



Md. Yusuf Ali, Ph.D.

ASSISTANT PROFESSOR

Molecular Physiology & Biophysics

► Ph.D. in Biophysics, Toyohashi University of Technology, Japan

Joined UVM as Postdoctoral Associate in 2005 and promoted to Research Associate in 2008.

Dr. Ali demonstrates a sustained level of excellence in research and scholarly activity. In his eight years at UVM, Dr. Ali has published twelve papers in high-quality journals, three of which were publications in the *Proceedings of the National Academy of Sciences, USA*. He has secured a highly competitive four-year grant award from the American Heart Association, and continues as a co-investigator on an ongoing project in an NIH program project grant. In addition to his research, Dr. Ali mentors students in the lab and postdoctoral fellows in the lab he directs, and teaches a Critical Reading course to graduate students. He continues to contribute to diversity on campus by teaching Bengali Language and Culture to nursing students.



The University of Vermont
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Robert Althoff, M.D., Ph.D.

**ASSOCIATE PROFESSOR,
WITH TENURE**
Psychiatry

- ▶ Ph.D. in Neuroscience, University of Illinois at Urbana-Champaign
- ▶ M.D., University of Illinois College of Medicine
- ▶ Pediatric Residency, St. Louis Children's Hospital/Washington University
- ▶ Psychiatry Residency, UVM/Fletcher Allen Health Care
- ▶ Child Psychiatry Residency, Massachusetts General Hospital/McLean Hospital

Joined UVM/Fletcher Allen as Assistant Professor of Psychiatry in 2006. He has been Director of the Division of Behavioral Genetics in the Department of Psychiatry since 2009.

Dr. Althoff is an internationally recognized scholar in developmental psychopathology, behavioral genetics, depression, and suicide. He received the Richard Todd Award from the World Congress of Psychiatric Genetics, and the Klingenstein Award for Best Research in Depression or Suicide. Published in numerous journals, he is the recipient of a career development award (K08) from the National Institute of Mental Health. An active mentor of graduate and medical students and residents, he won resident teaching awards in 2008 and 2013.



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Vikas Anathy, Ph.D.

ASSISTANT PROFESSOR
Pathology

► Ph.D., Madurai Kamaraj University

Joined UVM as a Postdoctoral Fellow in 2004 and promoted to Research Associate in 2008.

Dr. Anathy has established himself as a productive research scholar and well-respected colleague. He has shown consistent productivity as a researcher in assessing the role of redox enzymes in pulmonary diseases including asthma and idiopathic pulmonary fibrosis, with publications in *Journal of Cell Biology*, *Molecular and Cellular Biology*, *American Journal of Respiratory Critical Care Medicine*, and *American Journal of Respiratory Cell and Molecular Biology*. In total, Dr. Anathy has authored 24 peer-reviewed papers, 18 resulting from his work at UVM since 2004. Dr. Anathy has successfully secured five grant awards as principal investigator from the American Thoracic Society, Parker B. Francis Foundation, Vermont Lung Center COBRE, UVM internal grant program, and the Vermont Genetics Network. He is also a co-investigator for an R01 grant through 2018. Dr. Anathy's research has led to two patent applications, and one was recently awarded both U.S. and European patents.



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A portrait of Peter Bingham, M.D., a middle-aged man with thinning brown hair, wearing a red button-down shirt and a dark tie with a red and orange pattern. He is smiling slightly against a dark grey background.

Peter Bingham, M.D.

PROFESSOR Neurological Sciences

- ▶ M.D., Columbia College of Physicians & Surgeons
- ▶ Neurology Residency, Children's Hospital of Philadelphia and Hospital of the University of Pennsylvania
- ▶ Pediatric Residency, Children's Hospital of Philadelphia
- ▶ Muscular Dystrophy Association's Carl M. Pearson Neuromuscular Disease Research Fellowship, Hospital of the University of Pennsylvania

Joined UVM/Fletcher Allen in 2000 as Associate Professor of Neurology and Pediatrics. He has been Director of the Child Neurology Division in Neurology and Pediatrics since 2004.

Dr. Bingham is widely regarded as a regional expert. Reviews describe him as the "go-to person for pediatric neurology in Vermont and upstate New York." He has published 12 peer-reviewed papers since 2009, and is the recipient of numerous research grants. He is a founding member of the Neonatal Feeding Club at the internationally recognized Pediatric Academic Societies, and is also acknowledged for his contributions to the education of medical students, residents and the broader community. In 2012, he received a Fulbright Scholar Award for activities in Armenia. He also holds two U.S. patents.



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James Boyd, M.D.

ASSOCIATE PROFESSOR Neurological Sciences

- ▶ M.D., Memorial University of Newfoundland
- ▶ Neurology Residency, UVM/Fletcher Allen Health Care
- ▶ Clinical Neurophysiology Fellowship, UVM/Fletcher Allen Health Care

Joined UVM/Fletcher Allen in 2005 as an Assistant Professor of Neurology and Attending Physician.

Dr. Boyd is an excellent clinician scholar who is recognized for his considerable contributions to research in Parkinson's disease and movement disorders. In 2010 he received a mentored clinical research award from the Parkinson's Study Group. He also serves as the U.S. principal investigator of an international study of nicotine neuroprotection in Parkinson's disease funded by the Michael J. Fox Foundation. Dr. Boyd developed a deep brain stimulator program in cooperation with neurosurgical colleagues, and through philanthropic donations he is working to create a comprehensive center for the treatment of movement disorders at UVM. Dr. Boyd is also a highly regarded teacher, providing informal bedside teaching to residents and medical students, as well as more formalized neurology and psychiatry lectures.



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Heather Bradeen, M.D.

ASSOCIATE PROFESSOR

Pediatrics, Pediatric Hematology/Oncology

- ▶ M.D., University of New Mexico School of Medicine
- ▶ Pediatric Residency, UVM/Fletcher Allen Health Care
- ▶ Pediatric Hematology/Oncology Fellowship, Doernbecher Children's Hospital/ Oregon Health & Science University

Joined UVM/Fletcher Allen in 2007 as Assistant Professor of Pediatrics.

Dr. Bradeen is recognized for transforming the educational framework for students and residents in pediatric hematology/oncology. Of particular importance is her regional collaboration to advance clinical education; she co-founded the Consortium of New England Children Cancer Survivors, which links 13 New England academic health centers with pediatric hematology/oncology programs. For her commitment to teaching and mentoring, she has been recognized as Teacher of the Year. Dr. Bradeen co-created an education tumor board conference including Maine Medical Center, Fletcher Allen, Eastern Maine Medical Center, and Tufts Medical Center. She is also an active member of the Children's Oncology Group, a National Cancer Institute-supported clinical trials consortium.



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Eileen CichoskiKelly, Ph.D.

ASSOCIATE PROFESSOR Family Medicine

► Ph.D. in Educational Psychology & Statistics,
University at Albany

Joined UVM in 1994 as Research Assistant Professor in the College of Education. Joined the College of Medicine in 2002 as Research Assistant Professor and Director of Educational Instruction and Scholarship.

Dr. CichoskiKelly demonstrates excellence in teaching, advising, educational leadership, and learner assessment. She created, and serves as course director for, a unique program for fourth-year students that requires them to undertake a research project or serve as a teaching assistant in one of the Foundations level courses in the Vermont Integrated Curriculum (VIC). Initial results from this medical school course have led to two publications. Dr. CichoskiKelly has been vital to the creation of a faculty development program, and she plays a key role integrating technology into the VIC. Her position as an educational leader at the College has been formalized with the title of Director of Educational Instruction and Scholarship.



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Kristen DeStigter, M.D.

PROFESSOR

Radiology

- ▶ M.D., Case Western Reserve University School of Medicine
- ▶ Diagnostic Radiology Residency, University Hospitals of Cleveland
- ▶ Body Imaging Fellowship, University Hospitals of Cleveland

Joined UVM/Fletcher Allen as an Assistant Professor of Radiology in 2001 and promoted to Associate Professor in 2006. She has served as director of the UVM/Fletcher Allen Diagnostic Radiology Residency Program and Vice-Chair of the Department of Radiology since 2004, and is the Tampas Green & Gold Professor.

Dr. DeStigter is a well-regarded clinician, teacher, and researcher who spearheads a successful global health project called "Imaging the World," which seeks to provide appropriate technologies for ultrasound imaging in developing countries, and helps to set up partnerships to transmit images to radiology centers for interpretation. She has taken 12 medical students to Uganda for projects related to "Imaging the World." Dr. DeStigter has six active research projects and a Bill and Melinda Gates Foundation award. Her research has been published in peer-reviewed journals. She has been responsible for the training of over 50 radiology residents, and she is the mentor to all College of Medicine students matching to the specialty.



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Anne Dixon, M.D.

PROFESSOR, WITH TENURE
Medicine, Pulmonary and Critical Care Medicine

- ▶ Medical degree (B.M., B.Ch.),
Oxford University, England
- ▶ Internal Medicine Residency,
Johns Hopkins University
- ▶ Pulmonary Critical Care Fellowship,
University of Washington

Joined UVM/Fletcher Allen as Associate Professor in 2001, earning tenure in 2011. She has been Division Chief of Pulmonary and Critical Care since 2005, and Director of Clinical Research at the Vermont Lung Center since 2006.

Dr. Dixon's internationally known research on obesity and asthma is reflected in over 40 publications, an R01 grant from the National Institutes of Health, and numerous lectures nationally and internationally. She is also principal investigator for a COBRE grant on lung disease. An active teacher for pulmonary fellows, medical residents, and medical students, Dr. Dixon has also been a teacher for the American Thoracic Society and a research advisor for fellows and junior faculty at other institutions. Dr. Dixon chairs the Scientific Advisory Committee of the UVM Clinical Research Center. She is chair of the National Membership Committee of the American Thoracic Society, and serves as a reviewer for numerous journals.



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Anne E.

Eva Fraser-Harris, M.D.

ASSOCIATE PROFESSOR

Anesthesiology, Pediatrics

- ▶ M.D., University of Vermont College of Medicine
- ▶ Anesthesiology Residency, Medical Center Hospital of Vermont
- ▶ Pediatric Residency, University of Colorado Health Sciences Center
- ▶ Pediatric Anesthesiology Fellowship, The Montreal Children's Hospital

Joined UVM/Fletcher Allen as a Clinical Instructor in 1995. Promoted to Assistant Professor of Anesthesiology in 1999 and Adjunct Assistant Professor of Pediatrics in 2007.

Dr. Fraser-Harris' scholarly contributions have focused on infant spinal anesthesia, and for the past ten years she has maintained a spinal anesthesia patient registry. Because of her expertise, she has repeatedly been an invited speaker at the Society for Pediatric Anesthesia national meeting. In addition, she has been a joint investigator in a multinational randomized trial of general versus conduction anesthesia in children. Dr. Fraser-Harris is involved in both bedside teaching as well as formal teaching for residents and medical students. She serves as an advisor to residents and has received many accolades for her teaching and mentoring, including the Copper Kettle Award for teacher of the year and the Faculty Champion Award.



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Eric Ganguly, M.D.

ASSOCIATE PROFESSOR

Medicine, Gastroenterology

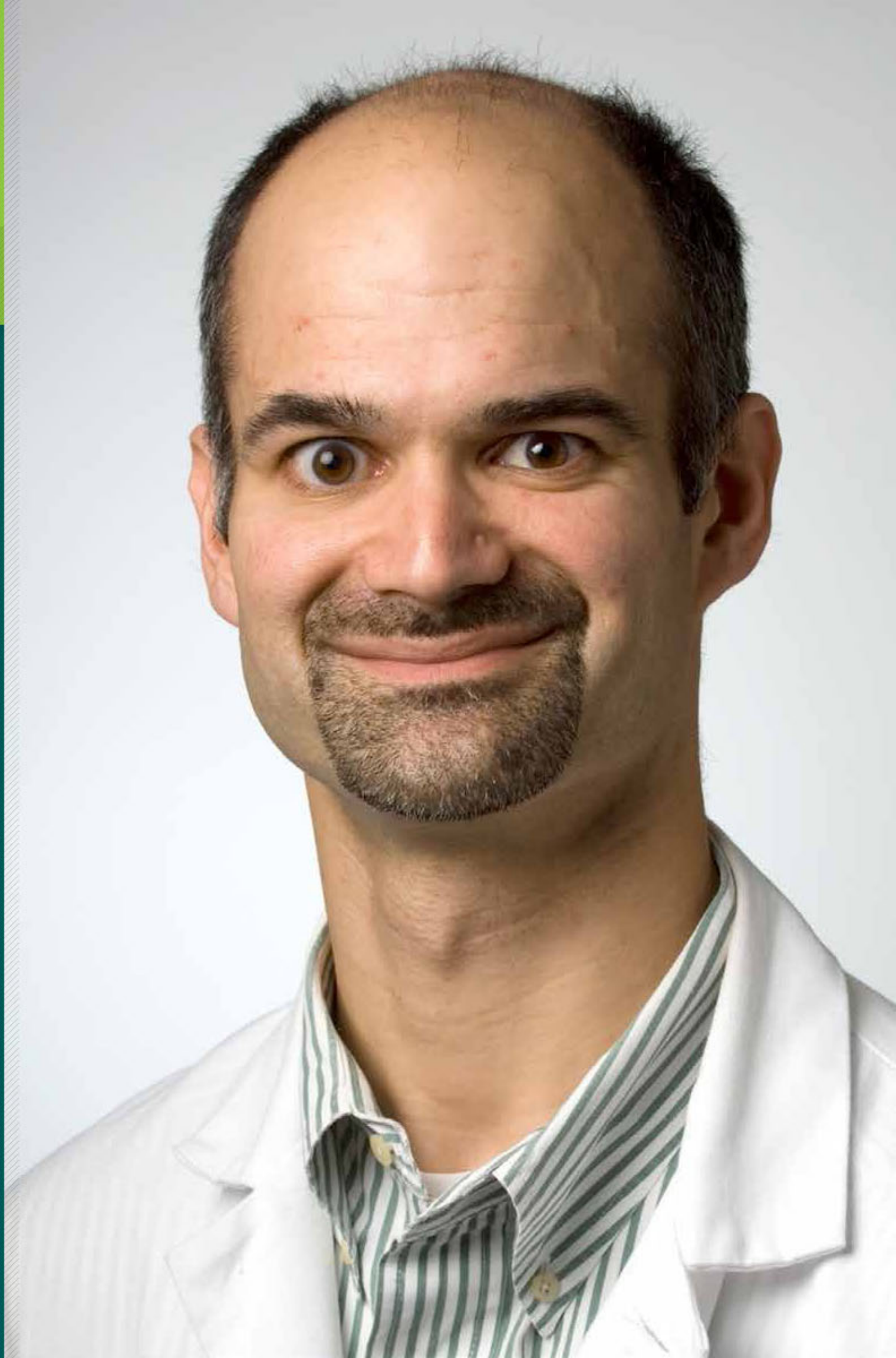
- ▶ M.D., University of Massachusetts Medical School
- ▶ Internal Medicine Residency, UVM/Fletcher Allen Health Care
- ▶ Gastroenterology Fellowship, UVM/Fletcher Allen Health Care

Joined UVM/Fletcher Allen as Assistant Professor of Medicine in 2002.

Dr. Ganguly is an excellent clinician-scholar-educator. In addition to his research program on pregnancy and neonatal outcomes in patients with inflammatory bowel disease, funded through the Crohn's and Colitis Foundation of America, he is co-investigator or collaborator on multiple medication trials. His research has been published in several peer-reviewed publications. Dr. Ganguly is an active educator of students, residents, and fellows, as well as a mentor for the UVM Pre-Medical Enhancement Program. He was recently elected to the American Gastroenterological Association Academy of Educators, and he serves as the Director of Resident Education for the Gastroenterology Division.



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Mark Gorman, M.D.

PROFESSOR Neurological Sciences

- ▶ M.D., Wayne State University
- ▶ Internal Medicine Residency, Sinai Hospital of Detroit
- ▶ Neurology Residency, Henry Ford Hospital
- ▶ Cerebrovascular Diseases and Headache Fellowship, Henry Ford Hospital
- ▶ Neurocritical Care Fellowship, Columbia-Presbyterian Hospital

Joined UVM/Fletcher Allen in 2005 as Associate Professor.

As director of the UVM/Fletcher Allen Stroke Program, Dr. Gorman is recognized for his teaching, clinical, and scholarly contributions. He has pioneered a technique in Transcranial Doppler ultrasound for stroke prevention. With a prestigious Frymoyer Scholar Award, Dr. Gorman is constructing a web-based database approach to teaching stroke management basics to medical students and residents. As site principal investigator or co-investigator, he is involved in numerous research programs regionally, nationally, and internationally, and his research has been disseminated in many peer-reviewed publications. Dr. Gorman is an ad hoc reviewer for 13 journals, and is clinical leader for teleneurology services at Fletcher Allen Health Care.



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Breena Holmes, M.D.

CLINICAL ASSOCIATE PROFESSOR

Pediatrics

- ▶ M.D., University of Massachusetts Medical School
- ▶ Pediatric Residency, Seattle Children's Hospital and Medical Center

Joined UVM/Fletcher Allen as Clinical Assistant Professor in 1998.

Dr. Holmes is the Director of the Division of Maternal and Child Health at the Vermont Department of Health, and in that capacity has made extensive contributions to school health services. Her scholarly efforts have been in the policy realm and she is responsible for obtaining grant support for many programs in the Department. As an educator, she is involved in the pediatric residency advocacy curriculum development, which contributed to national recognition of the residency program. She serves as a mentor for undergraduate and medical students, and as the Generations course adolescent preceptor. Dr. Holmes is also active in service at the national level; she is an executive committee member of the American Academy of Pediatrics Council on School Health.



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Alan Homans, M.D.

PROFESSOR

Pediatrics, Hematology/Oncology

- ▶ M.D., Ohio State University
- ▶ Pediatric Residency, Medical Center Hospital of Vermont and University of Massachusetts Medical Center
- ▶ Pediatric Hematology/Oncology Fellowship, Brown University/Rhode Island Hospital

Joined UVM/Fletcher Allen in 1992 as Assistant Professor of Pediatrics and Attending Physician. Promoted to Associate Professor of Pediatrics in 1996. Director of Pediatric Hematology/Oncology at Fletcher Allen since 1999.

Dr. Homans is regarded as an exemplary pediatric oncologist. He has worked extensively with the Children's Oncology Group (COG), which has now become an international consortium with more than 200 member institutions worldwide. He has published steadily during his time at UVM, with 17 peer-reviewed publications, including a second-author publication in *Science*. Dr. Homans also served as study coordinator or site primary investigator for a number of collaborative group trials, and is currently the site principal investigator for COG. He is also the co-chair of the clinical projects group for the Consortium of the New England Children Cancer Survivors, which aims to help better understand the later-in-life effects of childhood cancer treatment.



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James Jacobson, M.D.

PROFESSOR

Psychiatry

- ▶ M.D., Northwestern University School of Medicine
- ▶ Psychiatry Residency, University of Colorado
- ▶ Psychoanalysis Fellowship, Denver Institute for Psychoanalysis

Joined UVM/Fletcher Allen as Associate Professor in 2000. He has also been Director of the Outpatient Psychiatry Division at Fletcher Allen since 2004, Director of the Psychopharmacology Clinic since 2008, and Director of the Psychotherapy Clinic and Training Program since 2009.

Dr. Jacobson is a nationally recognized author and editor, a highly specialized physician, and an acclaimed teacher. He co-edited the textbook *Psychiatric Secrets*, and also authored three chapters in the book and has been a contributing author to a second textbook, *Critical Care Secrets*. As a psychopharmacologist and psychotherapist, he has helped to develop the curriculum for psychopharmacology training and for the training program in psychotherapy. He won a residents' award for excellence in academic teaching in 2002. An advisor/mentor for a number of psychiatric residents, he is a member of the American Association of Directors of Psychiatric Residency Training.



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David C. Jones, M.D.

PROFESSOR

**Obstetrics, Gynecology and
Reproductive Sciences**

- ▶ M.D., Pennsylvania State University College of Medicine
- ▶ Obstetrics and Gynecology Residency, University of Florida Health Science Center/Jacksonville
- ▶ Maternal-Fetal Medicine Fellowship, Yale University

Joined UVM/Fletcher Allen as Associate Professor in 2001. Director of the Fetal Diagnostic Center at Fletcher Allen since 2001. He is a Lt. Colonel serving as Commander of the Medical Group, Master Physician/Medical Corp, and Senior Flight Surgeon for the Vermont Air National Guard.

As director of the Fetal Diagnostic Center, Dr. Jones has overseen its growth from 800 to more than 7,300 patient visits per year, and secured the initial accreditation with the American Institute of Ultrasound in Medicine. He has developed the ultrasound training program for OB-GYN residents, as well as the training program for maternal-fetal medicine fellows in sonography. With pediatric cardiology colleagues, Dr. Jones created a program to enhance fetal echocardiography skills. He was Chief of Aerospace Medicine in the Vermont Air National Guard from 2010 until becoming Commander of the Medical Group in 2013, and has deployed to Iraq and Afghanistan.



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David Kaminsky, M.D.

PROFESSOR, WITH TENURE
Medicine, Pulmonary and Critical Care Medicine

- ▶ M.D., University of Massachusetts Medical Center
- ▶ Internal Medicine Residency, Columbia-Presbyterian Medical Center
- ▶ Pulmonary & Critical Care Medicine Fellowship, University of Colorado Health Sciences Center

Joined UVM/Fletcher Allen as Assistant Professor in 1995 and promoted to Associate Professor with tenure in 2001. He has also been Co-Director of the Vermont Lung Center since 2005, and Director of the Fellowship Training Program in Pulmonary and Critical Care Medicine since 2005.

Dr. Kaminsky has maintained continuous research funding since 2001 through competitive processes including a National Heart, Lung, and Blood Institute R34 Award, National Cancer Institute R03 Award, and as a Principal Investigator of a National Institutes of Health COBRE Award. As an expert on lung mechanics and physiology, and clinical asthma management, he has amassed 37 original peer-review publications, many in the premier journals in his field. Dr. Kaminsky is highly regarded for his attentiveness to teaching in the clinical setting, and is a sought-after speaker.

**Fletcher
Allen**
HEALTH CARE



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Brian Kim, M.D.

ASSOCIATE PROFESSOR

Surgery, Ophthalmology

- ▶ M.D., St. Louis University School of Medicine
- ▶ Ophthalmology Residency, Cole Eye Institute, The Cleveland Clinic Foundation
- ▶ Vitreo-retinal Surgery Fellowship, Wilmer Eye Institute, Johns Hopkins School of Medicine, Johns Hopkins Hospital

Joined UVM/Fletcher Allen as Associate Professor in 2006. He was named Director of Clinical Research in the Division of Ophthalmology in 2009 and has served as Division Chief since 2011. He also holds the Elliot W. Shipman Endowed Chair of Ophthalmology.

He is Director of Specialty Advisors in Ophthalmology. Nine of his mentees are now in ophthalmology residencies or fellowships. Dr. Kim is the site director for multiple clinical drug trials with a primary focus on retinal disease/macular degeneration. He is actively involved in improvements to the medical student curriculum. He is a member of the American Association of University Professors in Ophthalmology and has received the Distinguished Service Award from the American Academy of Ophthalmology as a member of the Academy Council.



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John King, M.D., M.P.H.

PROFESSOR Family Medicine

- ▶ M.D., University of Rochester School of Medicine and Dentistry
- ▶ Family Medicine Residency, Duke University
- ▶ M.P.H. in Epidemiology, University of North Carolina

Joined UVM/Fletcher Allen in 2003 as Associate Professor and Residency Program Director. He has served as Vice Chair of the Department since 2010.

As the director for the Family Medicine Residency Program, Dr. King has been the mentor to over 70 family practice residents. He has also facilitated many improvements in the Family Medicine curriculum. As an exemplary family physician, he is a champion for the electronic health record, the patient-centered medical home and utilization of evidence informed care. He has been the principal investigator on three grants, and has presented his scholarly work at national meetings. Dr. King has national prominence in the study of shared decision making, and he is recognized internationally as a member of the international patient decision aids standards collaborative.



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

ASSOCIATE PROFESSOR

Medicine, Primary Care Internal Medicine

- ▶ M.D., University of Vermont College of Medicine
- ▶ Ph.D. in Physiology, Brown University
- ▶ Internal Medicine Residency, UVM/Fletcher Allen Health Care
- ▶ Postdoctoral Fellowships at Brown University, Oxford University in Oxford, England, Emory University School of Medicine, and UVM College of Medicine

Joined UVM in 1988 as Research Associate in the Department of Medicine and was promoted to Research Assistant Professor in 1990. After completing her medical degree and residency at UVM, Dr. King joined the clinical faculty as Assistant Professor in 2000.

Dr. King is an innovator in education, which was recognized by her receipt of the Frymoyer Scholar Award, through which she will develop a curriculum for students about professional licensing and disciplinary actions. After developing the Convergence course for the Vermont Integrated Curriculum, she is now the course director. She also teaches students assigned to her outpatient practice office. Dr. King brings unique expertise to the College through her service as the chair of the Vermont Board of Medical Practice, the agency responsible for the licensing, practice standards, and oversight of all Vermont physicians.



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Beth Kirkpatrick, M.D.

PROFESSOR, WITH TENURE
Medicine, Infectious Disease

- ▶ M.D., Albany Medical College
- ▶ Internal Medicine Residency, University of Rochester
- ▶ Infectious Disease Fellowship, Johns Hopkins University School of Medicine

Joined UVM/Fletcher Allen as Assistant Professor and clinician in 1999; promoted to Associate Professor in 2005; moved to a research focus and earned tenure in 2012. Director of the Vaccine Testing Center since 2001.

Dr. Kirkpatrick is an internationally recognized scholar in the field of infectious diseases, with a focus on translational immunology and vaccine development. Her international clinical trials will continue to have both immediate and long-term impact for health care as well as immunology/vaccine development. She has been continuously funded since 2001. She is a highly regarded and accomplished mentor and educator. She has served on number committees at our institutions and nationally, including the Infectious Disease Society of America and the American Society of Tropical Medicine, who awarded her the 2012 Bailey K. Ashford Medal for distinguished work in tropical medicine. She has also served as a reviewer for numerous journals in her field.

Beth D. Kirkpatrick
Infectious Dis



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Jerry Larrabee, M.D.

PROFESSOR

Pediatrics

- ▶ M.D., Vanderbilt University School of Medicine
- ▶ Pediatric Residency, Emory University School of Medicine

Joined UVM/Fletcher Allen in 2005 as Associate Professor and Medical Director of University Pediatrics. Dr. Larrabee has served as Associate Director of the Pediatric Residency Program since 2007 and as Division Chief of Pediatric Primary Care since 2011.

Dr. Larrabee is a committed clinician-educator as evidenced by his scholarly activities and his work on curriculum development and redesign. With a grant from the Accreditation Council for Graduate Medical Education and the American Board of Pediatrics, he has focused on developing a Longitudinal Quality Improvement Curriculum and fostering innovative changes in the pediatric residency curriculum. His work has been nationally recognized in part through his acceptance into the Leadership in Educational Academic Development Training Program. He is also the recipient of the 2011–2012 Advocacy Training Award. In the last two years Dr. Larrabee has given 10 presentations at national meetings, six of these in poster format, three workshop presentations, and one platform presentation.



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Matthew Lord, Ph.D.

ASSOCIATE PROFESSOR, WITH TENURE

Molecular Physiology and Biophysics

- ▶ D.Phil. in Biochemistry,
University of Oxford, England
- ▶ Postdoctoral Fellowships at Harvard
University and Yale University

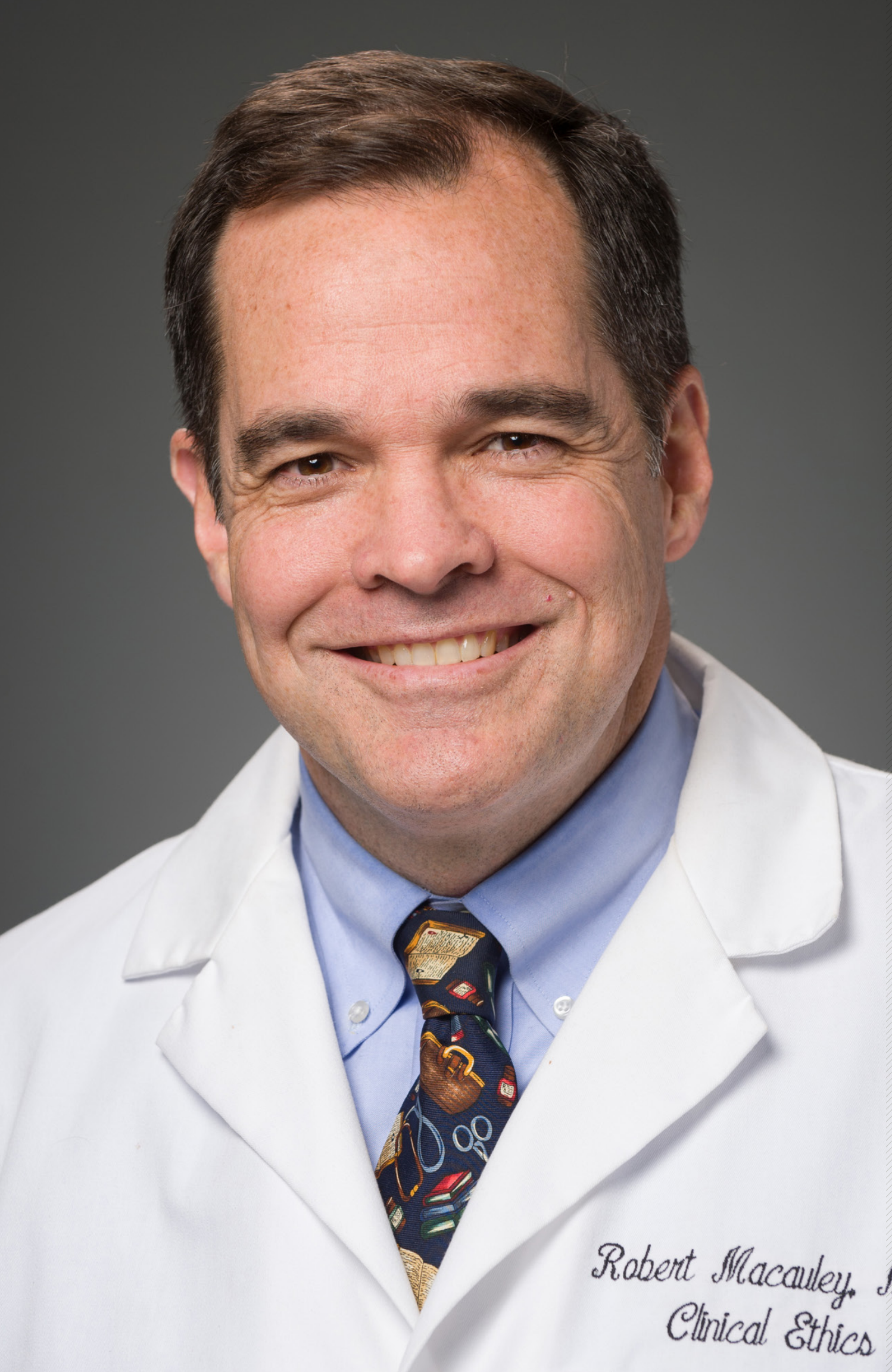
Joined UVM in 2006 as Assistant Professor.

Dr. Lord is an accomplished scholar and researcher whose work has been recognized nationally and internationally. His research explores the cytoskeleton and cellular motility and their role in disease. Dr. Lord has published prolifically in high-impact factor journals, successfully secured extramural grant support, and presented his work at numerous local, regional, and national conferences. He has developed the curriculum for and participated in several graduate level courses, receiving high marks for his teaching efforts. He has also trained or is training two Ph.D. candidates in his lab, and has mentored 14 undergraduates. Dr. Lord has demonstrated exemplary commitment to service through his participation on numerous departmental and university committees.



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Robert Macauley, M.D.

PROFESSOR Pediatrics

- ▶ M.D., Yale University School of Medicine
- ▶ Pediatric Residency, Johns Hopkins Hospital

Joined UVM/Fletcher Allen in 2002 as Assistant Professor. Promoted to Associate Professor in 2006. Dr. Macauley founded and has served as Medical Director of the Pediatric Advanced Care Team since 2006. He has directed Clinical Ethics at Fletcher Allen Health Care since 2004.

Dr. Macauley is a respected national leader in bioethics and palliative care. He is a member of many national professional societies, and currently sits on the ethics committees of both the American Academy of Pediatrics and the American Association of Hospice and Palliative Medicine. Since 2005 he has published 13 peer-reviewed and 14 non-peer-reviewed articles, and is a reviewer for *Pediatrics*, *Pediatrics in Review*, and the *Journal of Palliative Medicine*. Dr. Macauley is responsible for education related to medical ethics and pediatric palliative care at the College, as well as a large portion of education related to spirituality. He devised the ethics component of the Clinical Decision Making course, teaches in several other Foundations level courses, and precepts clinical electives in ethics and pediatric palliative care.



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Donald Mathews, M.D.

PROFESSOR

Anesthesiology

- ▶ M.D., Columbia University College of Physicians and Surgeons
- ▶ Critical Care and Surgical Metabolism Research Fellowship, Columbia-Presbyterian Medical Center
- ▶ Anesthesiology Residency, Columbia-Presbyterian Medical Center

Joined UVM/Fletcher Allen in 2010 as Associate Professor. He also serves as Director for the Anesthesiology Residency Program.

Dr. Mathews is an internationally recognized scholar, well-regarded clinician, and dedicated mentor and educational leader. His scholarly focus is on improving the hypnotic and pain relieving components of anesthesia. He is currently developing techniques to optimize the dose of opiates during surgery. He serves as Chair of the Scientific Papers and Research Committees in the Society for Ambulatory Anesthesia, to which he was recently elected to the Board of Directors. Dr. Mathews has authored seven peer-reviewed manuscripts, six book chapters and over 30 published abstracts. He has given invited lectures to numerous national and international conferences, including the American Society of Anesthesiology and the European Society of Anesthesiology.



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Donald Mathews, M.D.
Attending Anesthesiology

Robert Nesbit, M.D.

ASSOCIATE PROFESSOR

Surgery, Plastic & Reconstructive Surgery

- ▶ M.D., Medical College of Georgia
- ▶ General Surgery Residency, SUNY at Syracuse
- ▶ Plastic Surgery Residency, University of Tennessee
- ▶ Cosmetic & Reconstructive Surgery Fellowship, Charlotte (N.C.) Plastic Surgery

Joined UVM/Fletcher Allen in 2005 as Assistant Professor of Surgery.

Dr. Nesbit is an excellent clinician-educator. He was awarded the H. Gordon Page Surgical Clinical Award for Dedication and Commitment to Excellence in Patient Care in 2011 by vote of the medical students. He is further recognized as an excellent mentor, opening his OR to students and hosting workshops, including the Facial Trauma Workshop that has now been extended regionally. His evaluations have been consistently excellent. Dr. Nesbit has two publications and multiple presentations at regional and national conferences. His nonclinical service includes multiple committees at Fletcher Allen.



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Carlos Pino, M.D.

ASSOCIATE PROFESSOR

Anesthesiology

- ▶ M.D., Universidad de Chile School of Medicine
- ▶ Anesthesiology and Reanimation Residency, University of Valparaiso, Chile
- ▶ Surgery Internship and Anesthesiology Residency, UVM/Fletcher Allen Health Care
- ▶ Pain Medicine Fellowship, UVM/Fletcher Allen Health Care

Joined UVM/Fletcher Allen faculty in 2006 as Assistant Professor. Program Director for the Pain Medicine Fellowship from 2007 to 2010. Medical Director of the Center for Pain Medicine since 2007.

Dr. Pino's research on chronic pain medicine is nationally recognized. A recipient of a St. Jude Pain Fellowship training grant, he has also served as guest editor for *Techniques in Regional Anesthesia* and *Pain Medicine*. Recently he was nominated as Vice Chair of the Scientific and Educational Planning Committee for the American Society of Regional Anesthesia and Pain Medicine. Dr. Pino's dedication to teaching was recognized with the Arnold Gold Foundation Award for Humanism and Excellence in Teaching. His mentoring of medical students, residents, and fellows is in part reflected by his mentees' success in academic medical and private practice.



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Carlos Pino
Attending in A

Paul Rosenau, M.D.

ASSOCIATE PROFESSOR Pediatrics

- ▶ M.D., Harvard Medical School
- ▶ Pediatric Residency, UVM/Fletcher Allen Health Care

Joined UVM/Fletcher Allen faculty in 2007 as Assistant Professor. Has served as Director for Quality for Vermont Children's Hospital since 2009, and as a physician informaticist since 2012.

Dr. Rosenau is a pediatric hospitalist, the Director for Quality Improvement for Vermont Children's Hospital, and a member of the clinical informaticist team at Fletcher Allen. His scholarly focus is in pediatric health care quality and informatics. He is a well-regarded teacher and mentor, and has been nominated several times for Clinical Teacher of the Year in the Pediatric residency program. Dr. Rosenau led the implementation of the inpatient Pediatric Early Warning Score system that helps identify and coordinate interventions for children at risk of becoming critically ill. He also led a variety of organizational and programmatic efforts to support patient- and family-oriented care. He serves on the VT Family Network Board of Directors in addition to many other committees at UVM and Fletcher Allen.



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A portrait of Joel Schnure, M.D., an older man with a balding head and light-colored hair on the sides. He is wearing a dark suit jacket, a light blue dress shirt, and a tie with diagonal stripes in dark blue and light green. He is looking directly at the camera with a slight smile.

Joel Schnure, M.D.

PROFESSOR Medicine, Endocrinology

- ▶ M.D., State University of New York at Buffalo School of Medicine
- ▶ Internal Medicine Residency, Buffalo General Hospital
- ▶ Post-Doctoral Fellowship in Endocrinology, National Institutes of Health at State University of New York at Buffalo

Joined UVM/Fletcher Allen faculty in 2001 as Associate Professor and Director of the Vermont Regional Diabetes Center at Fletcher Allen Health Care. Has served as Co-Director for the Division of Endocrinology, Diabetes and Metabolism since 2010.

Dr. Schnure is nationally recognized for his work in the field of diabetes. He has served as President of the American Association of Diabetes Educators, President of the American Diabetes Association New York Upstate Affiliate, and President of the American Association of Clinical Endocrinologists Upper State Chapter. Since 2012, he has been an editorial board member for *Coronary Artery Disease*. Dr. Schnure has participated in or had a leadership role in several multicenter clinical trials, including two current trials as co-principal investigator. For his exemplary teaching abilities, he was awarded the prestigious "Golden Apple Award" by United Health Services.



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Martha Seagrave, PA-C

ASSOCIATE PROFESSOR Family Medicine

- ▶ Physician Assistant NCCPA Certified
University Health Center, Burlington, Vermont
- ▶ B.S. in Nursing, University of Vermont

Joined UVM as Clinical Instructor in 1990, and promoted to Research Associate in 1997 and Assistant Professor in 2011. She has served as Director of Medical Student Education for the Department of Family Medicine since 2006 and as Associate Clerkship Director since 2000. Since 1999 she has been a primary care clinician for the UVM Center for Health and Wellbeing.

Ms. Seagrave is an excellent clinician-educator who reflects a scholarly approach to education. She is currently the principal investigator for a \$950,000 grant from the Health Resources and Service Administration (HRSA), following four HRSA grants totaling about \$1.5 million as co-investigator. Her funded activities and her national collaborative activities involve development of curriculum and resources as well as evaluation. She has been an invited presenter at multiple national and regional forums, and has disseminated her research in peer-reviewed journals. Ms. Seagrave's teaching impacts a large number of students and residents; she has been nominated for the Silver Stethoscope Award, with excellent teaching evaluations.



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Doris Strader, M.D.

PROFESSOR

Medicine, Gastroenterology/Hepatology

- ▶ M.D., Georgetown Medical School
- ▶ Internal Medicine Residency, University of Maryland School of Medicine
- ▶ Gastroenterology Fellowship, NIH/Veteran's Affairs Medical Center/Georgetown

Joined UVM/Fletcher Allen in 2002 as Associate Professor.

As a scholar, Dr. Strader has established a national reputation as an expert in liver disease and hepatitis B and C. She is an investigator in nine research studies, and lists 28 publications over the last 20 years. She is author of a chapter in *Hepatology: A Textbook of Liver Diseases 5th ed.*, the primary reference in training GE/Hepatology fellows. Dr. Strader contributes her expertise to several high-profile national groups. She is a member of the FDA Advisory Committee for Anti-Viral Drugs. She authored Guidelines for the Management of Hepatitis C for the American Association for the Study of Liver Diseases, and is chair of the National Institutes of Health Data Safety Monitoring Board for Hepatitis B Research Network.



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A portrait of Jose Teixeira, Ph.D., a middle-aged man with thinning brown hair, wearing a light blue button-down shirt. He is looking directly at the camera with a slight smile.

Jose Teixeira, Ph.D.

ASSISTANT PROFESSOR Medicine, Infectious Disease

- ▶ Ph.D. in Immunology, School of Medicine of Ribeirao Preto, University of Sao Paulo, Brazil.
- ▶ Postdoctoral Training in Microbiology and Cell Biology at the University of Virginia and the University of Vermont

Joined UVM as a Research Associate in 2007.

Dr. Teixeira has focused his career on the pathogenesis of intestinal amebiasis as a result of the pathogen *Entamoeba histolytica*. He has helped define the pathogenesis through an understanding of the amebic phagocytosis process and the role that surface proteins play, in hopes of developing a vaccine. In the last several years he has published extensively as first or second author, including 18 peer-reviewed publications and 14 abstract presentations. He has been a key contributor to two National Institutes of Health funded grants. Dr. Teixeira has also assumed a leadership role in the Huston laboratory, and is recognized as a key resource for graduate students, residents, and fellows during their work in infectious disease.



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A portrait of George Wellman, Ph.D., a middle-aged man with short, graying hair, wearing a dark checkered button-down shirt. He is looking slightly to the right of the camera with a neutral expression.

George Wellman, Ph.D.

PROFESSOR, WITH TENURE
Pharmacology

- ▶ Ph.D. in Pharmacology, University of Vermont
- ▶ Postdoctoral Fellowships in Pharmacology at the University of Leicester, England and at the University of Vermont

Joined UVM as Assistant Professor in 2000 and was promoted to Associate Professor with Tenure in 2006. He also holds a secondary appointment in the Department of Surgery.

Dr. Wellman's research focuses on cerebral vascular function, specifically in the field of subarachnoid hemorrhage. He has published extensively on the topic, having authored 50 peer-reviewed publications. His body of work has been cited more than 2,300 times. Dr. Wellman is heavily involved in teaching and advising; he has taught pharmacology in the Vermont Integrated Curriculum since 2004, and he spearheaded the development of an undergraduate minor in Pharmacology. Under his leadership the minor has grown steadily and now has 35 undergraduates. Outside of UVM, Dr. Wellman reviews grants for the National Institutes of Health, American Heart Association, and Wellcome Trust. He also reviews for numerous journals and has helped organize several national and international conferences.



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Neil Zakai, M.D. M.Sc.

**ASSOCIATE PROFESSOR,
WITH TENURE**
Medicine, Hematology/Oncology

- ▶ M.D., University of Virginia School of Medicine
- ▶ Internal Medicine Residency, UVM/Fletcher Allen Health Care
- ▶ Hematology/Oncology Fellowship, Brown University
- ▶ Master's Degree in Epidemiology, Harvard School of Public Health

Joined UVM/Fletcher Allen in 2007 as Assistant Professor of Medicine and Pathology and Attending Physician.

Dr. Zakai is an accomplished physician scientist, with a clinical focus on thrombosis and hemostasis, and a research focus on the physiology and epidemiology of blood clotting. Students, residents, and fellows attest to his effectiveness as a teacher and his important role as a mentor and exemplar. He has a robust publication record of 28 peer-reviewed manuscripts. He has been continuously funded since 2007, first with a highly competitive NIH RC1 award, and subsequently with an NIH K08 career development award. He has served on five National Institutes of Health Study Sections since 2010, and is a guest editor for the journal *Circulation*.



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A.K.M. Tarikuz Zaman, Ph.D.

ASSISTANT PROFESSOR
Medicine, Cardiology


- ▶ Ph.D. in Cardiovascular Medicine, Hokkaido University, Japan
- ▶ Postdoctoral Research Fellowships in Cardiovascular Medicine at Hokkaido University, Japan and at the University of Vermont

Joined the UVM faculty as a Research Associate in 2008.

Dr. Zaman is a successful research scholar and collaborator. He has 33 publications in peer-reviewed journals, including *Circulation*, *Journal of Molecular and Cellular Cardiology*, *The FASEB Journal*, and others. One of his manuscripts, titled "Vascular rhexis: Loss of integrity of coronary vasculature in mice subjected to myocardial infarction," was chosen by The Society of Experimental Biology and Medicine as the best paper for 2010 in the Clinical/Preclinical and Translational Research category of the journal sponsored by the Society, *Experimental Biology and Medicine*. Dr. Zaman serves as an invited reviewer for *Coronary Artery Disease* and *The Journal of Pharmacology*, and has contributed editorials and perspectives to *Coronary Artery Disease* on a regular basis.



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A portrait of Richard Zubarik, M.D., a middle-aged man with short, graying hair, wearing a dark suit, light blue shirt, and a patterned tie. He is smiling slightly and looking directly at the camera.

Richard Zubarik, M.D.

PROFESSOR

Medicine, Gastroenterology

- ▶ M.D., State University of New York Stony Brook
- ▶ Internal Medicine Residency, UVM/Fletcher Allen Health Care
- ▶ Fellowships in Gastroenterology, Georgetown University Hospital and Veterans Administration Affairs Hospital at Memphis, Tenn.

Joined UVM/Fletcher Allen as Associate Professor and Chief of Endoscopy in 1999.

Dr. Zubarik is a recognized clinical-scholar-educator in the field of gastroenterology. He has authored 18 papers, three review articles, and one book chapter, all on gastrointestinal disease, with 15 peer-reviewed papers that have been published in prominent medical and GI journals. His research program extends to Chair of a regional pancreatic cancer screening study. He is a contributor to national GI organizations and a reviewer for journals in his discipline. As an educator, Dr. Zubarik teaches medical students, residents, and fellows with outstanding evaluations. He is further recognized for his clinical contributions in developing a unique and important endoscopy service at Fletcher Allen.



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