonatology and loves it. She is the director of the NICU Follow Up Program which is involved in long term developmental outcome clinical trials as well as serving NICU graduates and families. Liz, Andy, Lara (5), and Eve (4) live in Providence, R.I.

**Kinjal Sethuraman** is now at the University of Maryland Department of Emergency Medicine. She also practices undersea and hyperbaric medicine at Maryland Shock Trauma.

**Steve Simensky** is the Director of the Ohio Health Sport Concussion Program, which is the largest program in Central Ohio. This program covers two pro teams, several colleges and close to 30 high schools. Julie is a neuropsychologist working on the inpatient traumatic brain injury floor at Ohio State University Rehabilitation Center. Their daughter Elyse is in 4th grade and was the troop leader of all the little ones at our reunion in June...absolutely adorable.



**Trimble Auger** and her husband are living in Boston with their three wild and crazy kids. Trimble is happily working as a hospitalist/nocturnist at Brigham and Women's Hospital.

**Tae Song** is now 2.5 years into his practice at Kaiser Permanente in Harbor City, Calif. He and Eileen spent the summer getting settled into their new home and are still extremely busy with their five kids.

**Bill Meikrantz** lives in Boston and is part of a pediatrics practice in Cambridge. His free time is devoted to music, art and travel with Paris being his most favorite city.

**Amy Giantris Molten** lives in Carlisle, Mass., with her husband and two gorgeous kids who had a great time at our reunion. Amy works as a pediatric hospitalist and hasn't aged a day since medical school!

**Joe** and **Michelle Cassara** have settled into life in Colorado pretty well over the past four years. Michelle is an endocrinologist on Denver's west side and is also the medical director for a diabetes education center. Joe is doing GI with Kaiser. Olivia is 8 going on 30 and in third grade. Jason is 5 and is enjoying kindergarten.

**Adam** and **Jodi Kanter** came to our reunion without their five beautiful kids and enjoyed the time away. Adam works at the University of Pittsburgh Medical Center as a neurosurgeon and spine specialist and I believe minimally invasive expert. Jodi is also doing well and being the mother of five has kept her busy but unphased...she finds the time to stay in great shape and would put Jillian Michaels to shame.

**Sarah Barnett** lives outside of Boston and is a pediatrician at LADDERS/Mass General. **Kelley Saia** and **Mazda Jalali** are also both affiliated with Mass General and have two beautiful girls. Kelley works as an OB/GYN and Mazda is doing pediatrics.

**Ted Daly** and his wife Maria came to our reunion with their two handsome boys. They are located in Amherst, N.H., where Ted works as a staff radiologist at the VA Hospital.

**Gretchen Gaida Michaels** relocated back to Vermont last year and now lives in Lincoln with her husband and works at Porter Medical Center.

**Lydia Grondin** is married with two little boys and is still on staff at UVM/Fletcher Allen in the Department of Anesthesiology.

**Anne Koch** and her husband came to our reunion from sunny LA with huge smiles of expectant parenthood. Their son, Mateo, has since arrived and is a handsome little guy who keeps them grinning from ear to ear. Anne is practicing anesthesia in LA.

**Paul Jones** lives in Washington, DC and is in practice in pediatric psychiatry.

**Tim Dominick** is coming up on six years with UVM/Fletcher Allen anesthesiology. Tim and Janine are enjoying life in Vermont despite this being the worst ski season that they can remember due to a lack of snow! Janine is employed with a small pharmaceutical consulting firm out of Bethesda, Maryland that allows her to telecommute.

**Marc Nespoli** continues his academic life at Yale where he has decided to go back to the training grindstone. Marc is currently doing a psychiatric geriatric fellowship.

**Megan Cadwallader Gump** lives in Conway, Mass., with Jay and Leah (6). Megan is in her eighth year of practice at Valley Medical Group in Greenfield. The Gump family spends their off time sugaring in the spring and biking in the hills of Western Mass.

**Ladan Farhoomand** is enjoying her busy anesthesia group in beautiful San Diego and is finding the time to become certified for Operation Smile. She will start mission work next summer and spends free time travelling the globe.

**Jason Dimmig** sent an email from Arba Minch, Ethiopia where he is working with the Himalayan Cataract Project helping with a skills transfer cataract camp. The group performed 300 cataract surgeries in their 5 days in Arba Minch and are proctoring the local surgeons on glaucoma and corneal surgery. At home, Jason's life is action-packed with a busy cataract/glaucoma focused practice. He makes plenty of time to spend with his son, Bodie, who is 4 and his daughter, Sela, who is adopted from Ethiopia. Sela was adopted by Christy and Jason one year ago and is now 2 years old.

**Shaw Henderson** sends his greetings from Asheville, N.C. After leaving Vermont and heading to Seattle for an anesthesia residency, he then switched gears and headed to Utah for an internal medicine residency and pulmonary/critical care medicine fellowship. He is now located in Asheville where he currently works in a large single specialty pulmonary/critical care medicine group of 14 M.Ds. His wife is also a physician, Colette Stern. Shaw and Colette have had two little ones, Ashton (4) and Beckham (1). At the time of his email, Shaw had just returned from a Cat ski trip in Canada with **Rob Jensen**, **Leslie Cohen** and **Greg McCormick**.

**Monique Tello**, her husband, Bob, and son Gio welcomed their latest family member, Maria Graciela Socci on Dec 22, 2011. Monique is a part-time primary care doc with a women's-only practice at Mass General. She also blogs at [www.generallymedicine.com](http://www.generallymedicine.com) and [www.mothersinmedicine.com](http://www.mothersinmedicine.com) (as GenMedMom). Bob is a sports broadcaster for TV, radio and print media.

**Shaun R. Miller** is finishing a cardiology fellowship at Brooke Army Medical Center, Fort Sam Houston, Texas in 2012. He was deployed to Afghanistan in Support of Operation Enduring Freedom in 2009 and was promoted to Major in the U.S. Army in 2011.

**Karine Ekmekji Mouradian** keeps exceptionally busy with her pediatrics practice in Los Angeles and her two handsome boys, Alek and Ayk. Alek and Ayk are concert violinists who started at an exceptionally young age...truly amazing!

As for myself, **JoAn Monaco**, life has been busy in NYC. My husband, Mike, has a busy practice at the Cancer Institute of New Jersey where he is the Director of Bladder and Testes Cancer. Our daughter, Caroline, is three and keeps us running in circles when she's not in school. We have a big renovation that's ongoing in our apartment on the Upper East Side and I have a busy plastic surgery practice. I have also recently been appointed Program Director of the Aesthetic Fellowship at Manhattan Eye, Ear and Throat Hospital of Lenox Hill Hospital....didn't run into Beyonce and Jay-Z, though, after their recent delivery! I wish everyone the very best in 2012 and please keep the updates rolling in.

## 2002

### REUNION '12

**Jonathan Vinh Mai**  
15 Meadow Lane  
Danville, PA 17821  
(570) 275-4681  
[jonathan.mai@wellmont.org](mailto:jonathan.mai@wellmont.org)

**Kerry Lee Landry**  
(919) 732-9876  
[klandry@developingmindsnc.com](mailto:klandry@developingmindsnc.com)

**Mary O'Leary Ready**  
[readcamp@gmail.com](mailto:readcamp@gmail.com)

**Maureen C. Sarle**  
[maureensarle@yahoo.com](mailto:maureensarle@yahoo.com)

**Christine Staats** writes: "Great to see old friends last year!"

## 2003

**Omar Khan**  
33 Clearwater Circle  
Shelburne, VT 05482  
(802) 985-1131  
[omar.khan@vtmednet.org](mailto:omar.khan@vtmednet.org)

**Scott Goodrich**  
309 Barben Avenue  
Watertown, NY 13601  
[scott.goodrich1@yahoo.com](mailto:scott.goodrich1@yahoo.com)

## 2004

**Jillian S. Sullivan**  
[jilliangeider@hotmail.com](mailto:jilliangeider@hotmail.com)

**Steven D. Lefebvre**  
[fabulous5lefebvre@hotmail.com](mailto:fabulous5lefebvre@hotmail.com)

## 2005

**Julie A. Alosi**  
[julie.alosi@vtmednet.org](mailto:julie.alosi@vtmednet.org)

**Richard J. Parent**  
[richparent@gmail.com](mailto:richparent@gmail.com)

**J. Dana Dunleavy** has "Completed Interventional Radiology Fellowship at Johns Hopkins Hospital in June, 2011. Currently an Interventional Radiologist with Associated Radiologists of the Finger Lakes."

## 2006

**William C. Eward**  
101 Wood Valley Corner  
Durham, NC 27713  
[eward002@mc.duke.edu](mailto:eward002@mc.duke.edu)

**Deborah Rabinowitz Abrams**  
58 Chelsea Place  
Williston, VT 05495  
[Deborah.rabinowitzabrams@gmail.com](mailto:Deborah.rabinowitzabrams@gmail.com)



Rebecca Brakeley, M.D.'09 sent this photograph of herself posing with several young patients during her recent two-week stint in the Dominican Republic (see her class note below).

## 2007

### REUNION '12

**Allison Collen**  
[acollen15@gmail.com](mailto:acollen15@gmail.com)

**Scot Millay**  
[Scot.Millay@bhs.org](mailto:Scot.Millay@bhs.org)

## 2008

**Mark Hunter**  
21 Lindenwood Drive  
South Burlington, VT 05403  
[Mark.hunter@mac.com](mailto:Mark.hunter@mac.com)

**Alyssa Wittenberg**  
7649 Briarcrest Lane  
Orange, CA 92869  
[alyssa.wittenberg@gmail.com](mailto:alyssa.wittenberg@gmail.com)

**Ashley Zucker**  
2209 Albany Street  
Durham, NC 27705  
[arzucker@uvm.edu](mailto:arzucker@uvm.edu)

## 2009

**Rebecca Brakeley**  
[rebeccabrakeley@gmail.com](mailto:rebeccabrakeley@gmail.com)

**Kate Murray Mitchell**  
[Kathleenwmurray@yahoo.com](mailto:Kathleenwmurray@yahoo.com)

**Campbell Stewart**  
[campbell.stewart@uvm.edu](mailto:campbell.stewart@uvm.edu)

**Becca Brakeley** reports from Portland, Maine that she has just returned from a two week medical mission in the Dominican Republic; an amazing experience hiking into villages with no health care, minimal everything but huge hearts and warm smiles. Now in her third year as a pediatric resident she is looking forward to what her career will hold after she is done in June. In the meantime she is raising funds for the local Portland Y by participating in their annual "Fittest Woman/Fittest Man Fundraiser."

## 2010

**Michael Alavian**  
[michael\\_alavian@yahoo.com](mailto:michael_alavian@yahoo.com)

**Pei Chen**  
[justpei8448@gmail.com](mailto:justpei8448@gmail.com)

**Heidi Schumacher**  
[heidi.schumacher@gmail.com](mailto:heidi.schumacher@gmail.com)

## 2011

**Carrie Moats**  
[caroline.moats@gmail.com](mailto:caroline.moats@gmail.com)

**Nicholas Aunchman**  
[Nicholas.aunchman@gmail.com](mailto:Nicholas.aunchman@gmail.com)



# Obituaries

## John E. Crisp, M.D.'57

Dr. Crisp died December 2, 2011, at the Lahey Clinic in Burlington, Mass., after a brief illness. The son of a doctor, he was born in Rochester, Minnesota, in 1931. He graduated from Dartmouth College in 1953 before earning his medical degree from the College of Medicine. After graduation, Dr. Crisp began a medical career that spanned more than 50 years with his internship and surgical residency at Roosevelt Hospital in New York City. During his last year at Roosevelt he studied under Dr. William Littner in the specialty of hand surgery. He was chief resident before returning to Nashua, N.H., in 1962 to join his father and brother in their family practice, Crisp Medical Professional Association. Along with his father and brother, he was instrumental in establishing the trauma center at St. Joseph Hospital in Nashua. He served as Medical Director of the Trauma Center until his retirement. During his career Dr. Crisp was president of the Board of Directors of St. Joseph Hospital from 1976 to 1980; Chief of Surgery from 1985–1991; he served as

president of the New Hampshire Medical Society and Hillsborough County Medical Society. He was a member of the American College of Surgeons. He also served on the Board of Trustees of the Nutt Hospital Association. In 1992 he joined a team of physicians at Health Stop in Nashua, where he treated patients for the next two decades.

## Barbara Brunet Hamdan, M.D.'58

Dr. Hamdan died unexpectedly on Oct. 27, 2011, at the St. Francis Hospital in Trenton, N.J. She was 79 years old. Born in North Adams, Mass., she received her undergraduate degree at Our Lady of the Elms College in Springfield, Mass., and went on to earn her medical degree at UVM. At UVM she became engaged to, and later married, Hussein M. Hamdan. They moved to Princeton, N.J., in 1958, and Dr. Hamdan completed her medical internship at St. Francis Hospital in Trenton, N.J., and her residency at the New Jersey Neuropsychiatric Institute in Skillman. Afterward, the Hamdams began their own successful practice in holistic and clinical nutrition, becoming board-

certified in integrative medicine. She practiced medicine and helped thousands of people during her more than 50 years as a physician.

## John Robinson, M.D.'45

Dr. Robinson died August 31, 2011, at Hartford Hospital in Connecticut. He was born in Springfield, Mass., in 1921. After graduation from the College of Medicine, he served with the U.S. Army during World War II. Later in life he was a member of the U.S. Power Squadron. Dr. Robinson served as vice president and chief medical director at the Travelers Insurance Company in Hartford for more than 30 years.

## Anthony F. Wasilkowski, M.D.'67

Dr. Wasilkowski died on December 22, 2011, at age 71. Born in Burlington, Vt., he graduated from the University of Vermont and received his medical degree in 1967. He completed his internship at Upstate Medical Center at Syracuse, was then a resident in radiology at Albany Medical Center, Maine Medical Center, and Boston Children's Hospital. He proudly served his country as a lieutenant commander in the U.S. Navy during the Vietnam era. As a radiologist, he worked at WCA Hospital and Jamestown General Hospital in Jamestown, N.Y. After moving to New York's Capital District, he worked at Amsterdam Memorial, Nathan Littauer, and Bellevue Woman's Hospital. He most enjoyed his private practice in Troy, N.Y., which gave him the opportunity to care for his patients on a personal level. Dr. Wasilkowski loved dancing, golfing, boating, sailing, and shooting. He was proud of his Polish heritage and always listened to the "Polka Hour" every Sunday. He was an avid skier, a licensed pilot and enjoyed his time as captain of a Lake Champlain Ferry. He had an affinity for fast cars and especially loved his 1968 Corvette with which he won first place at the Okemo Mountain Hill Climb. He was an enthusiastic traveler with a full throttle style who never missed a landmark or attraction.

*We also note the passing of Richard Narkewicz, M.D.'60 on February 21, 2012. A full obituary will appear in the next issue.*



At left, John H. Davis, M.D., then Chair of the Department of Surgery, accepts the 1979 Surgeons Award for Distinguished Service to Safety from the American College of Surgeons; below, Dr. Davis in 2007 in front of the auditorium on the academic medical center campus that bears his name. With him are his late wife, Peg Davis, and (left to right) colleagues Richard Wait, M.D.'78, James Hebert, M.D.'77, and H. Gordon Paige, M.D.'45.



## F A C U L T Y I N M E M O R I A M

## John H. Davis, M.D., 1924–2012

Dr. Davis, Professor of Surgery Emeritus and the former Chair of the Department of Surgery for more than two decades, died on Jan. 19, 2012, in Burlington, Vt.

He was born in Coraopolis, Pa. on May 11, 1924, and attended Allegheny College and Western Reserve University School of Medicine, from which he received his M.D. degree in 1948. He married his high school sweetheart, Peggy Lou Seyler, on Sept. 7, 1946. (Peg Davis died on Feb. 28, 2010.)

Dr. Davis served in World War II and the Korean Conflict. In Korea, he worked as a Mobile Army Surgical Hospital (MASH) surgeon and was part of a surgical research team that introduced new approaches to the treatment of burn and trauma patients, many of which are still used today. He was also rumored to have been one of the models for the fictional character Hawkeye Pierce, from Richard Hooker's novel, *M\*A\*S\*H*.

After the war, he completed his surgical training at the University Hospitals of Cleveland where he remained on the staff for nearly 20 years. When he left Cleveland, he was Professor and Chief of Surgery at the Cleveland Metropolitan General Hospital. In January 1969, Dr. Davis and his family moved from Cleveland to Burlington, where he became Chairman of the Department of Surgery at UVM and Chief of Surgery at the Medical Center Hospital of Vermont, roles that he held until 1989. His accomplishments during this time included the creation of the University Health Center (UHC) for ambulatory patient care; the recruitment and training of a world-class group of surgical residents; collaboration with community physicians throughout

the state; and continued research in the areas of trauma prevention and treatment. During his years at UVM, Dr. Davis served as president of the New England Surgical Society, the Vermont Chapter of the American College of Surgeons, the Eastern Surgical Association, and American Association for the Surgery of Trauma. He received the Distinguished Service Award from the Vermont State Medical Society and the Surgeon of the Year Award from the National Safety Council. He was a Fellow of the American College of Surgeons and received their highest honor, the Distinguished Service Award, in 1991. In 2000, his UVM medical staff colleagues honored him by supporting the construction of the John H. Davis Auditorium on the academic medical center campus. In 2009, he was honored by the Association of Women Surgeons for his commitment to the training and career advancement of women surgeons. During his career, Dr. Davis published more than 150 scientific papers, three books (including serving as lead editor of the textbook *Clinical Surgery*), and numerous book chapters. From 1975 to 1994, he served as editor of the *Journal of Trauma*. As accomplished as he was as a surgeon, researcher, and administrator, Dr. Davis may be remembered best to the many students, residents, and colleagues he interacted with over the years as a truly extraordinary teacher, mentor, and friend.

*For those who wish to honor the memory of Dr. Davis, donations may be made to the UVM College of Medicine Department of Surgery to support the annual John H. Davis, M.D., Endowed Lectureship in Surgery.*





February 17, 2012, 2:28 p.m.

With coats hanging at the ready, Associate Professor of Medicine Beth Kirkpatrick, M.D., delivers the main address at the 2012 White Coat Ceremony in Ira Allen Chapel.

photograph by **Raj Chawla**, UVM Medical Photography

webXtra

View a video of the White Coat Ceremony.

The event was streamed live over the Internet, and you can watch a recording of it online.

Go to: [uvm.edu/medicine/vtmedicine](http://uvm.edu/medicine/vtmedicine)



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