

University of Vermont/Fletcher Allen Health Care Department of Medicine Fall 2009 Newsletter



Welcome

The Department of Medicine continues to be a leader in clinical care, research, education and service. Throughout the year we try to provide updates on specific accomplishments and each summer we put together an Annual Report that highlights many of the Departmental activities. This past year it became clear that there is so much happening within the Department that we needed another, more consistent way to communicate our successes. Welcome to the new quarterly Department of Medicine Newsletter!

This edition of the newsletter is being released simultaneously with the Annual Report which can be found on our webpage at: <http://www.med.uvm.edu/medicine/HP-DEPT.ASP?SiteAreaID=513>

I encourage you to review the report as it provides much more detailed information. You will be amazed at the breadth and depth of the activity and accomplishments of all of the members of our Department. Future editions of the newsletter will be posted on our web page and we will send out an email with the link. If you do not get regular emails from the Department and would like to be included please send your email address to: Laurie.St.Gelais@vtmednet.org.

Polly E. Parsons, MD
E.L. Amidon Professor and Chair
Department of Medicine

Honors and Awards

Department of Medicine Awards:

Teacher of the Year (full-time faculty): **Dr. Renee Stapleton**

Teacher of the Year (part-time faculty): **Dr. Erik Rufa**

The Harriet P. Dustan MD Award in recognition of acquisition of new knowledge through research performed during residency: **Dr. Enkhtuyaa Mueller**

The Frank L. Babbott MD Memorial Award for idealism and integrity; dedication to patient care; commitment to the educational mission of the Department of Medicine: **Dr. Cindy Dion Noyes**

The Richard E. Bouchard Primary Care Excellence Award: **Dr. Cindy Dion Noyes**

Cindy Dion Noyes Citizenship Award:

R1: **Dr. Andria Jones**

R2: **Dr. Curt Weaver**

R3: **Dr. Sadie Mills**

Preliminary Intern of the Year Award: **Dr. Phil Skidd**

University Distinguished Professor:



The University's 205th Commencement ceremony held on May 17, 2009 bestowed degrees on an estimated 2,781 graduates — and a new title on four of UVM's top professors. At Sunday's ceremony, **Dr. Burton Sobel** became one of the first faculty members to be named **University Distinguished Professor**, a new honorific title

conferred upon a select number of professors who have attained an international reputation in the areas of teaching, research, scholarship, and service.

The program honors faculty who have brought distinction to the university over an extended period of service; only those with the rank of professor are considered for the award. Nominations, submitted by deans, chairs and full-time faculty, supplemented by curriculum vitae and supporting letters from distinguished scholars around the world, are reviewed by the Faculty Senate. The final selection is made by the university provost. Dr. Burton Sobel, Professor of Medicine and Biochemistry, is Director of the Cardiovascular Research Institute at Fletcher Allen Health Care and the University of Vermont. Dr. Sobel, also a consulting cardiologist at Fletcher Allen, has pioneered and contributed to ground-breaking research in cardiology that has had a major impact on how heart-attack patients are treated, including extensive research on the dissolution of blood clots and heart disease in patients with type 2 diabetes. Dr. Sobel, whose research is extensively published, is the recipient of numerous prestigious awards, including a Research Career Development Award from the National Institutes of Health and a Distinguished Scientist Award from the American College of Cardiology, among many others. Dr. Sobel, who graduated with his M.D. magna cum laude from Harvard, has been at UVM since 1994. Dr. Sobel is truly deserving of this award.

Individual Faculty Awards:



Congratulations to **Dr. Mary Cushman** who has been chosen as one of this year's recipients of the UVM Medical School Distinguished Academic Achievement Award. For more information, please visit the following site:

<https://www.med.uvm.edu/Alumni/TB3+CL+BL+3I.asp?SiteAreaID=678>



Congratulations to **Dr. Christopher D. Huston** whose R01 has been written up under Funding News in the National Institute of Allergy and Infectious Diseases June 3, 2009 newsletter:

New Sample R01 Packs a Double Punch

As our fourth example of a successful R01 application, we have posted a resubmission from a new investigator, the first to fall in both those categories.

Many thanks to Dr. Christopher D. Huston from the University of Vermont's Department of Microbiology and Molecular Genetics for allowing us to post his outstanding application, [Molecular Mechanism of Entamoeba histolytica Phagocytosis](#).

Congratulations to **Dr. Flo Foerg** for winning the Leonard Tow Humanism in Medicine Award from the College of Medicine! This award is for excellence in both compassionate patient care and scientific achievement. Dr. Scott Waterman, the presenter for the award noted that Flo was truly an outstanding role model for all physicians.



Dr. Richard Pinckney has been selected as a Frymoyer Scholar for the 2010 and 2011 academic years. Completion of his proposal entitled "The Art of Compassion: A Workshop Series for Medical Professionals" will result in a major contribution to the curriculum of the UVM College of Medicine, as well as an outstanding contribution to medical education.



Dr. Ralph Budd has been named as one of the 2009-2010 University Scholars. In an announcement sent out from the University, the University Scholar Awards Program is described as recognizing "distinguished faculty members for sustained excellence in research

and scholarly activities. The Scholars are selected by a panel of prominent faculty, based upon nominations submitted by UVM colleagues." This award is truly a recognition of excellence. Previous recipients of the University Scholars Award in the Department of Medicine include Dr. Benjamin Littenberg in 2008-2009, Drs. Charles Irvin and Martin LeWinter in 2007-2008 and Dr. Dwight Matthews in 2004-2005.



Congratulations to **Dr. Beth Kirkpatrick** who was one of the 45 nominees for the Association of American Medical Colleges' (AAMC) 2008 Humanism in Medicine Award. The award recognizes a medical school faculty physician who exemplifies the qualities of a caring and compassionate mentor in the teaching and advising of medical students.



Congratulations to **Dr. Harold Dauerman** on being selected for the Simon Dack Award for excellence in the critical evaluations of manuscripts for the Journal of the American College of Cardiology. Approximately 33 individuals of the thousands who review for JACC received this award.



Congratulations to **Dr. Glenn Goldman** on his recent election to the Board of Directors of the American College of Mohs Surgery and also to the Fellowship Training Committee.



Dr. Sheldon Cooper, Professor and Chief of Rheumatology, was recently notified that he has been named a Master of the American College of Rheumatology (ACR). This is a very distinguished award. According to the ACR website:

"Recognition as a Master of the American College of Rheumatology is one of the highest honors the College bestows. The designation of Master is conferred on ACR members, age 65 of older, who have made outstanding contributions to the field of rheumatology through scholarly achievement and/or service to their patients, students, and profession. This honor is usually bestowed upon no more than 15 members per year." The award will be formally made at the annual meeting of the American College of Rheumatology in Philadelphia in October.

UVM College of Medicine:

Class of 2010 Foundations Awards



Outstanding Foundations Course
Cardiovascular, Respiratory & Renal Systems

Foundations Course Director Award
Dr. William Hopkins

Foundations Teaching Award
Dr. William Hopkins

Faculty Promotions

Deborah Adey, MD - Professor of Medicine
Glenn Goldman, MD - Professor of Medicine
Christopher Huston, MD - Associate Professor of Medicine (with tenure)
Charles MacLean, MD - Professor of Medicine
Matthew Poynter, PhD - Associate Professor of Medicine (with tenure)
Mercedes Rincon, PhD - Professor of Medicine (with tenure)
Jonathan Cohen, MD – Clinical Associate Professor
Stephen Smiley, PhD – Adjunct Professor
Andrea Cooper, PhD – Adjunct Professor

Medicine Residency Program Highlights

Research Presentation at FAHC/UVM 2009:

Oral Presentations

Natalie Sinclair MD

Screening Mammogram in Elderly Women

Natalie Sinclair MD, Benjamin Littenberg MD, Hyman Muss MD, Berta Geller PhD

Nicholas Kuhn MD

Rapid Response Teams: Do They Prevent Cardiac Arrest?

Nicholas Kuhn MD, Michael Young MD

Alemnesh Tekle MD

Effects of Radiation and Bone Marrow Transplant in the Mouse Model to Elucidate the Mechanism of ALI in Patients following Stem Cell Transplant

Alemnesh Tekle MD, Benjamin Suratt MD

Enkhtuyaa Mueller MD

Effect of a Computerized Referral at Hospital Discharge on Cardiac Rehabilitation

Enkhtuyaa Mueller MD, Patrick D. Savage, Laura Howland RN, Philip Ades MD,
David Schneider MD

Poster Presentations

Brad Adams MD

A Pilot Study to Evaluate the Effect of Abdomen and Pelvis CT on Management of Abdominal Pain in Neutropenic Patients

Nathan B. Adams MD, Barbara Grant MD
Departments of Medicine and Oncology

Cindy Dion Noyes MD

Quality Improvement for Resident Sign-Out

Cindy Dion Noyes MD, Chad Mitchell MD, Mark Levine MD, Beth Saltzman MD, Suzanne Schermerhorn MD, Paul Slavik MD
Department of Medicine

Alison Jaquith MD

A Case of Reversible Chronic Hypocalcemic Cardiomyopathy

ACP Poster Presentation

Sadie Mills MD

Progesterone and Estrogen Receptor Expression in Slow Transit Constipation

Michelle E. Madden MD, Pauline M. Masley, Sadie E. Mills MD, Mark F. Evans MD, Thomas D. Trainer MD, Gary M. Mawe PhD
Departments of Medicine and Pathology

Benjamin Plank MD

Fcγ RIIa: PECAM-1 and Platelet Reactivity in Patients with Stable Coronary Artery Disease

Benjamin Plank MD, Grace Sullivan, David Schneider MD
Departments of Medicine and Cardiology

Nathaniel Price MD

Thyrotoxic Periodic Paralysis Precipitated by Carbohydrate Load

ACP Poster Presentation

Nathaniel Thompson MD

The Relationship between Tissue Temperature, Microbubble Formation and Steam Pops

Nathaniel Thompson MD, Daniel Lustgarten MD, PhD
Departments of Medicine and Electrophysiology

Lynda Tilluckdharry MD

Medullary Thyroid Carcinoma presenting as an Intracranial Mass

ACP Poster Presentation

Research Presentations at the ACP Fall 2008 VT-NH Meeting

1. Fulminant Babesiosis and the Red Cell Exchange Transfusion.
Maruf Haider, M.D.
2. Value of a computerized Referral at Hospital Discharge on Cardiac Rehabilitation Participation Rates - Enkhtuyaa Mueller, M.D.
3. The Relationship Between Alcohol Consumption and Glycemic Control in Adult Patients with Diabetes in Northern New England - Mia Hockett, M.D.
4. A Case of Reversible Chronic Hypocalcemic Cardiomyopathy –
Alison Jaquith, M.D.
5. Pantoprazole Induce Thrombocytopenia. - Chad Mitchell, M.D.
6. Thyrotoxic Periodic Paralysis Precipitated by Carbohydrate Load –
Nathaniel Price, M.D.
7. Fondaparinux Failure in a Pregnant Woman with a Prosthetic Mitral Valve –
Natalie Sinclair, M.D.
8. Post Apheresis Intracranial Hemorrhage in a Patient Primed with G-CSF for
Allogenic Stem Cell Donation – Dr. Philip Skidd
9. An Uncommon Complication of a Colonoscopy – Nathaniel Thompson, M.D. and
Emily Anderson, M.D.

Research Presentations at the National ACP Spring Meeting 2009

1. The Relationship Between Alcohol Consumption and Glycemic Control in Adult Patients with Diabetes in Northern New England - Mia Hockett, M.D.
2. Thyrotoxic Periodic Paralysis Precipitated by Carbohydrate Load –
Nathaniel Price, M.D.

For more information about our Internal Medicine Residency Training Program, please visit our website at:

http://gme.fletcherallen.org/programs/internal_medicine/programs_offered/internal_medicine_residency/

Career Choices

Fellowship Positions Obtained by Graduates 2009

PGY-3 Residents

Alison Jaquith	Endocrinology	FAHC/UVM
Ben Plank	Cardiology	Rochester
Natalie Sinclair	Hem/Onc	Brown



PGY-2 Residents

Talissa Adkison	Geriatrics	Boston University
Tristan Blackburn	Rheumatology	FAHC/UVM
Matt Coates	GI	Pittsburgh
Sarah Mooney	Infectious Diseases	FAHC/UVM
Sarah Panzer	Nephrology	Colorado
Curtis Weaver	GI	Rochester

Welcome New Interns and Residents:

Categorical (10)

Anish Amin	University of Dundee, United Kingdom
Anne Bantle	University of Minnesota
Jason Brazelton	University of South Alabama
Dan Collins	University of Utah
Emily Glick	University of Vermont
Elizabeth Nimmich	University of South Carolina
Mitchell Nimmich	University of South Carolina
William Prabhu	SUNY – Upstate
Jadqiga Stanek	Collegium Medicum, Jagiellonski University
Kirk Wagensteen	University of Minnesota

Primary Care (2)

Carl Henderson	UMDNJ School of Osteopathic Medicine
Glencora Pontee	Ben Gurion University

Preliminary (9)

Scott Davis	University of Vermont
Alison Fitzgerald	University of Vermont
Dominika Lozowska	Jagiellonski University, Poland
Prem Mathai	St. George's University
Laura McGevna	University of Vermont
Brian Monroe	University of Illinois
Matthew Prall	University of Utah
Nathan Rosenberg	University of Vermont

New PGY2 Residents

- **Olubusola Gomes**
UMDNJ – New Jersey Medical School
- **Matthew Rapp**
George Washington University

Subspecialty Fellowship Highlights

Welcome New Fellows:

Cardiology Unit

Enkhtuyaa Mueller, MD

Guoxiang Chu, MD

Daniel Correa de Sa, MD

Keon Menzies, MD

FAHC/ University of Vermont College of Medicine

University of Cincinnati College of Medicine

Mayo School of Medicine

University of Rochester Medical School

Dermatology Unit

Mark Krasny, MD

University of Montreal School of Medicine

Endocrinology Unit

Incoming Fellow (July 1, 2008):

Anders Carlson, MD; Residency completed at Hennepin County Medical Center, Minneapolis, MN

Hematology/Oncology Unit

Deborah Michelle Rabinowitz-Abrams, M.D.

Residency: Maine Medical Center – Portland, Maine

Nathan Bradley Adams, M.D.

Residency: Fletcher Allen Health Care – Burlington, Vermont

Infectious Diseases Unit

Incoming Fellow Cindy Dion Noyes, MD will be starting the Infectious Disease Unit Fellowship Training Program August 1, 2009 – July 31, 2011. She completed her Residency in Internal Medicine at Fletcher Allen Health Care

Pulmonary and Critical Care Medicine Unit

Tatsiana Palvinskaya, MD – Bridgeport Hospital/Yale Program, Bridgeport, CT

Alexey Knyazhitiskiy, MD – Metro West Medical Center, Framingham, MA

Nephrology Unit

Aized Imtiaz, MD
Pinnacle Health Hospitals
Harrisburg, PA 07/06-06/09

Hameed Latif Hospital
Pakistan 06/05-12/05
10/03-10/04

Rheumatology and Clinical Immunology Unit

Lynda Tilluckdharry, MD – Residency: Fletcher Allen Health Care, Burlington,
Vermont

Congratulations to Our Graduating Fellows:

Cardiology

Walid Saber, MD	Interventional Cardiology Fellowship Training
Takeki Suzuki, MD	EP Fellowship Training
Nicholas Hodgman, MD	Private Practice
Eric Gauthier, MD	Private Practice

Dermatology

Melissa Pugliano-Mauro, MD
Assistant Professor of Medicine, Dermatology
University of Vermont College of Medicine

Endocrinology

Graduating Fellow (June 30, 2009):
Matthew Gilbert, DO; Attending at Fletcher Allen Health Care

Hematology/Oncology

Todd Whitman, M.D.
Plattsburgh, NY (Private Practice)

Infectious Diseases

Graduated Fellow, Britta Denman, DO, will be starting her career at SUNY Medical Center Hospital in Syracuse NY this fall. Prior to starting her new career she will be in Peru taking a course in Tropical Medicine

Pulmonary and Critical Care Medicine Unit

Jaideep Sood, MD – Meadville Medical Center, Meadville, PA
John Morrison, DO – Parkwest Medical Center, Knoxville, TN

Nephrology

Amr Moussa, MD – 08/07-08/09
The Kidney and Hypertension Center
Cincinnati, Ohio

Arvin Santos, MD 07/07-06/09
Sanford USD Medical Center
Sioux Falls, South Dakota

Rheumatology and Clinical Immunology

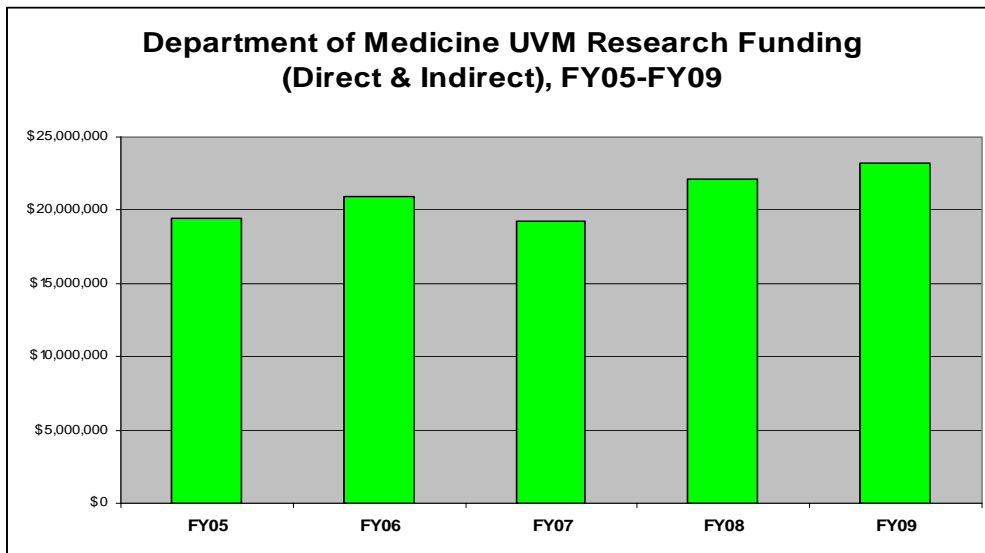
Dean Stephens, MD – UVM/FAHC

DOM Research



Research Funding:

The 2009 fiscal year saw continued growth and excellence in the area of our research mission. The department’s UVM research funding experienced a 5% growth with a total funding increase from \$22.1M to \$23.25M. In response to the American Recovery and Reinvestment Act (ARRA) of 2009, our faculty submitted 45 supplement and challenge grant applications totaling \$11.5M; to date, 5 applications totaling \$2.6M have been awarded. A bulk of this stimulus funding will be used to enhance existing research infrastructure and invigorate ongoing projects.



Major Research Awards, July 2007 - Present

Ralph Budd, MD – NCCR P20 (CoBRE): Vermont Center for Immunology & Infectious Diseases

Mary Cushman, MD – Reasons for Geographic and Racial Differences in Stroke (REGARDS) Project

Chris Grace, MD – Title III HRSA H76 (thru FAHC): OP Early Intervention Services with Respect to HIV Disease

Charles Irvin, PhD – NCRR P20 (CoBRE): Translational Research in Lung Biology & Disease

Martin LeWinter, MD - NHLBI U01: New England, New York, and Quebec Regional Clinical Center

Ben Littenberg, MD – NCRR K30: A Curriculum for Clinical Research Training in Vermont

Beth Kirkpatrick, MD - Awarded a \$4.4 million, 5-to-10 year NIH-funded subcontract to study vaccines against Flavivirus infections, predominantly Dengue Vaccines. UVM will join Johns Hopkins and the University of Washington. The overall award is ~\$31 million/5 years.

Mentored Awards

Dr. Chris Holmes - ACS Scientist Development Grant

Dr. Markus Meyer - AHA Scientist Development Grant

Dr. Neil Zakai - HTRS Mentored Research Fellowship

Dr. Renee Stapleton -AHA National Clinical Research Program

Pathway to Independence Accomplishments

Dr. Ann Dixon – NHLBI R01: Study of Asthma and Nasal Steroids

Dr. Chris Huston – NIAID R01: Molecular Mechanism of Entamoeba Histolytica Phagocytosis

Research Day:

The department held its second, annual Research Day in April. This event continued to provide an excellent venue to assemble our Faculty, Staff, Post Doctoral Associates, and Graduate Students in an environment to celebrate existing research initiatives and explore areas of possible future collaboration. To view a copy of our Research Day Book, please click on the link on the right hand side of our College of Medicine webpage:

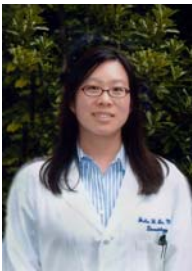
<http://www.med.uvm.edu/medicine/HP-DEPT.ASP?SiteAreaID=513>

New Research Space:

The department received an additional 8,300 square feet of research space in the newly-renovated portion of the Colchester Research Facility (4,600 sq. ft.) and in the Given

Building (3,700 sq. ft.). This new space is being used by the Endocrinology unit which moved from Given 3. The new space in the Given Building is being used to accommodate newly-recruited CoBRE faculty in the department's Vermont Lung Center and Vermont Center for Immunology and Infectious Diseases.

The Department of Medicine Welcomes New Faculty



Julie Lin, MD is a graduate of the University of Pennsylvania Dermatology Residency. She will be joining Fletcher Allen Health Care – University of Vermont College of Medicine in November, 2009. Her interests include general medical dermatology, dermatology of systemic disease, cutaneous lymphoma, bioinformatics, and electronic health records.



Melissa Pugliano-Mauro, MD is a graduate of the Fletcher Allen Health Care Dermatology Residency Program and the Fletcher Allen Health Care Procedural Dermatology Fellowship Program. Dr. Pugliano-Mauro joined the faculty in August, 2009. She has a special interest in skin cancer surgery, laser dermatology, and cosmetic dermatology.



Kim Dittus, MD, PHD joined our faculty as an Assistant Professor. Prior to entering medical school Kim completed a PhD in Nutrition at Washington State University and was on the faculty at Syracuse University. She completed medical school and residency at East Tennessee State University. She joined the FAHC community as a hematology/oncology fellow in 2005. Kim is building on her PhD work focusing on energy balance in cancer patients. She is the co-director of our developing cancer survivorship program and will focus clinically on breast cancer and hematologic malignancies.



Kristen Pierce, MD joined our clinical faculty on July 1, 2008 upon completion of her fellowship training program. She completed her residency and fellowship here at Fletcher Allen Health Care. She carries a full schedule with inpatient, outpatient and teaching responsibilities. She is also involved in the research studies at Vaccine Testing Center.



Erik Riesenfeld, MD joined the Pulmonary and Critical Care Medicine faculty in August 2009. Erik completed his undergraduate and medical school training at the University of Rochester. He was a resident and chief resident in Internal Medicine and trained in pulmonary and critical care at Fletcher Allen Health Care. He is recognized as dedicated teacher, and an outstanding and dedicated clinician. Erik is planning to establish a program in pulmonary rehabilitation, which will serve patients with COPD and a range of other pulmonary disorders, including patients who have survived critical illness. He will practice in the

Medical Intensive Care Unit, on the pulmonary consult service, and also see outpatient pulmonary patients.



Deborah Adey, MD joined the Nephrology Division in March of 2009 as an Associate Professor and was promoted to full Professor as of July 1, 2009. Dr. Adey attended the University of Colorado Medical School, completed her residency at Fletcher Allen Health Care, and fellowship at Fletcher Allen Health Care and the Mayo Clinic. Her areas of interest include Humoral Rejection, Sensitization Against HLA Antigens, and Opportunistic Infections in Transplanted Patients.



Matthew Gilbert, D.O. joined the Endocrinology Division in July, 2009 as an Assistant Professor on the non tenure clinical track. Dr. Gilbert attended the University of New England College of Osteopathic Medicine, completed his residency in Internal Medicine at Mary Imogene Bassett Hospital, and his fellowship here at Fletcher Allen Health Care and the University of Vermont College of Medicine in Endocrinology. His current research interests included incretin hormones and their role in bone turnover. Dr. Gilbert is a member of the Endocrine Society, The American

Association of Clinical Endocrinologists, and The American Diabetes Association.



Annis Marney, MD joins the Endocrinology Division in September, 2009, as an Assistant Professor on the non tenure clinical track. Dr. Marney attended Vanderbilt University School of Medicine, from which she graduated in 2003. She completed her internal medicine residency at Vanderbilt and held a position as a clinical and research fellow in the Division of Endocrinology, Diabetes and Metabolism, also at Vanderbilt. Dr. Marney recently completed her Master's of Science in Clinical Investigation (MSCI), through the Vanderbilt MSCI Program, and her fellowship.

DOM Publications

Members of the Department of Medicine published 330 peer-reviewed articles, chapters, and books over the past year. For the complete list, see the Annual Report. Highlights include:

ALA ACRC Efficacy of Esomeprazole for Treatment of Poorly Controlled Asthma: a randomized Controlled Trial. *N Engl J Med.* 360:1487-99.

BARI 2D Study Group, Frye RL, August P, Brooks MM, Hardison RM, Kelsey SF, MacGregor JM, Orchard TJ, Chaitman BR, Genuth SM, Goldberg SH, Hlatky MA, Jones TL, Molitch ME, Nesto RW, Sako EY, Sobel BE. A randomized trial of therapies for type 2 diabetes and coronary artery disease. *N Engl J Med* 2009; 360(24):2503-2515.

Cotton RGH, Auerbach AD, Axton M, Barash C, Berkovic S, Brookes AJ, Burn J, Cutting G, den Dunnen JT, Flicek P, Freimer N, Greenblatt MS, Howard HJ, Katz M, Macrae FA, Maglott D, Möslein G, Povey SM, Ramesar RS, Richards CS, Seminara D, Smith TD, Sobrido M-J, Solbakk JH, Tanzi RE, Tavtigian SV, Taylor GR, Utsunomiya J, and Watson M, The Human Variome Project, *Science*, 322(5903):861-862, 2008.

Ehlenbach WJ, Barnato AE, Curtis JR, Kreuter W, Koepsell TD, Deyo RA, Stapleton RD. The Epidemiology of In-Hospital Cardiopulmonary suscitation in Older Adults: 1992-2005. *New Engl J Med* 2009 (In press).

Ikram MA, Seshadri S, Bis JC, Fornage M, DeStefano AL, Aulchenko YS, Debette S, Lumley T, Foldom AR, van den Herik EG, Bos MJ, Beiser A, Cushman M, Launer LJ, Shahar E, Struchalin M, Du Y, Glazer NL, Roasmind WD, Rivadeneira F, Kelly-Hayes M, Lopez OL, Coresh J, Hofman A, DeCarli C, Heckbert SR et al., Genomewide association studies of stroke. *New Engl J Med.* 2009;360:1718-28.

McDermott MM, Ades PA, Guralnik JM, Dyer A, Ferrucci L, Liu K, Nelson M, Lloyd-Jones D, Van Horn L, Garside D, Kibbe M, Domanchuk K, Stein JH, Lia Y, Tao H, Green D, Pearce WH, Schneider JR, McPherson D, Laing ST, McCarthy WJ, Shroff A, Criqui MH. A randomized controlled trial of treadmill exercise and resistance training, respectively, in peripheral arterial disease participants with and without intermittent claudication. *JAMA* 2009;308:165-174.

Muss HB, Berry DA, Cirrincione CT, Theodoulou M, Mauer AM, Kornblith AB, Partridge AH, Dressler LG, Cohen HJ, Becker HP, Kartcheske PA, Wheeler JD, Perez EA, Wolff AC, Gralow JR, Burnstein HJ, Mahmood AA, Magrinat G, Parker BA, Hart RD, Grenier D, Norton L, Hudis CA, Winer CP: CALGB Investigator. Adjuvant Chemotherapy in Older Women with Early-Stage Breast Cancer. *N Engl J Med* 2009 May 14;360(20):2055-65.

Sorrell MF, Strader DB, Belongia EA, Costa J, Gareen IF, et al. National Institutes of Health Consensus Development Conference Statement: Management of Hepatitis B. *Hepatology* 2009 May;49(5 Suppl):S4-S12, and published in: *Ann Intern Med* 2009 Jan 20;150(2):104-110.

DOM National Roles

Department of Medicine faculty members participate in myriad national roles, including those highlighted below. For more information please see our Annual Report.

Burton Sobel, MD – Coronary Artery Disease (Editor)

Martin M. LeWinter, MD – Member, NHLBI CICS Study Section

Robert J. Kelm, PhD – Member, NIH Special Emphasis Panel/Scientific Review Group 2009/01 ZRG1 F04B-L (20), Biophysical and Biochemical Fellowships

Philip Ades, MD – NIH Study Section: NIA-C National Institutes on Aging

Glenn D. Goldman, MD – American College of Mohs Surgery, Board of Directors

Thomas Jetton, PhD – American Diabetes Association: Member, Scientific Review/Research Grant Committee

Doris Strader, MD – Member of Publications Committee for “Hepatology” and “Liver Transplantation”: the two journals sponsored by the American Association for the study of Liver Diseases (AASLD). Term beginning October, 2008 and ending October, 2011

Naomi Fukagawa, MD PhD – Vice-Chair, 2010 Dietary Guidelines Advisory Committee, U.S. Departments of Agriculture (USDA) and Health and Human Services (HHS)

Naomi Fukagawa, MD PhD – Editor-in-Chief, Nutrition Reviews

Steven Grunberg, MD – American Society of Clinical Oncology, Editor, ASCO Program/Proceedings 2000-2010

Mary Cushman, MD MsC – Associate Editor, Journal of Thrombosis and Haemostasis

W. Kemper Alston, MD – Food and Drug Administration, Center for Drug Evaluation and Research, Anti-Infective Drugs Advisory Committee

Virginia Hood, MD – Member, American College of Physicians of Regents; Chair, Ethics, Professionalism and Human Rights Committee; Chair, International Council

Renee D. Stapleton, MD MsC – American Thoracic Society, Chair-Elect 2009-2010 (scheduled as Chair 2010-2013), Committee for Members in Transition and Training

Anne Dixon, MD – Chair, American Thoracic Society Membership Committee

Charles Irvin, PhD – Chairman, Executive Steering Committee for NIH NCRR NISBRE

Matthew Poynter, PhD – Standing Member, NIH/NHLBI Special Emphasis Panel reviewing K08/K02/K22 applications

Ralph Budd, MD - NIH Study Section - Immunity and Host Defense 2005-2009, Chair, 2007-2009

New Clinical Services



Pulmonary and Critical Care Medicine – the multi-disciplinary lung clinic continues to expand and now provides one stop care for patients with suspected lung cancer. In addition we are developing a specialist interstitial disease lung clinic, which will be run jointly by pulmonary and rheumatology to provide specialist care for patients with complex rheumatologic disease with pulmonary

involvement.

Over the last 12 months we have expanded our capability to perform endo-bronchial ultrasound, and a number of pulmonary providers are now training to perform this new procedure. This gives us greatly enhanced ability to sample lesions outside the airway, and is an important diagnostic modality for patients with lung cancer and diseases such as sarcoidosis.

In 2009 the members of the Pulmonary and Critical Care Division expanded their clinical services, and at the same time gained national and international recognition for their research programs, making major contributions to our understanding of the mechanisms and treatment of a broad range of lung diseases.



Dermatology –

- Multidisciplinary melanoma clinic
- Cutaneous laser surgery
-

Infectious Diseases –

- New Refugee clinic
- New Curbside Clinic started in February, 2009
- Vaccine Testing Center
- H1N1 virus, FAHC Command Center





Gastroenterology –

- New Procedure: Cholangioscopy with Intraductal Biliary Laser Lithotripsy, performed by Stephen Willis, MD

A Bit of History: A Few of DOM Contributions To Medicine

First Inpatient Electronic Record: Dr. Larry Weed

Home of S.O.A.P.: the Problem Oriented Medical Record and Problem Oriented System

Part of the team that established CRP as a cardiovascular risk factor

First regional, multi-institutional, laboratory-based registry of diabetes patients

Oldest primary care track IM Residency program

First description of a role of histamine receptors in autoimmunity

First description of impaired myocardial calcium transport in human heart failure