

V E R M O N T

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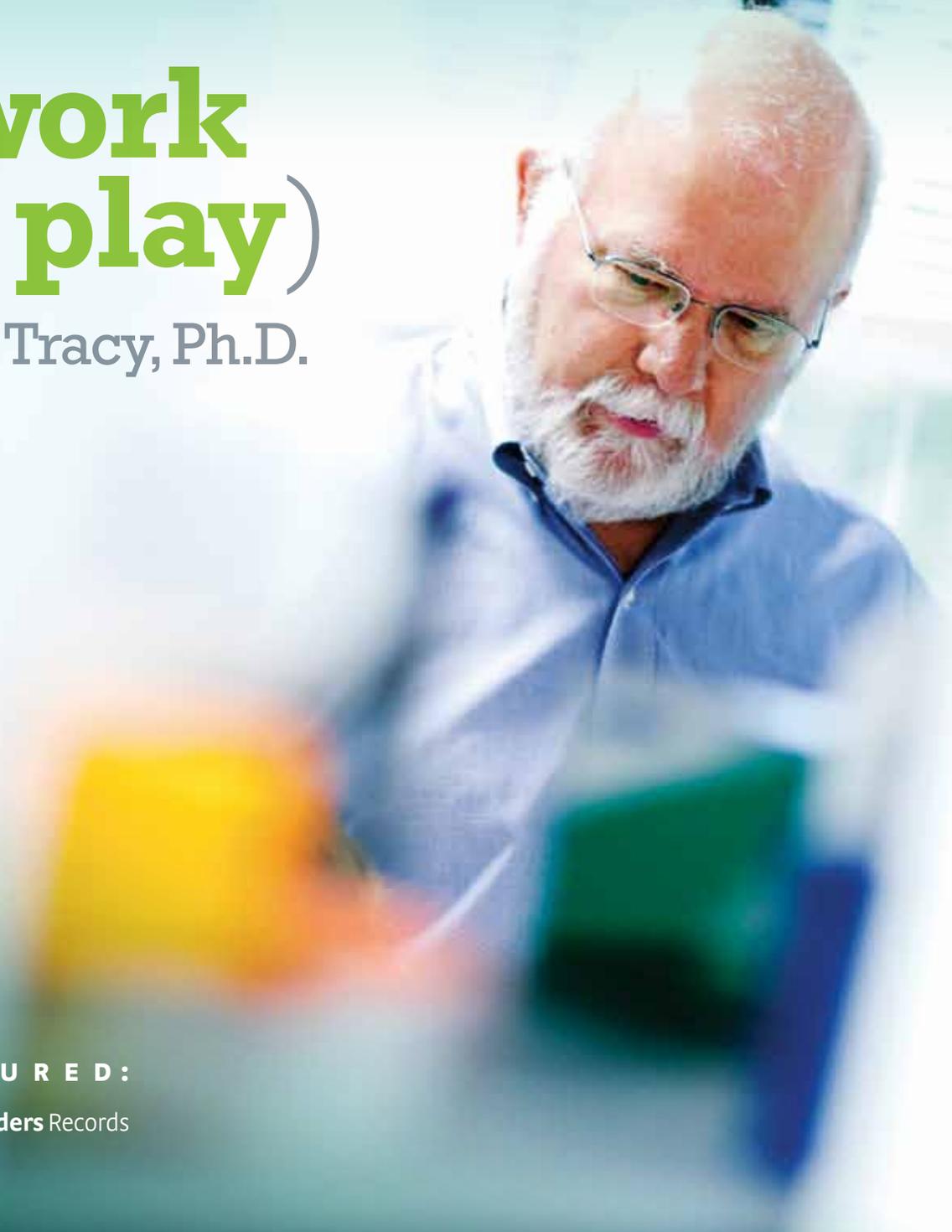
medicine

UNIVERSITY OF VERMONT COLLEGE OF MEDICINE

the **work**
(and **play**)
of Russell Tracy, Ph.D.

A L S O F E A T U R E D :

- › **Doctors Without Borders** Records
- › **The Pulse** at 50



VERMONT medicine

UVM COLLEGE OF MEDICINE MAGAZINE

VOL 49, ISSUE 2 • 2012

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A new chair, a new department, and three new Dean's Office appointments. Plus kudos for St. Mary's, an advanced microscope, and more.

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MEDICAL IRA ALLEN SOCIETY History in the making

The Medical Ira Allen Society has a long history, beginning with the Century Club, initiated by medical alumni in the late 1950s. For more than three decades the College of Medicine has recognized hundreds of donors each year. These benefactors have been the mainstay of philanthropy, and their gifts have greatly impacted students, faculty, and research. Just as UVM founder Ira Allen shaped UVM's earliest legacies, today's Medical Ira Allen Society members continue to mold the College of Medicine.

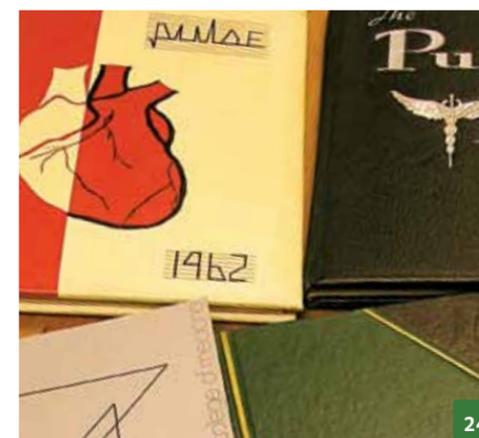
The new Ira Allen Society at UVM, and new Medical Ira Allen Society at the College of Medicine, will recognize annual gifts of \$2,500 and lifetime giving of \$100,000 or more, with special recognition for donors of \$1 million.



Read more about the new Medical Ira Allen Society at uvmfoundation.org/Iraallen or call the College of Medicine Development and Alumni Relations office at (802) 656-4014.

MEDICAL IRA ALLEN SOCIETY

A Medical Development and Alumni Relations officer can tell you more about how members of the new Medical Ira Allen Society are recognized on student lockers throughout the Medical campus.



12 Idea Man

Russell Tracy, Ph.D., followed his own special path to build a distinguished research and administrative career. In the process, he has helped foster the work of many others.

By Sarah Zobel

20 World Records

Around the globe, in settings of war and disaster, Doctors Without Borders provides urgent medical care. A UVM medical student is helping to develop the mobile electronic health record system the organization desperately needs.

By Jenny Blair, M.D.

24 Five Decades, and Still Ticking

Fifty years after the *Pulse* began, it still captures a yearly view for students, just as its three founders intended.

By Edward Neuert

ON THE COVER: Professor of Biochemistry and Pathology Russell Tracy, Ph.D., photographed by Mario Morgado.



There was one moment during this summer's Medical Reunion when the powerful effect of our College's existence really hit home. During the Celebration of Achievements, on the first night of reunion, Carleton Haines, M.D.'43 stood to receive his A. Bradley Soule Award from the Medical Alumni Association. Here was a physician who had graduated nearly seven decades earlier, who had spent his life ever since in service to medicine and his community, and whose family members had deep and extensive connections to the College, and to the health care of their fellow Vermonters. Those feelings were echoed in each of the introductions to the members of the 50th anniversary Class of 1962 as they were honored that night. You can't hear such a range of stories

about careers that span decades of healing without thinking of the tremendous effect made by the more than 4,000 living alumni of this College.

Two of those Class of '62 members, Michael Grady, M.D., and Sherwin Ritter, M.D., tell the story in this issue of their "extra credit" medical school project: the birth of the College's yearbook, the *Pulse*, which celebrated its half-century mark as a publication this summer. At a time when such annual productions are becoming rare, the *Pulse* continues, and it is a testament to the enthusiasm of each of our senior classes. It is also, I'd submit, a sign of the special experience students find here, and their desire to keep the memory of those good times alive.

Just as our alumni represent a deep well of experience, so do our faculty members. And there is probably no professor with a deeper knowledge of the research experience at the College of Medicine than Russell Tracy, Ph.D. I had the good fortune to work closely with Russ during my early years as dean, when he was senior associate dean for research and academic affairs, so I know this first-hand. I'm glad that with the profile in this issue many people who have never had the pleasure of Russ's company will be able to learn more about this remarkable scientist and scholar.

I'm also glad that we can shine a light on a student project that will soon bring better care to thousands of patients in some of the poorest places of the world served by the organization Doctors Without Borders. Nick Wilkie's efforts to provide physicians with a simple but effective mobile electronic health record is a remarkable use of technology in service to the art of healing. It is fitting to note that the genesis of this project was a lecture Nick attended given by an alumnus, Bruce Leavitt, M.D.'81, at his 30th reunion last year. We're a community whose members learn from each other, and spur each other onward.

Frederick C. Morin III, M.D.

Dean, University of Vermont College of Medicine



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Send Us Your Stories!

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

College News

Bernstein Named OB/GYN Chair and Women's Health Care Service Leader

Ira Bernstein, M.D.'83, professor of obstetrics, gynecology and reproductive sciences and senior associate dean for research at the College, and a specialist in maternal fetal medicine at Fletcher Allen, has been named the John Van Sicklen Maeck Chair of the UVM Department of Obstetrics, Gynecology and Reproductive Sciences and physician leader of the Women's Health Care Service at Fletcher Allen.

Bernstein, whose three-year term began July 1, succeeds Mark Phillippe, M.D., who will return to his role as professor, clinician, principal investigator, and mentor in the department. Bernstein will continue as senior associate dean for research, as well as maintain his clinical practice and pursue his active research projects.

"Dr. Bernstein's experience as a clinician and significant clinical/translational research and administrative

background will bring depth and breadth to this important role at our academic medical center," says Dean Rick Morin.

A native of New York, N.Y., Bernstein graduated magna cum laude with a B.S. degree from Union College in Schenectady, N.Y., before earning his medical degree from UVM. He completed his residency training in obstetrics and gynecology at George Washington University in Washington, D.C., followed by a maternal fetal medicine fellowship at UVM. He subsequently joined the UVM/Fletcher Allen faculty in 1987 and in 2001 was named a full professor.



Ira Bernstein, M.D.'83

Tandan and Parsons Lead Neurological Sciences Department

In 2011, the University of Vermont Board of Trustees approved the merger of two longstanding departments — Neurology and Anatomy and Neurobiology — in order to create the new Department of Neurological Sciences. On August 1, Rodney Parsons, Ph.D., professor and chair of anatomy and neurobiology, and Rup Tandan, M.D., professor and vice chair of clinical affairs in neurology, became leaders of the new department, as the national search for a chair and physician leader continues. Mark Phillippe, M.D., professor of obstetrics, gynecology and reproductive sciences, is serving as chair of the search committee. Professor Robert Hamill, M.D., who has served as chair and physician leader of neurology at UVM/Fletcher Allen for the past 19 years, has stepped down from this role to focus on his commitments to patient care and teaching as he prepares for retirement in 2013.

Tandan, who joined UVM/Fletcher Allen in 1993, has served as vice chair of clinical affairs for neurology since 2001. He has directed the neurology residency program and also currently directs the National ALS Clinical & Research Center, the Muscular Dystrophy Association clinic, the Neuromuscular Disorders Section, and the Neuromuscular Fellowship Program. Tandan earned his medical degree from King George's Medical College at the University of Lucknow in India, trained in internal medicine in

England and is a member of the Royal College of Physicians (UK).

Parsons received his Ph.D. in physiology from Stanford University and completed a National Institutes of Health postdoctoral fellowship in physiology at Columbia University. He joined the UVM faculty in 1967 and was appointed chair of anatomy and neurobiology in 1979. His scientific research focuses on the mechanisms that control the excitability of parasympathetic cardiac and sympathetic neurons inside cardiac tissues. Since 2001, Parsons has served as the director of the UVM Center of Biomedical Research Excellence in Neuroscience.

The new Department of Neurological Sciences will be closely aligned with the Neuroscience, Behavior and Health spire, one of three spires of excellence selected in 2010 through the UVM-wide Transdisciplinary Research Initiative.



Rup Tandan, M.D.



Rodney Parsons, Ph.D.

Three Key Appointments in Dean's Office



Christa Zehle, M.D.'99



Charles Irvin, Ph.D.



Tiffany Delaney, M.A.Ed.

This summer, three new appointments in the Office of the Dean have focused on better serving students, faculty, and staff at the institution.

Dean Rick Morin and Senior Associate Dean for Medical Education William B. Jeffries, Ph.D., announced the appointment of **Christa Zehle, M.D.'99**, associate professor of pediatrics and pediatric hospitalist at Fletcher Allen Health Care, as associate dean for student affairs. Zehle succeeded G. Scott Waterman, M.D., who retired from the faculty and will continue in an advisory role to the Office of Medical Student Education for the next year.

A 1999 alumna of the UVM College of Medicine, Zehle joined UVM/Fletcher Allen in 2003 as assistant professor of pediatrics and was promoted to associate professor in 2011. She successfully launched the Pediatric Hospitalist Program at Fletcher Allen, and will continue to have a clinical role at Vermont Children's Hospital along with her responsibilities as associate dean.

Professor of Medicine **Charles Irvin, Ph.D.**, has been named assistant dean for faculty at the College. In this role, he is responsible for faculty development and advancement and reports directly to the dean.

As assistant dean for faculty, Irvin, who will continue to direct the Vermont Lung Center and serve as vice chair of

research in the department of medicine, will be responsible for managing the orientation and education of new faculty, establishing a program to guide and assist faculty in developing their academic careers, and overseeing the promotion and tenure process.

College of Medicine Director of Admissions **Tiffany Delaney, M.A.Ed.**, has been appointed interim assistant dean for diversity and inclusion. In addition, Delaney is serving as co-chair with Janice Gallant, M.D., associate dean for admissions, of the newly-established Dean's Advisory Committee on Diversity and Inclusion (DACDI). Delaney will continue her role in admissions while overseeing the plans, policies and initiatives for diversity and inclusion at the College.

Delaney's position and the DACDI are part of organizational changes initiated by the dean to help expand and focus college-wide efforts on diversity and inclusion for College of Medicine faculty, staff and students.

After earning a master's degree in higher education administration from the George Washington University, Delaney joined the College of Medicine admissions office in 2003. She was named director of admissions in 2005, and has since been instrumental in the College's very successful recruitment and outreach efforts.

St. Mary's Clerkships Earn Honors

Every year, the College's Office of Student Medical Education surveys the class about to finish their clerkships to rate their perception of their many clinical experiences, and recognizes the top program with the "Best Clerkship of the Year Award." This year, the Department of Obstetrics and Gynecology and the Department of Surgery at St. Mary's Medical Center in West Palm Beach, Fla. (a teaching affiliate of the College), shared the award.

At a presentation in West Palm Beach earlier this summer, UVM Associate Professor of Obstetrics, Gynecology and Reproductive Sciences Elise Everett, M.D., presented award plaques to obstetrician John Caravello, M.D., and surgeon Robert Borrego, M.D.

Students praised the OB/GYN staff for pushing them to work outside their "comfort zones," and for allowing direct student participation in various kinds of deliveries of babies. Surgical clerkship participants cited the ample amount of one-on-one teaching time given by surgeons, and the good balance struck by the program between time in the operating room and time making rounds in the St. Mary's wards.

All told, there are 28 clerkship programs that serve College of Medicine students at Fletcher Allen Health Care in Burlington, Danbury Hospital in Connecticut, Eastern Maine Medical Center in Bangor, and St. Mary's Medical Center in West Palm Beach, Fla.



Above: St. Mary's surgeon Robert Borrego, M.D., with clerkship student Vincent Kan '14; St. Mary's obstetrician John Caravello, M.D., accepts a Best Clerkship award from Elise Everett, M.D.

Notables

Mann Honored for Research Achievements

Recognized as one of the world's most foremost authorities on blood coagulation, **Kenneth Mann, Ph.D.**, professor of biochemistry, was recently presented with the 2012 Hemostasis & Thrombosis Research Society Lifetime Achievement Award. A 1967 Ph.D. alumnus of the University of Iowa Carver College of Medicine, Mann was also presented with the Distinguished Alumni Award this summer at the College's Medical Alumni Reunion.



Kenneth Mann, Ph.D.

American Cancer Society Recognizes Skin Cancer Advocates

Advocacy efforts by **Kathryn Schwarzenberger, M.D.**, professor of medicine and chief of dermatology, and

Claire Verschraegen, M.D., professor of medicine, chief of hematology and oncology and co-director of the Vermont Cancer Center, have been recognized with awards from the American Cancer Society. Schwarzenberger and Verschraegen, along with Vermont State Representative Janet Ancel, a skin cancer survivor, received recognition from the American Cancer Society in July for their leadership in skin cancer prevention and commitment to reducing the burden of cancer. Each of the women was instrumental in the public campaign and passage of 2012 legislation to ban the use of tanning beds to children under the age of 18 in Vermont.



Claire Verschraegen, M.D., Kathryn Schwarzenberger, M.D., and Janet Ancel

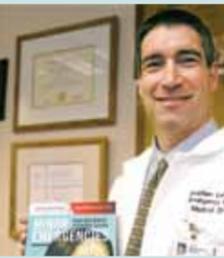
Irvin Chairs National IDeA Symposium of Biomedical Research Excellence

Charles Irvin, Ph.D., professor of medicine and director of the Vermont Lung Center, served as chair of the 4th Biennial National Institutes of Health (NIH), National Institute of General Medical Sciences (NIGMS) National IDeA Symposium of Biomedical Research Excellence (NISBRE), held in June in Washington, D.C. Irvin has served as chair of the NISBRE executive steering committee since 2005. A program of the National Center for Research Resources (NCRR) at the NIH, NISBRE showcases the scientific and training accomplishments of the IDeA (Institutional Development Award) program of NCRR. IDeA develops scientific centers of excellence and trains biomedical scientists in the IDeA eligible states (which includes Vermont).



UVM Alumni Co-Author Emergency Reference Book

What circumstances define a major versus a minor medical emergency? A just-released third edition of *Minor Emergencies*, co-authored by **Stephen Leffler, M.D.'90**, and **Philip Buttaravoli, M.D.'70**, provides details on how to handle non-life-threatening emergencies. Leffler is professor of surgery and chief medical officer at Fletcher Allen, and Buttaravoli is an adjunct assistant professor of surgery and emergency medicine physician at UVM's clinical training satellite site, St. Mary's Medical Center in West Palm Beach, Fla. In addition, a total of 15 UVM emergency medicine faculty members contributed to the publication.



Stephen Leffler, M.D.'90

Vermont Alzheimer's Association Honors Pendlebury

The Alzheimer's Association, Vermont Chapter, recognized the work of **William Pendlebury, M.D.'76**, professor of pathology and neurology and medical director of the Memory Center at Fletcher Allen Health Care, with the Community Activist and Leadership Award at the organization's third annual Reason to Hope Dinner in June at the Hilton Burlington. The Community Activist and Leadership Award is the Alzheimer's Association's highest honor given to a community leader. Pendlebury co-founded The Memory Center at Fletcher Allen Health Care in 1991 and is also the director of the UVM Center on Aging.



William Pendlebury, M.D.'76

Budd Inducted as Member of National Honor Society for Physician-Scientists

Ralph Budd, M.D., professor of medicine, director of immunobiology, and director of the Vermont Center for Immunology and Infectious Diseases, was inducted this spring into the Association of American Physicians, the national honorary society for physician-scientists. A nonprofit, professional organization founded in 1885 by seven physicians, including William Osler, the Association of American Physicians has more than 1,300 active members and approximately 600 emeritus and honorary members from the U.S., Canada, and other countries.



Ralph Budd, M.D.

Rincon and Vizzard Named 2012-13 University Scholars

Two College of Medicine faculty members have been selected as University Scholars this year: **Mercedes Rincon, Ph.D.**, professor of medicine, and **Margaret Vizzard, Ph.D.**, professor of neurology. The University Scholars program recognizes distinguished UVM faculty members for sustained excellence in research and scholarly activities. The Scholars are selected by a faculty panel based upon nominations submitted by UVM colleagues.



Mercedes Rincon, Ph.D.



Margaret Vizzard, Ph.D.

Research Milestones

Colletti and ImproveCareNow Team Publish IBD Study

A new study by a national quality improvement and research network demonstrates that a collaboration by physicians led to marked improvement in the outcomes of patients with inflammatory bowel disease (IBD), without introducing new drugs in treatment. Published online in *Pediatrics*, the journal of the American Academy of Pediatrics, the study was conducted by ImproveCareNow, a national quality improvement and research network based at the University of Vermont and directed by **Richard Colletti, M.D.**, professor and vice chair of pediatrics and a pediatric gastroenterologist.



Richard Colletti, M.D.

study published in *Science* this May. Their study highlights attributes of the endothelial cells, which line each vessel in the circulatory system and play an important role in regulating blood flow. Nelson, who is senior author of the study, first author Sonkusare, and colleagues were able to define a direct connection between two different classes of endothelial cell ion channels — pore-forming molecules that allow selective passage of a subset of ions across the cell membrane. This link creates a powerful circuit for the endothelial control of smooth muscle contraction. The group's findings provide new and important information for the development of pharmaceutical treatments for endothelial dysfunction in cardiovascular disease.

Dauerman Leads TAVI Clinical Trial

Vermont's academic medical center is one of 45 sites in the United States participating in the Medtronic CoreValve® U.S. Pivotal Trial evaluating the safety and effectiveness of a new technology that enables aortic valve replacement without traditional open-heart surgery. Many patients with severe aortic stenosis are unable to receive surgical valve therapy. For patients at high-risk for open-heart surgery, this trial will study the efficacy of a less-invasive, percutaneous treatment option. The study leader is Professor of Medicine **Harry Dauerman, M.D.**, director of the Cardiovascular Catheterization Laboratories at Fletcher Allen.



Harry Dauerman, M.D.

ASCO Presentation Focuses on Family History

Clinical trial findings presented at the American Society for Clinical Oncology (ASCO) annual meeting — attended by roughly 30,000 cancer specialists from around the world — often impact the current standards of care for cancer patients. Research presented by **Marie Wood, M.D.**, professor of medicine and director of the Familial Cancer Program at the Vermont Cancer Center, was highlighted at this year's meeting. Wood is lead author of a study, sponsored in part by ASCO, titled "Quality of Cancer Family History and Referral for Genetic Counseling and Testing among Oncology Practices." More than 200 doctors' offices and treatment centers associated with ASCO's Quality Oncology Practice Initiative participated in the study. Based on their findings, the group recommends provider education to help make significant, needed improvements in the practice of cancer family-history-taking and appropriate referral.



Marie Wood, M.D.

Study Finds Brain Networks Connected to Teen Drug Abuse

Why do some teenagers start smoking or experimenting with drugs while others don't? In the largest imaging study of the human brain ever conducted — involving 1,896 14-year-olds — scientists have discovered a number of previously unknown

networks that go a long way toward an answer. **Robert Whelan, Ph.D.**, and **Hugh Garavan, Ph.D.**, a University of Vermont postdoctoral research fellow and associate professor of psychiatry and psychology, along with a large group of international colleagues, report that differences in these networks provide strong evidence that some teenagers are at higher risk for drug and alcohol experimentation — simply because their brains work differently, making them more impulsive. The findings were presented in the journal *Nature Neuroscience*.



Hugh Garavan, Ph.D.

Stapleton Receives K23 Grant to Study Sepsis Treatments

Renee Stapleton, M.D., Ph.D., assistant professor of medicine and a critical care specialist at Fletcher Allen Health Care, was awarded a four-year, \$683,532 National Institutes of Health K23 grant to conduct translational research on nutrition and pharmacutrients in critically ill patients with sepsis, which is the leading cause of death in critically ill patients in the U.S. K23 awards, which are directed for mentored career development for patient-centered research, provide research funding and protected time to further career development through expert mentoring and a specific educational plan. As part of the grant, Stapleton, who is trained in epidemiology, will also pursue additional training in pharmacokinetics and translational research to establish herself as an expert in nutrition and pharmacutrient therapy in critical illness.



Renee Stapleton, M.D., Ph.D.



Science Publication Reveals a Novel Mechanism to Regulate Blood Flow

UVM researchers **Swapnil Sonkusare, Ph.D.**, an American Heart Association and Pulmonary Hypertension Association postdoctoral fellow, University Distinguished Professor and Chair of Pharmacology **Mark Nelson, Ph.D.**, and colleagues, shed light on a major facet of an important communication system at work in this process in a

NIH Shared Instrument Grant to Bring Multi-photon Microscopy to UVM

UVM neuroscience investigators can anticipate a clearer view of cell-to-cell interactions thanks to a \$600,000 Shared Instrument Grant from the National Institutes of Health (NIH) secured by **Rodney Parsons, Ph.D.**, UVM professor and co-chair of the new Department of Neurological Sciences and co-principal investigator of the Neuroscience Center of Biomedical Research Excellence (COBRE) at UVM.

Supported by the NIH National Center for Research Resources (NCRR), the Shared Instrument Grant (SIG) program encourages applications from

groups of NIH-supported investigators to purchase or upgrade a single item of expensive, specialized, commercially available instrumentation or an integrated system that costs at least \$100,000. The maximum award is \$600,000.

UVM's award provides funding for the purchase of a multi-photon microscope, which will be housed in the multi-user Neuroscience COBRE Imaging and Physiology Research Core.



UVM's new multi-photon microscope, funded by the NIH Shared Instrument Grant, was installed this summer.

James Named Director of Clinical Simulation and Macy Scholar

Associate Professor of Surgery and attending oncology surgeon Ted James, M.D., has been named director of clinical simulation for the UVM Clinical Simulation Laboratory (CSL). The CSL is jointly supported by the UVM College of Medicine, the UVM College of Nursing and Health Sciences and Fletcher Allen Health Care. As clinical director, James will provide administrative and academic leadership for the laboratory, promoting health professions education through simulation throughout UVM, Fletcher Allen Health Care and the community.

James has also been selected as one of five 2012 Macy Faculty Scholars by the Josiah Macy Jr. Foundation. More than 70 medical and nursing educators from across the country were nominated for the award, which is designed to identify and nurture the careers of educational innovators in medicine and nursing. James was recognized for his accomplishments to date and future promise as an educational leader and innovator.



Ted James, M.D. leading senior medical students in the Clinical Simulation Laboratory.

Two Grants, Two Scientific Careers

Biomedical research at UVM is a continuum, with new researchers joining the faculty ranks each year, and more seasoned scientists overseeing larger projects as their careers deepen. Examples of this process are two faculty members, one a veteran of more than 30 years in the lab, another who just joined the faculty last year.

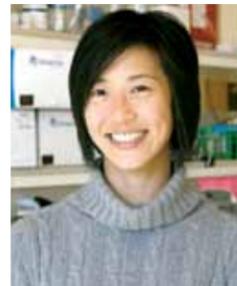


Mark Nelson, and the Fondation Leducq Grant

UVM Distinguished Professor and Chair of Pharmacology Mark Nelson, Ph.D., will co-lead a research effort by UVM investigators and colleagues from France, Germany, Massachusetts, and Iowa that will focus on small vessel disease of the brain, funded by a five-year, \$6 million grant from the Fondation Leducq Transatlantic Networks of Excellence Program. Anne Joutel, M.D., Ph.D., research director of INSERM

at the University of Paris, France, is the other co-leader and the grant's European coordinator. The group's award was one of only four grants given by the Fondation.

The team's research will focus on uncovering details regarding the mechanisms that cause cerebral small vessel disease of the brain, a condition that accounts for roughly 25 to 30 percent of ischemic strokes, is a leading cause of cognitive decline and disability, and is linked to high blood pressure. Nelson is an expert in the contractility of small arteries inside the brain. This is the second Fondation Leducq award received by UVM researchers in the past eight years. Professor and Chair Emeritus of Pathology Edwin Bovill, M.D., received one of the first four such awards in 2004, which focused on blood-clotting disorders.



New Pew Biomedical Scholar Aimee Shen, Ph.D.

In June, the Pew Charitable Trusts announced that Aimee Shen, Ph.D., assistant professor of microbiology and molecular genetics, is among 22 of the nation's most innovative young researchers to be named a 2012 Pew Scholar in the Biomedical Sciences. As a Pew Scholar, she joins a prestigious community that includes Nobel Prize winners, MacArthur Fellows, and recipients of the Albert Lasker Medical Research Award.

Shen is among three College of Medicine faculty members to have received this award, including Ralph Budd, M.D., professor of medicine and director of immunobiology, and Sylvie Doublet, Ph.D., professor of microbiology and molecular genetics.

Launched in 1985, the Pew Scholars Program in the Biomedical Sciences identifies and invests in talented researchers in medicine or biomedical sciences. By backing them early in their careers, this program enables promising scientists to take calculated risks and follow unanticipated leads to advance human health. The program is rigorously competitive, and recipients receive \$240,000 over four years to pursue their research without restriction.

Shen has studied how temperature is sensed at the molecular level of bacteria. She determined a novel method for regulating the gene expression of the flagella that help these bacteria move. As a postdoctoral fellow, she switched to a new organism and different approach and devised a procedure for isolating bacterial proteins that share a particular activity, providing a new landscape for drug discovery.

STUDENT NOTES



Eric Kalivoda '13

was selected one of 70 students from 27 medical schools across the country to participate in the year-long, prestigious Howard Hughes Medical Institute (HHMI) Medical Research Fellows

Program, a \$2.5 million annual initiative to increase the training of future physician-scientists. Kalivoda will work at the KwaZulu-Natal Research Institute for Tuberculosis and HIV (K-RITH), in Durban, South Africa.



Marissa Mendez '15

was selected as one of 13 outstanding medical students from across the country named 2012 American Medical Association (AMA) Foundation Minority Scholars Award recipients.

The awards recognize scholastic achievement, financial need, and commitment to improving minority health among first- or second-year students in groups defined as historically underrepresented in the medical profession.



Elizabeth Robison '14

was awarded first place for her abstract and poster titled "Relationship between Sentinel Lymph Node Radioactivity Count and Metastasis in Breast Cancer" at the 2012 American

Medical Student Association (AMSA) National Convention held in Houston, Texas, in March. Robison's research mentor on the project was Ted James, M.D., associate professor of surgery.



Alison Alpert '14

received an Honorable Mention for her poem "Fracture" in the 30th annual William Carlos Williams Poetry Competition, which is run by the Northeastern Ohio Universities Colleges of Medicine and

Pharmacy Human Values in Medicine Program. The competition is open to medical students in the United States and Canada.

3 Questions

for Ramin Ahmadi, M.D., M.P.H.

Chair of Medical Education and Research at Danbury Hospital/ Western Connecticut Health Network and Associate Professor of Medicine at the UVM College of Medicine.

Dr. Ahmadi practices at Danbury Hospital and, in his role as chair of medical education, oversees the clinical education of UVM medical students on rotation in Connecticut. Since 1999 he has worked on health and human rights projects in East Timor, Nicaragua, Uganda, Guyana, Sri Lanka, and Chechnya. He is a co-author of the Physicians for Human Rights book Endless Brutality: War Crimes in Chechnya. In addition to his published research, Dr. Ahmadi is the author of a book of poems, a collection of essays, and numerous articles and short stories that have appeared in the New York Times, International Herald Tribune, Forbes, The Literary Review, and other publications.



Ramin Ahmadi, M.D., M.P.H.

VM: How does the presence of UVM medical students add to Danbury Hospital?

RA: Our relationship with the College is a key part of Danbury Hospital's evolution into an academic medical center. I think it enriches the professional lives of everyone here. We're attracting more academic faculty who prioritize education and research in their work. We have 164 physicians involved in teaching who are now faculty members. Research has also increased. In the last three years the number of original research projects at our institution has grown sevenfold. The number of peer-reviewed publications has increased tenfold. It's good for our patients, too. As medical educators, we believe intrinsically that medical education and research have positive impacts on patient care. Students and residents keep us "on our toes," and constantly thinking about the decisions we make. Patients feel this, I believe, and see Danbury as a place that's in touch with the latest in research and education and care.

VM: Have you found UVM students well prepared to enter the clinical environment at Danbury?

RA: The integrated curriculum and the thorough use of simulation make them ready to contribute in the clinic right away. The adjustment comes into play in lifestyle issues, as Danbury is a very different place from Vermont. We've found that we need to take action to provide UVM students with a lifestyle and a lively environment around their clinical activity. That has been a process. I think the students who come here in the future will know a lot more about Danbury and where to find what they need. At the same time, Danbury's differences are a key strength. Our diverse clinical population increases cultural competency and provides the students with a much more diverse pathology than they may see in Burlington alone. And we offer the perspective of a different culture within the daily operations of the hospital. That's important for students to absorb as they plan their future residencies and careers.

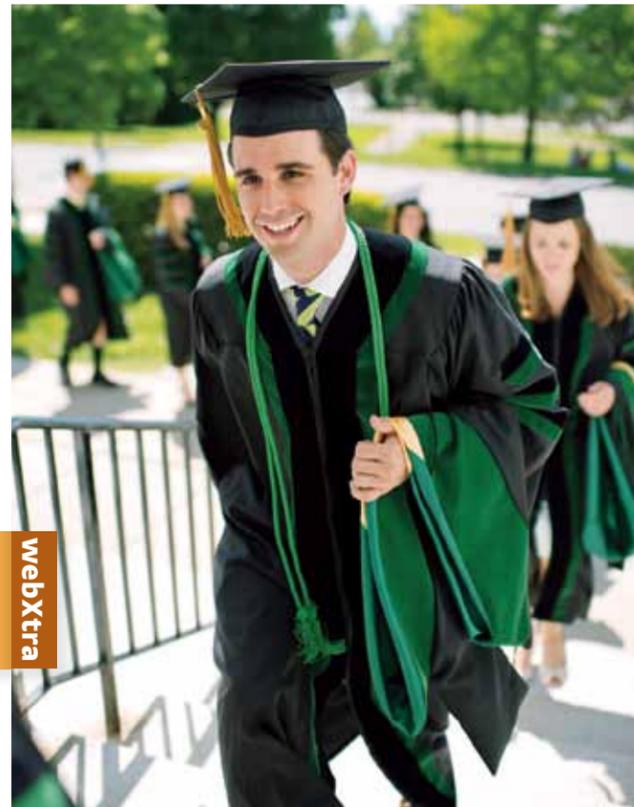
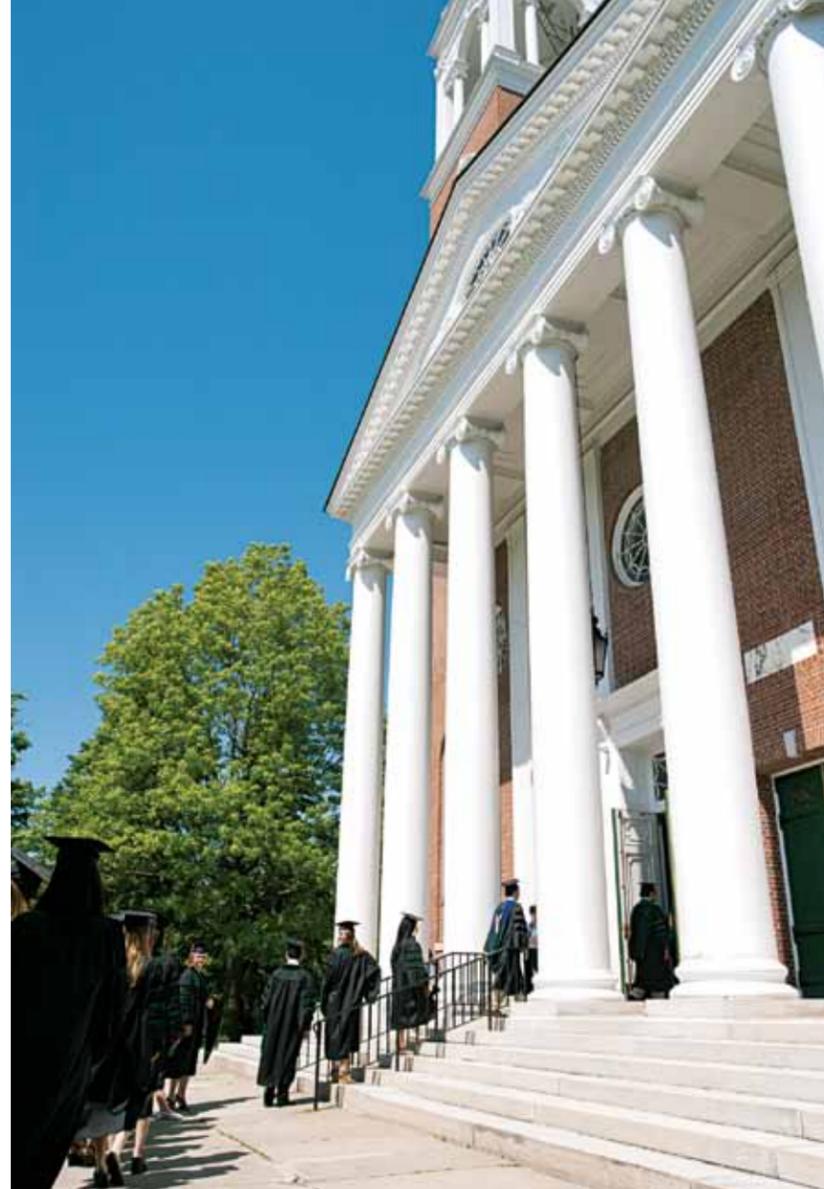
VM: We've heard a lot about a new global health initiative at Danbury. How is that going?

RA: Yes, we're really excited about our new global health program. One of the founders of the Yale global health program in Africa, Majid Sadigh, M.D., has just joined us to direct the program. Dr. Sadigh has worked in the past in Africa with a number of faculty from UVM. He's built an exciting program with sites in Haiti, Uganda, and Russia; and we're hoping to subsequently expand that to China and Argentina. Students can take part in our tropical medicine and global health lecture series, then start working with Dr. Sadigh and other UVM mentors to develop a global health project. They'll gain field experience in another part of the world, and then work with their mentors to put the project in manuscript form and publish it. These experiences can be transformative for the students and their mentors, no matter what career path the students may eventually choose.



Commencement 2012

At this year's Commencement in Ira Allen Chapel, 113 students — 63 women and 50 men — in the College of Medicine's Class of 2012 strode across the stage to receive their medical degrees. A large part of the College's Class of 2012 — 19 students — are pursuing pediatrics as a specialty; 17 students have gone into internal medicine; 14 into family medicine; and 11 are in emergency medicine residencies. The remaining 52 students are training in a wide range of other specialties, including anesthesiology, surgery, and obstetrics and gynecology. A total of 14 students are serving their residencies at Fletcher Allen Health Care. The Commencement speaker was G. Scott Waterman, M.D., associate dean for student affairs and professor of psychiatry, who has served in the Office of Medical Student Education for eight years and was among 19 faculty members retiring from the College of Medicine. Prior to the hooding and conferring degrees of the medical students, Ira M. Bernstein, M.D., senior associate dean for research, recognized the College's doctorate and master's degree recipients. William Jeffries, Ph.D., senior associate dean for medical student education, announced the names of Class of 2012 awards and honors recipients. Student speaker Melissa Marotta Houser presented an address to her classmates.



View the 2012 College of Medicine Commencement online. The ceremony was streamed live over the Internet, and you can watch a recording of it and see photos online.

Go to: uvm.edu/medicine/vtmedicine

WebXtra



Russell Tracy, Ph.D., stands in the “freezer farm” of the Laboratory for Clinical Biochemistry Research, where millions of blood samples are safely stored.

idle man

Russell Tracy, Ph.D., followed his own special path to build a distinguished research and administrative career, and in the process has helped foster the work of many others.

by Sarah Zobel | photographs by Mario Morgado

Russell Tracy, Ph.D., directs the UVM Laboratory for Clinical Biochemistry Research; lectures in pathology and biochemistry; travels regularly to meet with collaborators on the countless multicenter, multidisciplinary studies in which his lab has a role; and routinely writes and reviews grants and articles for publication. Yet he describes his days as nothing more than play.

“Humans don’t want to work,” Tracy explains. “*Play* is being able to spend your day doing something you think of as productive, and being very comfortable in how your day goes. If you can do that, then you’re playing, not working, and the output is almost always much better than if you’re cutting against the grain and working all day.” When speaking with graduate students today, he tells them to focus not so much on the content — whether it’s cancer,

cell biology, or heart disease matters less than that each person finds work that lets his or her brain function the way it’s most able to, which he says is one definition of *play*.

According to Tracy, however, most people have no idea how their own brains work. So he suggests to the graduates that they ask themselves, “What would ten people who know me say about why I’m smart?” He’s not looking for a list of accomplishments; rather, he wants them to consider what they’ve done as a process to demonstrate intelligence. Using himself as an example, he often shares with others a binder filled with his elaborate doodles, dated and titled with the meetings at which he drew them.

“I keep [the binder],” Tracy says, “because I find it illustrative to say to people, ‘There’s lots of ways to be productive and smart.’” The doodles, he explains, don’t mean he’s not paying attention — on the contrary, he



listens intently, and creating the drawings helps him stay focused on the discussions. But like most people with a mild to moderate attention deficit hyperactivity phenotype, it took a while for Tracy to figure himself out.

As an undergraduate at LeMoyné College, a Jesuit school in Syracuse, New York, Tracy was “the smart guy in class who never did well on tests.” He majored in biology, thinking he should go to medical school, and minored in philosophy and theology. But it was in the latter classes that he earned his best grades, while barely passing biology and chemistry. His senior year, he dropped his genetics course to focus on Teilhard de Chardin, a Christian philosopher, much to the dismay of the chair of the biology department, who called to point out what he deemed to be Tracy’s mistake. Tracy didn’t care that he wouldn’t be accepted by a medical school. At that point, he wanted to engage in pure thought.

“I remember taking a week off from classes to work on decision making,” he says. “Who does that?”

After graduating with his degree in biology in 1971, Tracy considered joining the Navy, until he realized that he’d have to undergo three years of schooling before even being allowed on a submarine. Feeling a sense of aimlessness, he took jobs selling Oriental rugs and tending bar. It was only by chance that he saw a poster announcing graduate biochemistry work at Syracuse University.

Because his grades wouldn’t have allowed him to matriculate, Tracy decided — “a little bit impulsively” — to buy a few credit hours’ worth of biochemistry courses. It was 1972, and though his ponytailed fellow students were walking around campus in combat boots, Tracy cut

“A lot of modern cardiovascular research... would not have evolved without Russ playing such a big role in stimulating investigators to work together.”

—Lew Kuller, M.D., Dr. P.H.,
Distinguished University Professor of Public Health
Department of Epidemiology
University of Pittsburgh

Russell Tracy, Ph.D., in his Colchester lab with research technician Cheryl Powden.



the tracy file

Russell Tracy, Ph.D.

Professor, Departments of Pathology and Medicine
1997–present
Member of the University of Vermont faculty since 1984.
Senior Associate Dean for Research & Academic Affairs,
UVM College of Medicine, 2001–2009
Interim Associate Dean for Research,
UVM College of Medicine, 2000–2001
Associate Director of Clinical Chemistry,
Fletcher Allen Health Care, 1995–1997
Core Laboratory Director, General Clinical Research Center
and Sims Obesity and Nutrition Research Center,
UVM College of Medicine, 1993–1995
Assistant Professor of Pathology, University of Rochester (N.Y.)
1983–1984
Postdoctoral Research, Mayo Clinic, Rochester, Minn.,
1978–1983
Consultant, Molecular Anatomy Program,
Argonne National Laboratory, Argonne, Ill.

EDUCATION

LeMoyne College, Syracuse, N.Y.,
B.S., Biology, 1971
Syracuse University, Syracuse, N.Y.,
Ph.D., Biochemistry, 1978
Mayo Clinic, Rochester, Minn.,
Postdoctoral training, 1978–1980

- **University Scholar,**
University of Vermont, 2009
- **Author of more than 400 published
peer-reviewed articles.**

SELECTED HONORS

2006–2010 AHA Council on Epidemiology & Disease
Prevention Leadership Committee
Authored article listed in the “most overall cited articles
since 1993” in *New England Journal of Medicine*; two
articles in “Top 50 Cited Articles” in *Circulation*.
The Bernie Zak Award for Research — Lipoproteins and
Vascular Diseases Division, American Association for
Clinical Chemistry, 2005
The Kelly West Lecture —
University of Oklahoma Medical Center, 2005
Advisory Board member: *Journal of Thrombosis and
Haemostasis*, 2004–present
Fellow, American Heart Association Council on
Arteriosclerosis, Thrombosis and Vascular Biology, 2001
Editorial Board Member: *Arteriosclerosis, Thrombosis and
Vascular Biology*, 2000–present

off his long hair and bought a jacket and tie — even an attaché case. Recognizing that he was “a lousy student in the traditional sense,” he made a commitment that for one semester he’d show up every day on campus at 8:00 a.m. and stay until 5:00 p.m., to focus on classwork. At the same time, he took a job as the “sign-in guy” in the emergency room at Upstate Medical Center. That was an eye-opener.

“I was always very philosophically engaged in all of sorts of things,” says Tracy, “and suddenly I realized there was this world where people were getting knifed and shot.” Telling himself to focus a little less on his angst and uncertainty, and realizing that he wasn’t any different from the grad students around him, he eventually matriculated into the doctoral program. After he’d completed it, as a tryout to becoming a clinical chemist, Tracy volunteered in the pathology lab at Upstate Medical Center, where he set up instruments and generally made himself useful. Realizing he might finally have found something he could stick with, Tracy decided to apply for a postdoctorate program.

Before this, though, he’d already made the biggest collaboration of his life, when he met and married his wife, Paula, who was a fellow graduate student in biochemistry. (Professor of Biochemistry Paula Tracy, Ph.D., recently completed her tenure as interim chair of the UVM Department of Biochemistry and is Foundations director in the College’s Office of Student Medical Education.) The Tracys ended up at the Mayo Clinic in 1978 — Russ as a training fellow in clinical chemistry and Paula in hematology. In 1984 they came to UVM. Because he had worked on some coagulation and thrombosis studies, he was drawn to a group conducting research in those areas that included Kenneth Mann, Ph.D., Paula Tracy’s boss at the Mayo Clinic, work that evolved into the Laboratory for Clinical Biochemistry Research (LCBR).

In yet another bit of serendipity, after a short while Tracy read a request for applications to the National Institutes of Health to be the core lab for an epidemiology study. Although his group’s work had focused on trials of people who had already suffered heart attacks, the study would allow them to look at why people were having heart attacks, perhaps even determining how to intervene and avoid them. That grant became the landmark Cardiovascular Health Study, which started in 1987 and is ongoing today. It’s also meant that the once-quiet laboratory has evolved into one of the largest university-based core laboratory and biosample repositories in the country, with some 3 million samples from around the world stored in 150-plus ultracold freezers in a satellite facility known to those at the LCBR as the “freezer farm.” Today, the LCBR is a major repository for NIH studies; the samples stored there are from studies that represent a total commitment by the NIH of approximately \$1 to \$2 billion.

The LCBR’s eight faculty and numerous staff work in multiple disciplines, including, most recently, genetics. In particular, Tracy has done extensive work studying cardiovascular disease and death in patients with HIV, and with his colleagues at other centers has published some of the seminal papers on HIV and mortality.

Bruce Psaty, M.D., Ph.D., M.P.H., professor of medicine and epidemiology at the University of Washington, has worked with Tracy on the Cardiovascular Health Study since its inception. They’ve also collaborated on countless other studies and publications in the intervening years.



Tracy interacts with many members of the Laboratory for Clinical Biochemistry Research staff in the course of his day. Here he chats with lab coordinator Elaine Cornell (left) and research technician April Perry (right).

“Russ has helped revolutionize thinking about coronary disease,” Psaty says, adding that Tracy is a “prince” who sometimes “has trouble saying no to people who need his help.”

Elaine Cornell, LCBR lab coordinator since 1986, agrees.

“He has all these brilliant ideas, and I just look at him and say, ‘Really?’ and then try to rein in some of his brilliance, because we can’t possibly do everything he asks,” says Cornell, laughing. She notes that Tracy comes at things — for example, HIV studies — with a different perspective.

Says Psaty of Tracy, “He’s always worked to the advantage of the group.”

That’s an opinion that’s shared by Tracy’s colleagues around the country.

“I think a lot of modern cardiovascular research, inflammation, HIV, and diabetes, would not have evolved without Russ playing such a big role in stimulating investigators to work together,” says Lew Kuller, M.D., Dr.P.H., distinguished university professor of public health, and chair of epidemiology at the University of Pittsburgh

Graduate School of Public Health, who was another early participant in the Cardiovascular Health Study (CHS). Kuller was conducting a separate study and had found that low levels of a common protein, albumin, can lead to an increased risk of heart attack. At one of the first CHS meetings, he mentioned his finding to Tracy, who gave him insights into the workings of acute phase proteins, and suggested they take a look at inflammation and cardiovascular disease using better markers. Tracy then developed a technique to measure C-reactive protein, and applied it to both the CHS and some of Kuller’s other studies, while showing that it was a predictor of heart attack risk.

“It was in many ways just a passing observation,” says Kuller, “but Russ was so intuitive and so smart that he said, ‘We’ve got to move with this and understand it.’ A lot of people might have blown me off as just an investigator who doesn’t know much about biochemistry.” In fact, he notes, C-reactive protein subsequently became an essential part of cardiovascular research.

From 2001 until 2009, Tracy served as senior associate dean for research and academic affairs for the College of



stewarding a billion dollars worth of blood

At any given time, the Laboratory for Clinical Biochemistry Research (LCBR) has a role in hundreds of projects, serving as gatekeeper for multicenter cohort studies around the world. The grandfather of these is the National Heart, Lung and Blood Institute's Cardiovascular Health Study, an ongoing study of risk factors for the development of cardiovascular heart disease in people age 65 and older.

The LCBR staff is also currently extensively involved in the U.S. government's \$70 million exome sequencing program, including organizing the study, writing papers, and directing the work. They're also collaborating on NHLBI's Multi-Ethnic Study of Atherosclerosis, the National Institute on Aging's Health-ABC Study, and the



Most of the 150 freezers in the Laboratory for Clinical Biochemistry Research maintain their blood samples at a constant -80° C temperature. Within the freezers the sample vials are kept in color-coded boxes (above).

National Center for Complementary and Alternative Medicine's clinical trial, the Ginkgo Evaluation of Memory Study. Faculty members also consult on viral repositories with federal government institutes, including the NHLBI, the National Institute of Diabetes and Digestive and Kidney Diseases, and the National Cancer Institute. In 2011, the LCBR was awarded close to \$10 million from the U.S. government.

Staff is responsible for all aspects of studies, from design through manuscript production. They participate in clinical studies, clinical trials, and epidemiology studies. Information about the lab and its studies, as well as links to faculty publications, can be found at www.med.uvm.edu/lcbr.

Medicine, while continuing to head the LCBR. During his tenure, he helped obtain federal funding to establish the MRI Center for Biomedical Imaging at UVM. He also played an integral role in developing the summer research program for first-year medical students. He left the dean's office only when time constraints forced him to choose between what he found to be two equally satisfying jobs; on reflection, he realized that he saw himself as more scientist than administrator.

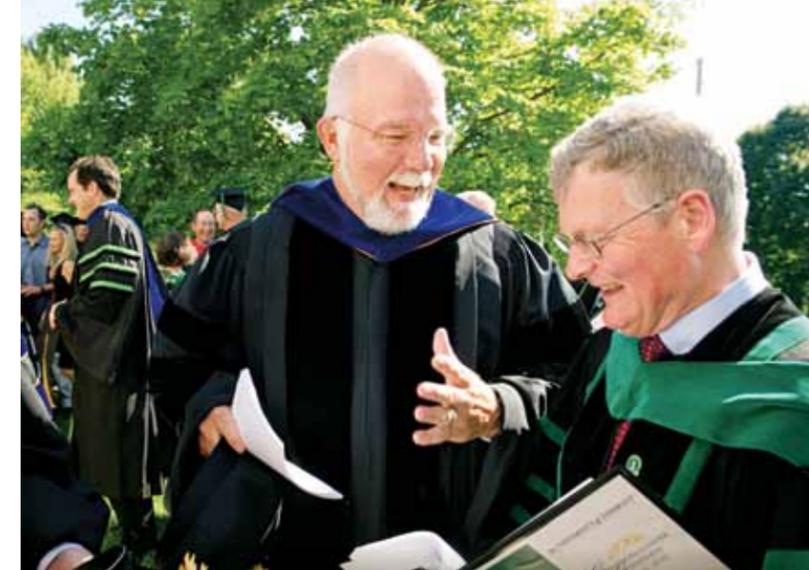
Leaving the administrative world to focus on the lab has hardly meant less work for Tracy. His publication credits number well into the 400s, and he is known for his phenomenally high h-index, the measure of the impact of a scientist's published work. He has received a variety of awards and appointments, including being named a University Scholar in 2009. He travels a great deal — often by train, if possible — mostly to the other locations in the multicenter studies his lab is part of. The ease of Skype notwithstanding, he still prefers face-to-face meetings because he's learned that the key to successful collaboration is trust, something that can only be established through sitting down with others, looking them in the eye, and talking and listening respectfully.

Tracy also conducts many grant reviews, which, like the philosopher he is, he compares to tornadoes in Oklahoma ("they're going to happen, so be aware of them").

Tracy spends what free time he has boating with Paula and hopes someday to write a novel — historical fiction with a medical twist, perhaps featuring John Snow, the father of epidemiology. He says he's enjoying "getting there," though at 62 he admits to feeling the pain of osteoarthritis when he plays handball and racquetball. He continues to find pleasure in mentoring others, encouraging students to teach and take on the "responsibility of making people understand something, which is a good skill to have." "He's very caring, and he has a tremendous amount of integrity," says Paula Tracy. "And I think, for a person in his position, he's incredibly honest — he will never tell you anything you want to hear just because you want to hear it. He will tell you, rather, what he believes you should know, and he never promises anything he can't deliver."

Mary Cushman, M.D., professor of medicine and pathology, was one of Tracy's earliest mentees. Though it's somewhat unusual for an M.D. to have a Ph.D. as a mentor, Cushman said it worked well, and that she now emulates Tracy's mentoring style with her own mentees.

"Russ's ability to be a mentor to me over the span of my career development, and to let me differentiate myself and become my own person as a scientist, without interference, is a really laudable trait," Cushman says. She adds that he promotes an environment in which the



Tracy with Dean Rick Morin at the College of Medicine commencement.

Russ has helped revolutionize thinking about coronary disease.

—Bruce Psaty, M.D., Ph.D., M.P.H.,
Professor of Medicine and Epidemiology
University of Washington

philosophy of "what goes around, comes around" is underscored by careful training of colleagues' students.

"Young people, in my experience, are dying to talk to experienced people," Tracy says. "They want to know how you got there, that their insecurities aren't unique in the world." He credits his mother with his confidence in his ability to accomplish things, which he, in turn, tried to instill in his own now-adult son and daughter. That confidence was active when he applied for his first epidemiology grant, in 1986. As he sat working at a typewriter, his boss passed by and asked what he was doing, observing that Tracy didn't know anything about epidemiology. Tracy shrugged.

"I figured I'd learn it."

Although Tracy is the first to admit that he has sometimes stumbled, he says that "not succeeding never really had an impact on the next choice. It's not just hard work," he adds, "but you can't get much of anything without hard work."

And a little play. [vrm](#)

WORLD RECORDS



Nicholas Wilkie '14 holds a version of the electronic health record for smartphones that he developed for Doctors Without Borders. He is standing in the College's Sullivan Classroom, where he heard the lecture by Bruce Leavitt, M.D.'81 that inspired the project.

WHEN DOCTORS GO BEYOND BORDERS, THEY LACK THE KIND OF VITAL ASSISTANCE GAINED FROM DETAILED PATIENT HEALTH RECORDS. UVM MEDICAL STUDENT NICK WILKIE IS TRYING TO CHANGE THAT SITUATION, ONE SMARTPHONE AT A TIME.

by **Jenny Blair, M.D.** | photographs by **Raj Chawla**

Imagine you're a physician with a disaster-relief group. You've bounced over bad roads to get to a remote cholera clinic, leaving behind Internet and cell-tower access. As you treat patient after patient, you keep careful medical records. But instead of using paper charts or a laptop, you stand at the bedside and touch the information into your shirt-pocket smartphone, the standard touch-screen-equipped mobile phone with advanced computing ability that is used by millions of people every day. Once in range, your phone (and those of your colleagues at other remote clinics) uploads these records to a central server, where the data may not only benefit your patients in the future, but also help decision-makers monitor the outbreak all over the region.

Thanks in part to UVM medical student Nicholas Wilkie, that scenario may soon be reality. As a volunteer with the humanitarian-aid organization Médecins Sans Frontières (MSF, also known as Doctors Without Borders), Wilkie is developing software that stores cholera patients' medical records on a smartphone. The organization plans to pilot the software in several months. "We're going to have phones on the ground in Africa," says Wilkie, who wants to train in emergency medicine and become a career physician with MSF. If all goes well, the program may be adapted for other diseases, and perhaps shared with other organizations that do disease surveillance.

The third-year student, who is also a veteran programmer, was inspired to write to MSF in June 2011, after hearing Professor of Surgery Bruce Leavitt, M.D.'81 present a Medical Reunion lecture to current students about his experiences with MSF in Nigeria and Sri Lanka. (Leavitt described his Sri Lanka experience in the Spring 2010 issue of *Vermont Medicine*.) In those field hospitals, Leavitt says, the patient's surgical record consisted of handwritten notes in manila folders. "At the end of the day, they'd pile them up in a room in a corner," he recalls.



Nicholas Wilkie '14 with classmates at their White Coat Ceremony.

After the talk, Wilkie asked Leavitt if electronic medical records on portable devices would have been useful in the field. "I said 'Of course! It's the wave of the future,'" Leavitt says. "There's no question that I think there could be benefits." He agreed to serve as an unofficial advisor to Wilkie.

Thus encouraged, Wilkie set out on some Internet research to find the right person to whom he could propose a project. He eventually found his way to Thang Dao, MSF's Switzerland-based director of information services. "The way I phrased it in my message was: 'I want to give doctors something they can use on the go,'" says Wilkie.

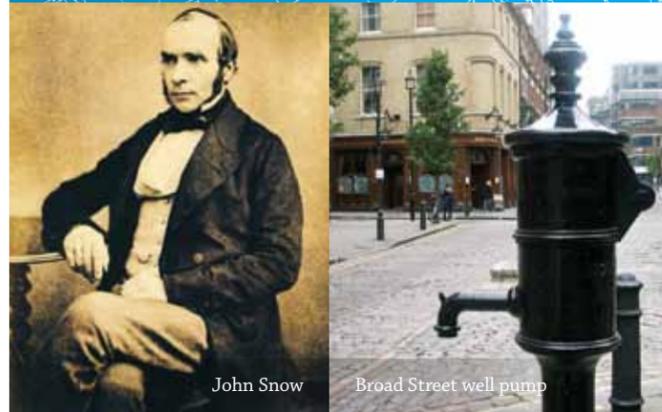
His timing was fortuitous, as MSF was in the process of changing how it manages patient information. For one thing, the organization is switching from simple spreadsheets to a freeware electronic health record (EHR) program called OpenMRS, which can easily be used and adapted by local hospitals. And MSF's hardware is changing, too. Its field doctors have long relied on laptops running Microsoft Excel, but when Wilkie's email arrived, the organization had just decided to outfit its doctors with Android smartphones, which are cheaper, lighter, and less power-hungry than full-fledged computers. Thanks to satellites and towers, it's easier to get them online. They're powerful enough to run real software. And they're ubiquitous, or nearly so.

So Dao suggested that Wilkie think about programming for smartphones, and Wilkie got to work. Soon he had written a crucial piece of software, one that gets central computers running OpenMRS and far-flung Androids to talk to each other. "It will send electronic health information in a cogent way to the server and record it the way that we want it to," Wilkie explains.

Dao was so impressed that he invited the student to meet with him and his colleagues in Geneva. There, they discussed adapting the design for doctors responding to cholera outbreaks. "We are one of the few organizations in the world that can deal on a large scale with cholera epidemics," said Dao. "What was missing for us was how to collect data quickly, and closest to the sources of contamination — which is to say in the villages."

"NICK IS ONE OF THOSE PEOPLE WHO CAN LAUNCH HIMSELF INTO VERY THICK SNOW AND MAKE A TRACK FOR US."

—Thang Dao
Director of Information Services
Médecins Sans Frontières



John Snow

Broad Street well pump

THE MEDICAL DATA TRADITION CONTINUES

When his smartphone electronic health record is put into use by Médecins Sans Frontières (Doctors Without Borders) in Haiti later this year, it will be the latest chapter in the use of scrupulous data collection to help combat the deadly disease of cholera.

Careful plotting of data to eliminate the source of a cholera outbreak has a long history in the medical tradition and, indeed, was a key occurrence in the development of epidemiology, the study of the distribution and patterns of health events.

It is London physician John Snow's collection of data during the 1854 outbreak of the disease in England's capital city that is most often cited as the beginning of modern epidemiology. Snow interviewed dozens of cholera victims and their families throughout the London's Soho district. By carefully plotting information about the daily habits of those who contracted cholera, Snow was able to plausibly argue that its source was one contaminated well on Soho's Broad Street. The well handle was removed, and the outbreak dwindled. Today, Snow's map (a detail of which is seen above) is considered by many to be the first great weapon in the war on cholera.



Wilkie demonstrates one of the screens that allows a physician in a remote area to enter patient information with the touch of a finger.

MSF also sent Wilkie to the mHealth conference in Washington, D.C., where he met and received advice from other software experts who work with MSF. "What Nick is doing is only part of a whole re-architecting of the way we're collecting data in our operations," said Dao. The pilot of Wilkie's software will help MSF weigh the feasibility of a large-scale switch from Windows laptops to Android pads and phones. "Nick is one of these people who can launch himself in very thick snow and make a track for us," says Dao.

Wilkie's software is built in part on simple concepts or "codes," says one of his UVM advisors, bioinformaticist Indra Neil Sarkar, Ph.D., M.L.I.S. (Wilkie is also being advised by Elizabeth Chen, Ph.D., who is associate director of biomedical informatics at UVM's Center for Clinical and Translational Science.) Though parts of any medical record can be in prose form, other components can be broken down into simple units called codes: date of birth, pregnancy status, and name of village, are just a few examples. Wilkie is well aware that his users will be tired, busy doctors. "I've been trying to make this all very simple and error-proof," he says. Rather than making them enter a birth year, for example, the program allows them to choose one from a sliding menu, which is easier to use on a smartphone interface.

Then, as the phones send records back to decision-makers using MSF's desktop computers, those codes make it far easier to aggregate the data and search within it for

clues and trends than it would be if the medical information was in narrative form. This helps leaders determine where to send extra doctors or pinpoint where disease outbreaks began. "It's almost like putting codes together to tell the story of a population," says Sarkar, adding that much of Wilkie's task has consisted of trying to figure out which codes will be appropriate in the field on a handheld device. Though using codes in this way is not a new concept in bioinformatics, he says, doing so in this setting is "really quite visionary."

UVM's Leavitt is also enthusiastic about the project and plans to discuss it with colleagues at this summer's MSF USA annual meeting. "For huge epidemics, when you're in a tent with hundreds of people with cholera, it's got to be better than having all these stacks of paper," he said, adding that for surgeons, an EMR could also allow them to store important before-and-after photos of patients' wounds, which are helpful at follow-up appointments.

Fitting in extensive travel with the ongoing rigors of full-time medical education has not been easy for Wilkie, but professors and administrators at the College of Medicine have gone out of their way to be flexible. He arranged to attend some classes via videoconferencing from Switzerland, while podcasting others and juggling his lab schedule around the Washington, D.C. trip. "Everyone here was so supportive about it," says Wilkie. And he's gotten a warm reception from faculty: "Any time I ask somebody to help me, they always go far beyond what I would have ever expected," he says. "I wouldn't have been able to do this at many other schools."

"Nick epitomizes what makes UVM and our medical school so special — that we care about real patients, real diseases, trying to solve the problems irrespective of money. It's trying to cure illnesses for a basic population," Sarkar says, adding that UVM graduates are encouraged to serve in rural environments.

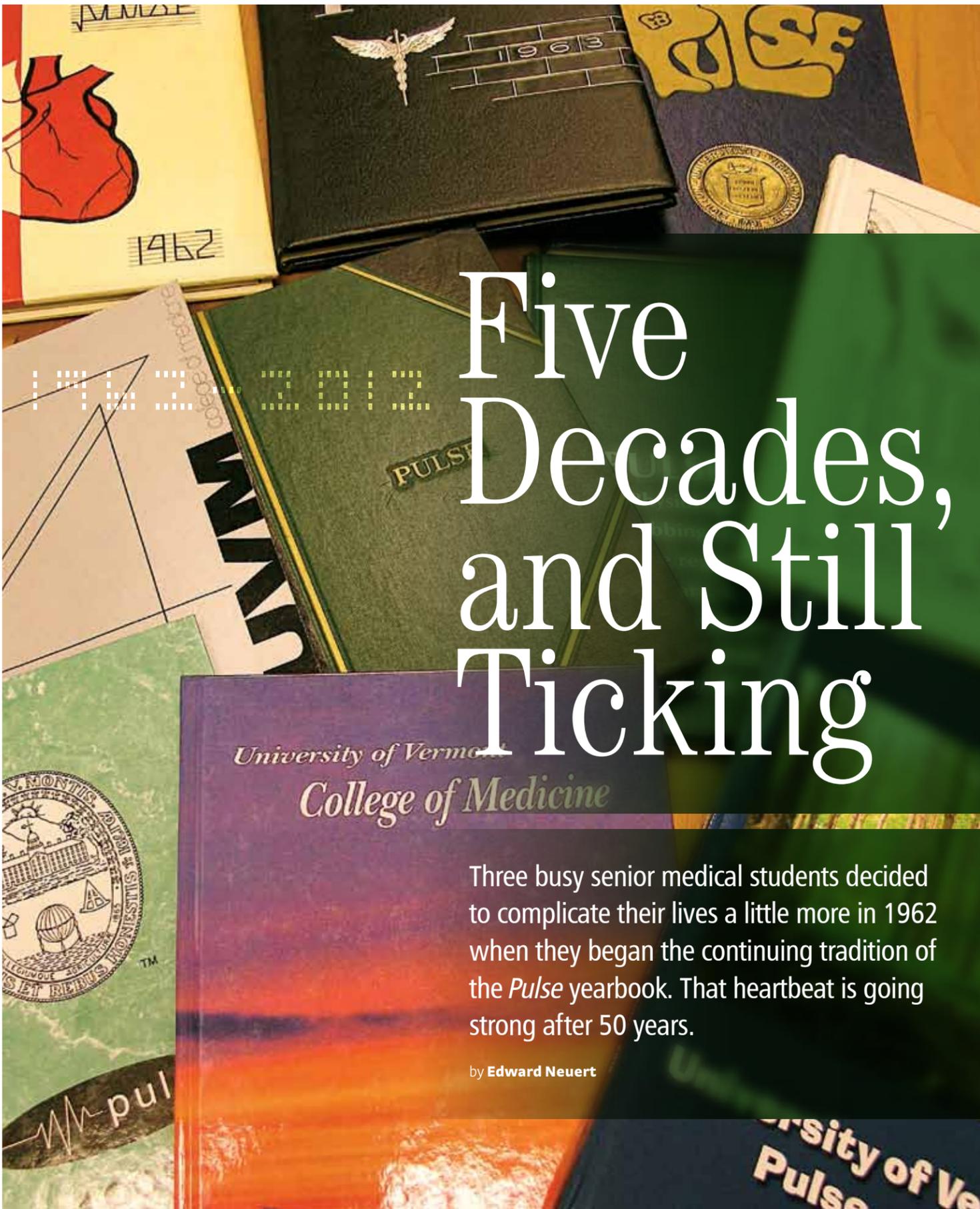
All Wilkie's programming has taken many, many hours, something no medical student has in abundance. Wilkie sometimes feels wistful about all his screen time. That's when he reminds himself that focusing on the big picture can save lives too. "Despite the fact that I'm sitting by myself at that moment," he says, "that time gets put into something that will hopefully benefit many more patients than I'm going to see in a long time." 

webXtra

You can see a more detailed demonstration by UVM medical student Nicholas Wilkie of some of the important pieces of his smartphone electronic health record.



Scan the QR code or go to: uvm.edu/medicine/vtmedicine



Five Decades, and Still Ticking

Three busy senior medical students decided to complicate their lives a little more in 1962 when they began the continuing tradition of the *Pulse* yearbook. That heartbeat is going strong after 50 years.

by Edward Neuert

“I was a little hesitant, frankly, because I knew what was going to be involved in doing this, and I already had a lot on my plate,” says Michael Grady, M.D.’62, as he sits in his Chestnut Hill, Mass., home. The retired pediatrician is recalling the moment in late 1961 when, talking with his two friends and classmates, Sherwin Ritter and Norman Schwartz, the idea suddenly came up: they should start a real yearbook for the College of Medicine, and Grady would be their “voice of experience.”

The years medical students spend at UVM remain treasured memories long afterward, which is reflected in their record support for their alma mater — the College of Medicine consistently ranks in the top three medical schools in the nation for percentage of alumni giving. Another facet in that reflection is the tradition that Grady, Ritter, and Schwartz as co-editors first inaugurated back in the early days of the 1960s: the *Pulse*, the student organized and staffed annual that celebrates its 50th anniversary this year.

Nationally, the yearbook is an institution in decline; the number of annuals produced in the U.S. is only about 40 percent of what it was 15 years ago. But despite the rise of the Internet, and the pervasiveness of Facebook, there is still something to be said for a memory book that won’t disappear with a crashed hard drive, or be inaccessible when CDs join 8-track tapes in the land of outmoded storage media.

In 1961, there was no Facebook (nor even, yet, a Mark Zuckerberg), nor was there yet computer-aided design and typesetting to speed the production of a publication. Making a yearbook meant doing everything by hand — from taking and developing photographs, to banging out copy in triplicate forms on a typewriter, to setting up the layout boards and mailing the whole lot off to a faraway printer. Michael Grady knew all too well what a time-consuming process it could be: four years earlier, he’d gone through the whole effort as the editor of his Boston College yearbook, the *Sub Turri*. Now, in addition to finishing their clinical studies and interviewing for internships and residencies, the three students would immerse themselves part-time in the graphic arts.

First, though, recalls retired orthopedic surgeon Sherwin Ritter, M.D.’62, there was the little matter of paying for it all. “It doesn’t seem like much now, but each copy cost fifteen dollars then, and we weren’t really sure how we were going to get it,” says Ritter. But Dean Robert Slater, M.D., was supportive, and the trio found a strong champion in A. Bradley Soule, M.D.’28, who was then chairman of the Department of Radiology



The senior editors of the 1962 *Pulse* meet with faculty advisor A. Bradley Soule, M.D.’28. Standing from left are: Joseph Guardino, Michael Grady, Sherwin Ritter, Daniel Palant, and Norman Schwartz.



The first issue of the *Pulse* showed a very different medical campus from today’s. Above center: a spread shows the then main College building (now Dewey Hall), the 1958-era Medical Alumni Building, and the early framework of the Given Building.

Take a trip down Memory Lane (even if they're someone else's memories) by flipping through the inaugural 1962 edition of the *Pulse* yearbook online.

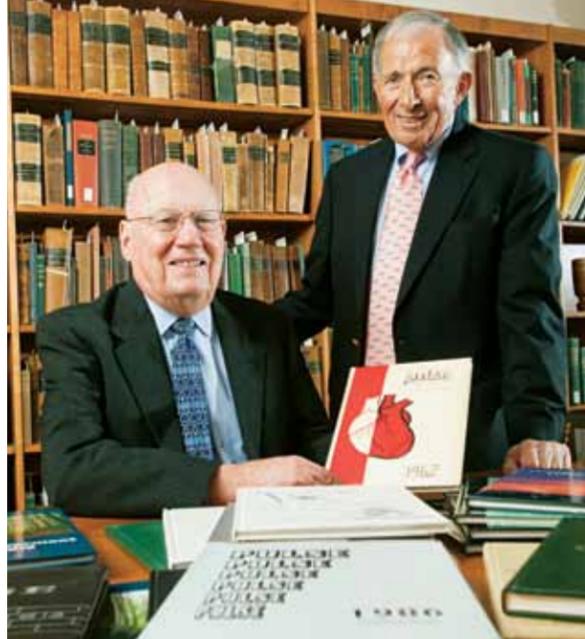
Go to: uvm.edu/medicine/vtmedicine

webXtra

and an influential voice within both the administration and the alumni community. Slater and Soule arranged for a special fee to be added to the tuition bill. "I can still hear a few people screaming bloody murder about it," remembers Ritter. "But we got the money we needed, and most students supported it." They also had a secret weapon in their fellow senior student, Joseph Guardino. "Joe had been in business before he came to med school," says Grady, recalling his late friend and classmate. "He was a great salesman. Once Joe got in the room with you, he wasn't going to leave before you'd agreed to buy an ad," says Grady. And buy them they did; flipping through the back pages of that first *Pulse* today, one is greeted by a host of gone-but-not-forgotten retail landmarks of the Burlington area, from Magram's department store to Valade's Terminal Restaurant and Cafeteria, and Winooski's Forest Hills Factory Outlet. One other member of the class of '62, Daniel Palant, rounded out the crew as faculty section editor.

After securing funding, what followed were several months of finding a book producer (they ultimately went with a printer from Texas), organizing and writing the book's text, and taking candid photos, group shots, and individual studio portraits of all four classes of medical students. The "studio" was the kitchen of Ritter's apartment on Loomis Street. "I hung up a sheet and got an old folding camera with a leather bellows. I took every portrait and, indeed, almost every other shot in the book with that old thing."

Some of those shots were straightforward depictions of the life on campus at the old College of Medicine building at the corner of Pearl and Prospect Streets and at the new Medical Alumni Building situated next to where the Given Building would soon rise. More photos were taken where medical students were then clinically educated — the Mary Fletcher and Bishop DeGoesbriand



Class of 1962 members Michael Grady, M.D. (at left) and Sherwin Ritter, M.D., the two surviving founding co-editors of the first *Pulse*, look over a selection of issues from across the past five decades in the medical history room of the Dana Medical Library during Reunion 2012.

hospitals. Some shots were more complicated, including a photo of the façade of Mary Fletcher Hospital with lit windows in the shape of the numerals 1-9-6-2. Today, a designer could use PhotoShop to achieve that effect in five minutes. Fifty years ago, it was mostly accomplished by a crew of switch-flicking students running through the hospital corridors a few minutes after dusk and explaining to many patients that they would be sitting in the twilight for a few minutes.

The three co-editors dedicated the first yearbook to the people of Vermont, and they secured a dedicatory letter from then Governor F. Ray Keyser, Jr. "Things were a lot simpler back then," says Grady. "We called up the governor's office, asked if we could come see him, and they told us, sure, come on down."

After all their hard work, Grady, Ritter, and Schwartz's excitement was high in late spring of '62 when cartons filled with the new publications arrived at the College. But, to their collective horror, a printing error had saturated every photo with ink. "Everything was just a murky blob," recalls Ritter. Luckily, the printer agreed to make good, and a new, corrected print run arrived in time for distribution before graduation, which in those days occurred in mid-June.

In the five decades since, in changing graphic styles as the years have unrolled, the *Pulse* has recorded the yearly changes of the heart of the College: its students. And it is that bonding of students and alma mater that Sherwin Ritter recalls most strongly today: "They were four years of memorable experiences and associations with classmates and medical school faculty," he says. "Memories and values that have been with me for all my years in post-graduate training and throughout my years of practice." 

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HALL A



In 1905, when the College of Medicine completed its third home at the corner of Prospect and Pearl streets in Burlington, the main lecture room was named Hall A. For the next 63 years, students such as the members of 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 renovated 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

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I've been around the UVM campus long enough to have seen many of the regular cycles of academic medical center life — the new faces of first-year medical students each August, for instance, or the sending off of graduates to their residency programs each May. So I shouldn't be surprised to find yet another cycle reaching its end, this time one that involves me. I can't believe that my two years as Medical Alumni Association president have passed so quickly, but I can look back on this term with fond memories of all the fellow alumni I've met and with whom I've interacted.

Two years ago, in my first President's Corner letter, I expressed my hope that we would grow the regional presence of the MAA for alumni outside Vermont. We've seen that alumni across New England have responded well to our receptions in Boston and most recently at our clinical teaching partner, Danbury Hospital in Connecticut. One of the things my fellow alumni learn at these meetings is what a broad clinical experience current students have available to them. At any moment, there are now dozens of third-year medical students learning in clinics in Vermont, Maine, Connecticut, and in West Palm Beach, where they are exposed to an even greater range of patients and medical conditions than ever before.

Here on campus, those students are prepared for their clinical rotations with, among other tools, absolutely top-tier simulation experiences in our Clinical Simulation Laboratory. One of my most memorable experiences from the latest reunion (my 35th!) was being present as my fellow Class of '77 members, who donated the first simulation mannequin to the College of Medicine ten years ago, toured the new Sim Lab, and saw first-hand how their act of engagement with their alma mater had planted a seed that grew into a vital new part of every current medical student's experience. As good as our time here as students was, it's important to keep in mind that we alumni can always work to make it even better for those future physicians who follow us.

Now it's time to pass the baton to the next occupant of this office, my good friend and fellow faculty member Mark Pasanen, M.D.'92. I've known Mark for many years, both on campus and through his longstanding efforts on the Medical Alumni Executive Committee. I know that he shares my love for this special place, and the deep appreciation for the students he teaches and guides nearly every day in his clinical practice. I wish Mark all the best as he begins his term leading the MAA.

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

Director, Annual Giving
Sarah Keblin

Senior Director, Major Gifts
Manon O'Connor

Director, Medical Alumni Relations
Cristin Gildea

Director, Administration
Ginger Lubkowitz

Assistant Director, Annual and Major Gifts
James Gilbert

Assistants
Jane Aspinall
Trish Hartigan

UNIVERSITY OF VERMONT MEDICAL ALUMNI ASSOCIATION

ALUMNI EXECUTIVE COMMITTEE

Officers (Two-Year Terms)

President
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.

M.D. Class Notes

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

1943

REUNION '13

Francis Arnold Caccavo
(M.D. Dec. 1943)
51 Thibault Parkway
Burlington, VT 05401
(802) 862-3841
drac@verizon.net

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

1944

Wilton W. Covey
357 Weybridge Street
Middlebury, VT 05753
(802) 388-1555

1945

Robert E. O'Brien
414 Thayer Beach Road
Colchester, VT 05446
(802) 862-0394
drreobrien@aol.com

H. Gordon Page
9 East Terrace
South Burlington, VT 05403
(802) 864-7086

1946

Please email medalumni.relations@uvm.edu if you'd like to serve as 1946 class agent.

1947

Please email medalumni.relations@uvm.edu if you'd like to serve as 1947 class agent.

Thomas Holcomb writes: "Other than emergency surgery for a leaking abdominal aortic aneurysm during Christmas week, everything pretty much routine!"

Andy Duback, UVM Med Photo

1948

REUNION '13

S. James Baum
1790 Fairfield Beach Road
Fairfield, CT 06430
(203) 255-1013
baum@optonline.net

1949

Joseph C. Foley
32 Fairmount Street
Burlington, VT 05401
(802) 862-0040
jcfoley@adelphia.net

Edward S. Sherwood
24 Worthley Road
Topsham, VT 05076
(802) 439-5816
lois@vermontel.net

1950

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

1951

Edward W. Jenkins
7460 South Pittsburg Ave.
Tulsa, OK 74136
(918) 492-7960
DrEWJmd@aol.com

1952

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

Theodore H. Goldberg is "Now retired after 51 years of practice. I still do some teaching of third-year medical students. My wife, June, and I are living in Manhattan and are staying quite active."

Upcoming Events

September 20, 2012

Graduate Student Research Day
UVM Campus

October 1, 2012

Reception at American College of Surgeons
National Conference
Chicago, Ill.

October 6, 2012

Fall Alumni Executive Committee Meeting
UVM Campus

October 18, 2012

Reception at American Academy of
Family Physicians
Philadelphia, Pa.

October 20, 2012

9:00 a.m.
White Coat Ceremony
Ira Allen Chapel

12:30 p.m.

Family Open House
UVM Campus

October 20, 2012

Reception at American Academy of Pediatrics
National Conference
New Orleans

November 27, 2012

Reception at Radiological Assoc. of North America
Chicago, Ill.

March 14, 2013

Match Day Eve, 4th Year Dinner
Davis Student Center

March 15, 2013

Noon
Match Day
UVM Campus — Hoehl Gallery

April 12, 2013

Reception at American College of Physicians
San Francisco, Calif.

FOR UPDATES ON EVENTS SEE:
www.med.uvm.edu/alumni



1953

REUNION '13

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

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

1957

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



55th Reunion
JUNE 2012

Class of 1957

Larry Coletti wrote to say that he was "Looking forward to the Reunion of the class of 1957," which he and several members of his class attended in June.

1958

REUNION '13

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
P.O. Box 772
Waverly, PA 18471
(570) 563-2215
melliemar@aol.com

Robert C. Parker reports: "Amanda and I are enjoying retirement here in Indiana, Penn. Our four children (three are UVM graduates) and nine grandchildren are scattered from Virginia to California."

1961

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

John Mesch writes: "Our 50th Reunion memories linger on, and the revisiting of the many good parts of our Medical School days helped bring back the many good qualities of those valued times."

1962

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

Don Miller reports: "Peg and I have attended every reunion since 1972 and I am ecstatic about seeing some of you for the first time in 50 years!"



50th Reunion
JUNE 2012

CLASS OF 1962

Development News

Beers Scholarship Fund Grows

The late Mark Beers, M.D.'82, cared deeply about his patients, about scholarship, and about the school where his medical career began. An internationally recognized geriatrician, Dr. Beers dedicated his career to improving the health care of older people.

He developed the reference for geriatric medication prescription that is now universally known as the Beers Criteria, and co-edited the Merck Manual for Geriatrics. At the time of his death in 2009, from complications of type 1 diabetes, he was editor-in-chief emeritus of the Merck Manuals and a professor at the University of Miami's Miller School of Medicine. He was intensely loyal to the College of Medicine — the only medical school in the country that would admit him in 1978 with his medical condition. To honor that bond, Dr. Beers instituted the Beers Scholarship Fund; this year, his surviving spouse and partner of 33 years, Stephen Urice, committed an additional contribution to the Beers fund of \$30,000 in honor of the Class of 1982 30th Reunion.



Mark Beers, M.D.'82

Charitable Giving Annuity Funds Mackay-Page Chair

Perhaps the most longstanding alumnus to be regularly seen on the UVM campus today is H. Gordon "Gordie" Page, M.D.'45

An emeritus professor of surgery, Page regularly attends grand rounds and other department functions, and is a yearly participant at medical reunion, where he shares memories with both his classmates and medical students who learned surgery from him for more than five decades. A faithful supporter of the College of Medicine, Dr. Page has in the past established the H. Gordon Page Award in Surgery, the Albert G. Mackay, M.D.'32 and H. Gordon Page, M.D.'45 Surgery Lectureship, and the Mackay-Page Chair in Surgery, currently held by James Hebert, M.D.'77. This summer, Page established a charitable giving annuity that assures the perpetual funding of the Mackay-Page Chair. "Gordie Page has been my teacher and mentor," says Dr. Hebert. "He has set a clear example of one generation taking care of the next, and I am proud to occupy the chair that bears his name, and the name of his mentor, Dr. Mackay."



H. Gordon "Gordie" Page, M.D.'45 at UVM Medical Reunion.



The UVM College of Medicine Marathon Team members in Burlington's Battery Park on the morning of race day.

College of Medicine Marathon Team Raises Funds for Cancer Survivors

On May 27, 2012, nearly 100 members of the College of Medicine Marathon Team joined more than 7,000 total participants to run in the Keybank Vermont City Marathon in Burlington. Along with teams from Fletcher Allen Health Care and the Vermont Cancer Center, the College of Medicine team raised funds and awareness for Steps to Wellness, a medically based rehabilitation program that serves the unique needs of cancer survivors. Steps to Wellness uses a strength and endurance training regimen to help cancer survivors get back on track. The Steps to Wellness program and the marathon teams are a natural fit; both endure physical and emotional challenges, and both prove that having a team can make all the difference. The marathon team was organized by Class of 2015 medical students Benjamin Clements, Amanda Dauten, and Marisa Liu, and raised nearly \$30,000.

Reunion Giving 2012

The Celebration of Achievements at Reunion 2012 was an occasion to herald the accomplishments of alumni from across 50 years. It also served as a venue to highlight the collective generosity of all those classes. Ruth Seeler, M.D.'62, past Medical Alumni Association president, presented Dean Rick Morin with a check for \$339,057 that will help increase funding for student scholarship and medical education for today's aspiring physicians and scientists at the College.



Ruth Seeler, M.D.'62 presents the reunion giving check to Dean Rick Morin.

2012 Medical Alumni Association Awards

The Medical Alumni Association of the College of Medicine has, for four decades, honored the accomplishments of its members for their work caring for patients, creating new advances in the laboratory, and contributing to their communities. The 2012 awardees received their honors at the Celebration of Achievements during Reunion 2012 on June 8.

A. Bradley Soule Award: Presented to an alumnus/a whose loyalty and dedication to the College of Medicine most emulate those qualities as found in its first recipient, A. Bradley Soule, M.D.'28.

Distinguished Academic Achievement Award: Presented to alumni in recognition of outstanding scientific or academic achievement.

Service to Medicine and Community Award: Presented to alumni who have maintained a high standard of medical service and who have achieved an outstanding record of community service or assumed other significant responsibilities not directly related to medical practice.

Early Achievement Award: Presented to alumni who have graduated within the past 15 years in recognition of their outstanding community or College service and/or scientific or academic achievement.

DISTINGUISHED ACADEMIC ACHIEVEMENT AWARDS



Susan E. Coffin, M.D.'87

Associate Professor of Pediatrics, Children's Hospital of Philadelphia and University of Pennsylvania School of Medicine Hospital; Epidemiologist and Medical Director, Department of Infection Prevention and Control, Children's Hospital of Philadelphia.

Dr. Coffin is actively engaged in the clinical care of children with infections, teaching of medical students and residents, and hospital administration. She has made important research contributions to the understanding of the epidemiology of nosocomial pediatric infections, and has worked on infectious diseases prevention projects in healthcare and community settings in Botswana and Ghana. Coffin's interests include: pediatrics, infectious diseases, public health, vaccines and vaccine-preventable diseases, infection control and healthcare-acquired infections, and quality improvement.



Mary J. Hamel, M.D.'92

Medical Epidemiologist, Malaria Branch, U.S. Centers for Disease Control and Prevention.

Dr. Hamel is a medical epidemiologist with the U.S. Centers for Disease Control and Prevention and Senior Malaria Advisor for the President's Malaria Initiative. She has extensive field experience and expertise in

malaria epidemiology and is a principal investigator for a phase 3 clinical trial of a new malaria vaccine that shows promise of reducing the incidence of malaria in children in sub-Saharan Africa by some 50 percent. The study was cited as one of *Time* magazine's Top 10 Medical Breakthroughs of 2011. She has worked in western Kenya and other African countries on malaria control and child survival projects since 1995, and served as the Malaria Branch Chief at KEMRI/CDC Research and Public Health Collaboration, posted in western Kenya from 2004 to 2010.



Mylan C. Cohen, M.D.'87, M.P.H.

Medical Director, Non-invasive Cardiology, Cardiology Division, Maine Medical Center.

Dr. Cohen trained in internal medicine at New England Deaconess Hospital in Boston, where he completed clinical and research fellowship training in cardiology, and was chief of the Nuclear Cardiology Section at Beth Israel Deaconess Medical Center. He is a clinical professor of medicine at Tufts University School of Medicine. He specializes in clinical cardiology and cardiovascular imaging, including echocardiography and nuclear cardiology. Cohen is a past president of the American Society of Nuclear Cardiology and has special interests in diabetes, peripheral vascular disease, valvular heart disease, and preoperative cardiac risk assessment.



Mary E. Maloney, M.D.'77

Chief, Division of Dermatology, Professor of Medicine, and Director of Dermatologic Surgery, University of Massachusetts Medical School.

Dr. Maloney is currently the chief of the division of dermatology at UMass Memorial Healthcare. She is the author of

The Dermatologic Surgical Suite: Design and Materials and has edited two textbooks, *Cutaneous Oncology* and *Surgical Dermatopathology*. She is a past president of the Association of Academic Dermatologic Surgery and past secretary of the American Society of Dermatologic Surgery. In 1999, she chaired both the Council on Education and the Scientific Assembly Council for the American Academy of Dermatology, with responsibility for the education and management of the largest dermatological scientific session in the world. Maloney has also served on the board of directors of the American Academy of Dermatology.

A. BRADLEY SOULE AWARD



Carleton R. Haines, M.D.'43

Emeritus Associate Professor of Surgery, UVM; Retired surgeon, Fletcher Allen Health Care

During his career, Dr. Haines served as director of the Tumor Registry for the Medical Center Hospital of Vermont and as director of Cancer Control for the State of Vermont Department of Health. In honor of his roles as a clinical investigator, teacher, and superb clinician, Haines received the Service to Medicine & Community Award in 1994. He has served on medical reunion committees in the past and is currently involved as a class agent. As part of a large legacy family, Haines counts his son Peter, M.D.'79, his brother Gerald, M.D.'44 (who received the Soule award in 1990), and his nephew (Gerald's son) Stephen, M.D.'75 (who received the Academic Achievement award in 2010) among his fellow alumni. In 2005, the Haines family celebrated the many connections between the

College and their family by naming the Haines Family Room in the Medical Education Center. Haines continues his involvement with the College to this day as an engaged member of the Medical Alumni Association's Executive Council since 2004.

SERVICE TO MEDICINE & COMMUNITY AWARDS



Lisbet M. Hanson, M.D.'82

Gynecologist and Obstetrician, Virginia Beach, Virginia.

Dr. Hanson is a senior partner at Virginia Beach Obstetrics and Gynecology in Virginia Beach, Va.. She has been serving the Virginia Beach community for 24 years and has helped establish a unique practice model for professional women delivering women's care. With her husband, John G. Kenerson, M.D.'77, Hanson has devoted generous volunteer service to *Colleagues in Care* (CIC), a global health network of doctors, nurses, and other medical personnel and partners providing quality health care services throughout Haiti. Hanson's work within the (CIC) has focused on initiating OB GYN ultrasound training for obstetricians and nurse midwives. In 2009, Hanson, and her husband were jointly honored as co-recipients of the Medical Society of Virginia Salute to International Service Award.



John G. Kenerson, M.D.'77

Cardiologist, Cardiovascular Associates, Virginia Beach, Virginia.

Dr. Kenerson is a cardiologist and founding partner of Cardiovascular Associates in Virginia Beach, Va. He has dedicated his career to developing tertiary level cardiology programs serving the Virginia Beach community. With his wife, Lisbet M. Hanson, M.D.'82, they created *Colleagues in Care* (CIC), a global health network of doctors, nurses, and other medical personnel and partners providing quality health care services throughout Haiti. In 2009, Kenerson and Hanson were jointly honored by the Medical Society of Virginia with the Salute to International Service Award. In addition, Kenerson received the Kreuger Lectureship Virginia Beach Physician of the Year Award in recognition of medical and community service in 2009.



Arthur S. Kunin, M.D.'52

Professor Emeritus of Medicine, University of Vermont College of Medicine.

Dr. Kunin is a pioneering nephrologist, a superb role model, and one of the first full-time faculty members in the department of medicine at UVM. He is held in high esteem at the College for his demonstrated devotion for 35-plus years (1957-1992) in various roles as a professor, researcher, and faculty member. Kunin is a World War II veteran who received the Purple Heart for wounds suffered just before the Battle of the Bulge and the Bronze Star medal for heroic achievement as a volunteer litter-bearer on the front lines. In 1990, he helped organize a sister-state relationship between Vermont and the Russian Republic of Karelia, and traveled to Russia for two years, helping UVM faculty who volunteered to teach at Petrozavodsk University. He has deep family roots in Vermont as well as a decades-long record of involvement in public life and community service. Even in retirement, he continues to broaden his knowledge by contributing his efforts to UVM's holocaust studies, music and history departments.

EARLY ACHIEVEMENT AWARD



Kristin M. Page-Chartrand, M.D.'02

Medical Instructor, Department of Pediatrics, Duke University School of Medicine.

Dr. Page-Chartrand is a board certified pediatric hematologist-oncologist at Duke University Medical Center. She has additional specialized training in the field of pediatric bone marrow transplant and devotes her clinical time to treating children with life-threatening diseases, such as resistant malignancies, inherited metabolic diseases and immunodeficiencies. Her clinical research focuses on assessing potency of umbilical cord blood units used for hematopoietic stem cell transplantation with the ultimate goal of improving outcomes after this potentially life-saving procedure.



2013 Nominations...

Send your nominations for the 2013 awards at: med.uvm.edu/alumni.

Dan Palant wrote that “Barbara and I are very much looking forward to seeing you all in Burlington at our 50th.” Dan and Barbara joined many of the members of the 50th reunion class in June.

Neil F. Mara is “Retired, splitting time between Naples, Fla., and Groton Long Point, Conn.”

1963

REUNION '13

John J. Murray
P.O. Box 607
Colchester, VT 05446
(802) 865-9390
jckjmurray@aol.com

H. Alan Walker
229 Champlain Drive
Plattsburgh, NY 12901
(518) 561-8991

J. Donald Capra writes that he is “Enjoying ‘retirement’ as a biomedical consultant.”

1964

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

1965

George A. Little
97 Quechee Road
Hartland, VT 05048
(802) 436-2138
george.a.little@dartmouth.edu



40th Reunion
JUNE 2012

CLASS OF 1972



45th Reunion
JUNE 2012

CLASS OF 1967

Joseph H. Vargas III
574 US Route 4 East
Rutland, VT 05701
(802) 775-4671
jvargasmd@aol.com

Sharon Lee Hostler is “Still working as senior associate dean of the School of Medicine and Vice Provost of the University of Virginia, creating leadership programs for faculty, chairs and deans across all 11 schools — great fun to work with brilliant, creative men and women from all disciplines. Next year, will make Spring Voyage with Semester-At-Sea with 650 undergraduates, 70 lifelong learners, 30 faculty and 200 staff/crew as Academic Dean — a circumnavigation! Please join us — 106 days and 15 ports of call in Pacific, Asia, India, Africa.”

Wooly Doane reports that he is “Retired and spending time between homes in Maine and Florida, as a member of the PGA (Pathetic Golf Association). Pat and I celebrated 50 years of marriage this year.”

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

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

1968

REUNION '13

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

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

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

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

1973

REUNION '13

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

Edward Blanchette writes: “After 25 years as the clinical director for the Connecticut Department of Correction & Infectious Disease (I was a consultant heading the HIV and Hepatitis C programs) I am now working for the State of Rhode Island. Lyn and I are both healthy and expecting our third grandchild — in London, UK.”

1975

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

Jim Cummins reports that he has “Just moved to the sunny South!”

1976

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

Marga Sproul writes: “Our older son, Adrian, (born during our senior year) is graduating from Medical University of South Carolina with M.D./Ph.D. this May. He will do a residency in anesthesiology at UNC. Our younger son, Daniel, is a computer programmer at Harmonix, a video game company in Cambridge, Mass. He earned credits for his work on Rock Band 3. Marga is studying English Literature at UVM while continuing part time practice of Family Medicine. Glenn retired after 41 years of teaching college math. It was a great joy to see classmates at our reunion last June!”

Peter Wilk reports that he is “Back living in Maine, rebuilding my psychiatry practice in Portland after three years as

Continuing Medical Education

2012 Conference Schedule

Jeffords Quality Care Symposium
September 28
Burlington, 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.

Bridging the Divide: Conference Fostering Collaboration Among Primary Care, Mental Health, Substance Abuse, and Behavioral Health
November 7, 2012
Burlington, Vt.

FOR INFORMATION CONTACT:

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

executive director of Physicians for Social Responsibility in Washington. I’m still doing my part as a volunteer advocate for PSR to preserve this fragile world of ours. Thanks to all other UVM alumni who help support that effort.”

1977

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

Michael A. Galica writes: “While I will be unable to attend our 35th Reunion, it has given me pause to reflect on my life in general and in medicine in particular. I wish I had been able to stay in closer touch with so many of our classmates over the years but I realize that life moves us along making new friendships as we go. Family and work responsibilities make it difficult to reach back. However, I continue to enjoy reading about our classmates’ successes and milestones as reported in “Hall A.” My memories of UVM and what I learned from teachers, classmates and patients remain fresh and strong. We were the beneficiaries of a great clinical and ethical education which is the foundation on which I have tried to base my practice of medicine. Personally, I have been extremely fortunate: Christine and I have been married for 35 years. We



35th Reunion
JUNE 2012

CLASS OF 1977

have three adult children — my daughter is a med-peds, my older son is pursuing a career in medicine, and my younger son is pursuing a career in law. I practice internal medicine and geriatrics with three internists in affiliation with UMass.”

Rick Wild reports: “Have been in Atlanta for the last ten 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 CMS 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, Florida, to Northern Kentucky and all states east of the Mississippi River to the Outer Banks of North Carolina. 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 '77 members. 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 Allan Freedman, who is practicing oncology in the Atlanta suburbs. My only complaint about Atlanta is that the winters are beginning to seem too cold! (No kidding — must be getting old!)"

Allan Freedman writes: "There is always a strong pull to return to UVM every five years. I don't think I've missed any Class of 1977 dinners since graduation. Still, I barely recognize the College and hospital from the point of view of the physical plant, the curriculum and the costs. I was truly blessed to attend UVM in my era. The skills have stayed with me to this day in my daily practice of hematology-oncology in the Atlanta area. Even though we may not keep in close contact, we are forever linked by those shared experiences. I look forward to seeing many of my classmates in June."

Ruth Kennedy Grant reports: "My career path has not turned out the way I planned, but I have lived an interesting life in ways unimagined. Ten years ago, at the last reunion I attended, I was filled with enthusiasm about my new job at Howard Mental Health. This followed

five years in my own practice, where I had intended to be all things medical to the populace of Vergennes while raising two children. After my partner split I became the physician at Middlebury College for 14 years, until that job was replaced by a primarily sports medicine position. Following a year of substituting in Fletcher Allen I.M. practices, I embarked on the new journey into the realm of psychiatry, as an internist filling a psychiatric nurse practitioner position. Much to my bitter disappointment, the position at Howard was eliminated after a few months and with atrophic admitting skills in the pre-hospitalist era in Vermont, I ended up working as a medical reviewer at Larry Weed's company, Problem Knowledge Couplers (PKC). Several months ago I was part of a "reduction in force" there and, after a stint doing disability exams, declared myself retired when I became of a certain age in December. My youngest son having childhood-onset schizophrenia played in, as did the condition of my 94-year-old mother who lives nearby, in addition to my own health problems, which include being a breast cancer survivor. When I said to my cancer surgeon "so much for a good healthy diet and plenty of aerobic exercise," he replied: 'Oh no — You are a much better operative candidate because of it,' so I guess all the pavement pounding was worth something. I am well underway with my retirement plan to do as much as possible to help people suffering from serious mental illnesses and their families. I have been involved in NAMI VT, the VT State Hospital Advisory Committee, and other efforts at the state level for the past several years, but I am doing considerably more volunteer work for that cause now. Being a physician serves me well in the "mental health" arena. If I had it to do over again I'd be a psychiatrist, but even ten years ago decided I was too old for another residency! The wonderful wife of my son the lawyer and mother of our granddaughter, who is now an ophthalmology resident in Tucson, credits me with influencing her decision to attend the UVM College of Medicine, so I like to believe Win when he says I have been a 'trailblazer' despite my personal disappointments. Win and I have remained happily married throughout it all."

Sam Broaddus reports that, unfortunately, he "Will not be attending Medical Reunion. Am taking my mother to her 70th college reunion that weekend! Best to all."

1978

REUNION '13

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

Michael Hermans says that there is a "Big year coming up. I soon turn 60. Hope to attend reunion in 2013."

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

Robert M. Kershner reports: "I am pleased to announce that in February 2012, the District Board of Trustees of Palm Beach State College in Palm Beach Gardens, Florida, unanimously awarded Robert M. Kershner, M.D. ('80), M.S. ('77), F.A.C.S. Continuing Faculty Contract, the equivalent of tenure as a full professor. I am an ophthalmologist, and have taught at Palm Beach State College for five years, first as an Adjunct Professor and then as a Professor of Anatomy, Physiology and Microbiology. This year I was designated as the Chairman of the new Department of Ophthalmic Medical Technology and am responsible for the building of the department and the development of a two-year Associate in Science Degree Program in Ophthalmic Medical Technology that will train and certify Ophthalmic Assistants, Technicians, and Technologists."

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

Diane Ripa
drippa82@gmail.com

Jamie Gagan wrote to say how much she was anticipating seeing classmates at this year's reunion, "Still working full time E.D., recently divorced, with a 17-year-old late-bloomer daughter thinking of becoming a forensic pathologist (her idea...). Fortunately, my mom moved to Florida a few years ago for my beach fix."

Isaac Kaplan wrote that he was sorry not to be able to make it to his recent reunion, "as it conflicts with school schedules. Theresa (19) is a sophomore at Barnard. Jay (17) is a junior in CPS, a think tank high school in Oakland. I am still at Kaiser — king of interventional radiology in Vallejo. Sandy still doing AIDS surveillance in S.E. and training people in Kenya."

Ira Bernstein was recently named the John Van Sicklen Maeck Chair of the Department of Obstetrics, Gynecology, and Reproductive Sciences at UVM, and physician leader of the Fletcher Allen Women's Health Care Service. (See page 3 for more details.)

1983

REUNION '13

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
Suzu Frisch
sgfrisch@aol.com

1986

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

1987

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

1988

REUNION '13

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@rmyclinics.org



Eric Shapiro is "Managing Partner in an orthopaedic surgery group in Boca Raton, Fla. Last child graduating from H.S. — will be empty nester next year. If anyone comes to my area, call!"

David Park has been named the American Thoracic Society Outstanding Educator for 2012.

1989

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

Catherine "Kitty" Cantwell is "Still in a busy practice in Canandaigua, N.Y. My husband and I have three kids in college this year but that will expand to five kids in college next year. Needless to say there is no retirement in sight!"

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

Mary Harkins Becker is practicing emergency medicine and hospice care in Portland, Maine.

1992

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



Jennifer Woodson writes: "We are enjoying life in San Diego, Calif. Peter continues to work as an E.D. doc for the Navy. I plan to return to work in the fall because I am "the college fund!" Our oldest graduates from high school in June and the graduation festivities conflict with the UVM reunion, so have a great time catching up. We plan to attend Peter's 25th at Dartmouth in September and hope to make it to UVM next time around!"

1993

REUNION '13

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

Brad Watson
rbradwatson@yahoo.com

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



10th Reunion
JUNE 2012

CLASS OF 2002

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

1997

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

Steven Battaglia has been named chief design coordinator for "Smile, Inc.," a subsidiary of Johnson & Johnson specializing in cosmetic dentistry products.

Julie Smail says hello to all her class members. "Can't believe it, but Dave and I will be missing the reunion. Hate to miss it and hope you all have a blast. We definitely will be at the 20th! Best wishes to you all!"

1998

REUNION '13

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

Christa Zehle has been named the UVM College of Medicine's associate dean for student affairs. (See page 4 for details.)

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

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
joelkeenan@hotmail.com

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

2002

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

Kerry Lee Landry
(919) 732-9876
klandry@developingmindsnc.com

Mary O'Leary Ready
readcamp@gmail.com

Maureen C. Sarle
maureensarle@yahoo.com

2003

REUNION '13

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

Scott Goodrich
309 Barben Avenue
Watertown, NY 13601
scott.goodrich1@yahoo.com

2004

Jillian S. Sullivan
jilliangeider@hotmail.com

Steven D. Lefebvre
fabulous5lefebvre@hotmail.com

2005

Julie A. Alosi
julie.alosi@vtmednet.org

Richard J. Parent
richparent@gmail.com

2006

William C. Eward
101 Wood Valley Corner
Durham, NC 27713
eward002@mc.duke.edu

Deborah Rabinowitz Abrams
58 Chelsea Place
Williston, VT 05495
Deborah.rabinowitzabrams@gmail.com

2007

Allison Collen
acollen15@gmail.com

Scot Millay
Scot.Millay@bhs.org

Anne Coates
acoates67@gmail.com

2008

REUNION '13

Mark Hunter
21 Lindenwood Drive
South Burlington, VT 05403
Mark.hunter@mac.com

Alyssa Wittenberg
1800 N. Normandie Ave. #303
Los Angeles, CA 90027
alyssa.wittenberg@gmail.com

Ashley Zucker
2209 Albany Street
Durham, NC 27705



New Class of 2012 class agents Martha Choate, Auna Leatham, Meghan Beucher, and Melissa Marotta.

2009

Rebecca Brakeley
rebeccabrakeley@gmail.com

Kate Murray Mitchell
kmitchell12@cha-ma.com

Campbell Stewart
campbell.stewart@gmail.com

2010

Michael Alavian
michael_alavian@yahoo.com

Pei Chen
justpei8448@gmail.com

Heidi Schumacher
heidi.schumacher@gmail.com

2011

Carrie Moats
caroline.moats@gmail.com

Nicholas Aunchman
Nicholas.aunchman@gmail.com

2012

Melissa Marotta Houser
melissa.m.houser@gmail.com

Auna Leatham
auna.leatham@gmail.com

Meghan Beucher
meghan.beucher@gmail.com

Martha Choate Monson
martha.monson@hsc.utah.edu

Remembering Jim Bates

For any student at the College of Medicine from the late 1950s through the 1980s, James H. "Jim" Bates, who died at the Green Mountain Nursing Home in Colchester, Vt. on April 13, was a familiar face, and an administrator who could always help.

Former Dean William Luginbuhl, M.D., recalls: "Fifty years ago it seemed that Jim Bates was the staff of the Dean's Office — or at least the major part of it... Jim was a friendly, supportive, reasonable person. I never knew him to get angry or raise his voice. He never said any request was unreasonable or cited administrative roadblocks. He seemed to get along with everyone from department chairmen to the various support staff including the all important departmental secretaries, maintenance staff, and housekeepers. In spite of limited resources, things got done and ran smoothly. Budgets were kept current and stayed in balance. It could not have been an easy task. He just made it look that way."

With the rapid growth of the College in the 1970s, and the ten-fold increase in admission applications, Jim focused his attention on this important area. "To applicants he became a councilor and advisor," recalls Dean Luginbuhl. "The entire process under his direction ran smoothly and seamlessly. It was a credit to Jim's abilities and an asset to the College. Jim outlived many of his colleagues of his era. Those of us still alive remember him with admiration, affection, and respect."



5th Reunion
JUNE 2012

CLASS OF 2007

Obituaries

Dean H. Edson, M.D.'42

Dr. Edson died after a short illness on December 23, 2010, at the home of his daughter in Tolland, Conn. He was 94. Prior to moving to Tolland, he resided in Danbury and Suffield, Conn. Dr. Edson was born in Grafton, N.H., and grew up in West Lebanon. He was a member of the class of 1939 of the University of New Hampshire before receiving his M.D. degree from the College of Medicine in 1942. Dr. Edson served in the U.S. Army in World War II, achieving the rank of Major in the Medical Division of the 156th Infantry, 1st Battalion. He trained in Texas and England and took part in the D-Day invasion of Normandy. Upon his return stateside, Dr. Edson served his residency at Danbury Hospital in Connecticut. Following his residency, he set up practice in family medicine in Danbury and served many generations of residents before retiring at the age of 82! At the time of his retirement, he was still making house calls. He was a lifelong learner and took pride in his great facility with languages, conversing with patients in any number of foreign languages. He served as Chief of Staff at Danbury Hospital and for many years as the team doctor for the Danbury High School football team. He was known for never wearing a coat or a hat to games — even to the Thanksgiving Day game.

Paul H. Crandall, M.D.'47

Dr. Crandall, who co-founded the UCLA Department of Neurosurgery and pioneered surgical approaches to the treatment of temporal-lobe epilepsy, died March 15 from complications related to pneumonia. He was 89. The youngest of seven children, Dr. Crandall was born to on February 15, 1923, in Essex Junction, Vermont. After starting college at the University of Vermont, he enlisted in the U.S. Army for two years and then returned to Vermont to graduate, *cum laude*, in 1946. His older brother, a surgeon, encouraged him to train in neurosurgery, and Dr. Crandall completed his neurosurgical training at the University of Illinois in Chicago in 1952. That same year, during the Korean War, Crandall enlisted again in the Army Medical Corps and was stationed for two years in Frankfurt, Germany,

where he served as chief of neurosurgery at the military hospital. In 1954, he joined the UCLA School of Medicine as one of three founding members of the neurosurgery division, which became the Department of Neurosurgery in 2008. While at UCLA, Dr. Crandall taught and conducted clinical research for 32 years, retiring as Professor Emeritus in 1988. He launched UCLA's first research program into the causes and surgical treatment of temporal-lobe epilepsy, a type of epilepsy that is often resistant to drug treatment. His research was funded by ongoing grants from the National Institutes, and he performed or supervised surgeries on more than 300 patients, both children and adults. From 1976–77, Crandall served on the U.S. Department of Health's national commission for epilepsy. He served as president of the American Epilepsy Society in 1979, and was presented with the William G. Lennox Award in for his groundbreaking work in 1991. He was elected a fellow of the Royal Society of Medicine in 1991 and later received the UVM Medical Alumni Association's Distinguished Alumnus award.

John W. Sturzenberger, M.D.'67

Dr. Sturzenberger died on March 22, 2012, at the Veterans Hospital in Togus, Maine, following a long illness. He was 70 years old. Born in New York City, he spent his early years there and in Buffalo, N.Y., and moved to Burlington, Vt., in 1954. He received both his undergraduate and medical degrees from UVM. During medical school he spent the summer of 1966 as a medical exchange student in Nigeria. Following medical school, he did his medical internship at New England Deaconess Hospital in Boston and a residency at Boston University Hospital in 1968. He was commissioned as a Flight Surgeon in the United States Navy in 1969. After his discharge from the Navy in 1970, he moved to San Francisco to complete a hematology fellowship at the University of California, San Francisco. In 1971 he did a pathology residency at Presbyterian Hospital in San Francisco and was then employed by Harkness Hospital until 1974. In the spring of 1974, he began working at the United States Veterans Hospital at Togus, Maine. He retired in 2003.

Russel Smith Page III, M.D.'72

Dr. Page died at his home on April 25, 2012. He was 68. He grew up in Washington D.C., and was graduated from Harvard in 1966. During that time, he became active in civil rights and anti Vietnam War. Medical school at UVM was a time of academic challenge combined with tight friendships and good times with the class of 1972. His pediatric residency was completed at New York's Bellevue Hospital. He then joined a private pediatric practice in Plattsburgh, N.Y. In 1977 he moved to Lamoille County, and took a job at Copley Hospital's Emergency Department, where he remained until forced to retire, due to illness, in 2008.

Faculty

Richard M. Narkewicz, M.D.'60

Dr. Narkewicz died on Feb. 21, 2012, following a long battle with complications from cancer therapy. Born in Walpole, N.H., in 1934, he attended St. Michael's College in Winooski before receiving his M.D. from UVM in 1960. Following a residency in pediatrics in San Antonio, Texas, he was a pediatrician in the Air Force in Rome, N.Y. He moved to Burlington in 1966 and started a solo pediatric practice. He later joined with James Stackpole, M.D., and Jack Murray, M.D., to found Timberlane Pediatrics. He was a tireless advocate for children in the American Academy of Pediatrics and was elected president of that organization in 1989. He retired in 1997. He was honored by the Department of Pediatrics at the College of Medicine with the establishment of the annual Narkewicz Lecture for Community Pediatrics and Child Advocacy.

Clarence E. Bunker, M.D.'62

Dr. Bunker died on Wednesday, Feb. 15, 2012, following an extended hospitalization in Fletcher Allen Health



Care in Burlington, Vt. He was born on March 17, 1929, in Howland, Maine, and was raised in Brewer, Maine. He was active in scouting and served in WWII as a civil air patrol spotter. He graduated *magna cum laude* from University of Maine in 1951, with a degree in engineering physics. He worked for Eastman Kodak and for Pratt & Whitney, where he was project engineer in the aircraft nuclear engine lab until 1957, at which time he entered medical studies at UVM. While there, he was awarded the Woodbury Prize as the top-ranking second year student, and earned honor society memberships in engineering, physics, and medicine. He then served a six-year surgical residency at Stanford University. He returned to UVM as assistant professor of surgery at UVM. He became Chief of Surgery at Fanny Allen and held that position until 1982.

Alan E. Irwin, M.D.'71

Dr. Irwin died at his home in Essex Junction, on April 7, 2012, following a long battle with appendix cancer. He was 66.

Born in Burlington, he graduated from Burlington High School and *magna cum laude* from UVM in 1967 as a member of Phi Beta Kappa. After earning his M.D., he continued his medical training with an internship at the Medical College of Virginia and an ophthalmology residency at The Wills Eye Hospital in Philadelphia. Between his internship and residency, he served for two years in the United States Air Force as a general medical officer. Dr. Irwin returned to Burlington in 1977 to practice ophthalmology and teach at the College of Medicine. At that time, he joined Surgical Associates, which later became the University Health Center and finally Fletcher Allen Health Care. His entire career was dedicated to the care of his patients in the Burlington area and beyond, and to the education of the future physicians who would follow him.

We also note the passing of Assoc. Professor of Radiology George Ebert, M.D., Ph.D., and that of Harry Rowe, M.D.'43, and Lawrence Parker, M.D.'50. More details will follow in the next issue of Vermont Medicine.





R E U N I O N 2 0 1 2

Back in Action!

The second weekend in June was a beautiful time to experience Vermont at its finest. Reunion 2012 was an occasion to touch base with old friends and faculty members, while meeting the next generation of physicians from the College of Medicine, and getting a taste of what medical education is like for today's students. Add time for picnics, dinners, and games for the kids, and it added up to a memorable experience for all.



If your class year ends in a 3 or a 8, plan on attending next year's reunion:
**May 31–
June 2, 2013**



View Highlights of the celebration of Achievements that formally opened Reunion 2012.

Go to: uvm.edu/medicine/vtmedicine

webXtra



May 22, 2012, 8:46 a.m.

A very young patient is examined by medical student Jocelyn Hu from the Class of 2014, during her pediatric clerkship at St. Mary's Medical Center in West Palm Beach, Florida.

photograph by Raj Chawla, UVM Medical Photography



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of Vermont

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May 31–June 2 • 2013



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

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

www.med.uvm.edu/alumni