Message from the Department Chief

We are very pleased to present the first edition of the Department of Medicine Research Newsletter! It is truly exciting to see the tremendous contributions our staff physicians, trainees, nurses and technicians are making across all our medicine specialties/subspecialties. I sincerely appreciate the countless hours and energy that you all invest in these projects and protocols, as I know that much of it is done on your own time – in addition to providing exceptional patient care and education.

Our intent is to provide quarterly updates of the research activity of the Department of Medicine to allow us to see what is happening in each of the Services. It has already been fun to see the depth and breadth of your academic involvement at the regional, national, and international levels in this past 6 months – very impressive!

Thanks for all your efforts. Keep up the great work! Special thanks to CDR Saira Aslam and all the subspecialty research coordinators for putting this together.

COL Stuart Roop, Chief, Department of Medicine

Research Coordinators

Allergy & Immunology: LTC Paul Keiser (acting) for CDR Sat Gada
Cardiology: LTC Todd Villines
Hematology/Oncology: MAJ David Van Echo
Dermatology: MAJ(P) Jason Marquarat
Gastroenterology: CDR Patrick Young
General Internal Medicine: Dr. Harry Burke, Mr. Sean Lynch
Infectious Disease: COL Mike Zapor
Nephrology: MAJ Stephen Olson
Optometry: Dr. Aaron Tarbet
Pulmonary & Critical Care: MAJ Aaron Holley
Rheumatology: LTC Jess Edison
Manuscripts


- **Engler RJM, Klote MM.** Sex Differences in Immune Responses to Vaccines, NIH, NIAID Jordan Report: Accelerated Development of Vaccines 2012.


- **Keiser PB, Broderick M.** Meningococcal Polysaccharide Vaccine Failure in a Patient with C7 Deficiency and a Decreased Anti-capsular Antibody Response. Hum Vaccin Immunother. 2012 May;8(5).


- **National Vaccine Advisory Committee collaborators (60) to include Engler RJ.** A pathway to Leadership for Adult Immunization: Recommendations of the National Vaccine Advisory Committee: Approved by the National Vaccine Advisory Committee on June 14, 2011. Public Health Rep. 2012 Jan-Feb;127 Suppl 1:1-42.

Oral Presentations


- **Engler RJ, “Vaccine Healthcare Centers Updates,” American Academy of Allergy, Asthma and Immunology (AAAAI) Annual Meeting, Orlando, FL, March 2012.**

- **Montgomery JR, “How (and Why) the Uniformed Services Perform Surveillance for Vaccine Adverse Events”, American College of Preventive Medicine annual conference, Orlando, FL, 25 February 2012.**

- **Montgomery JR, “Lessons Learned from Vaccine Adverse Events Surveillance,” Armed Forces Infectious Diseases Society annual meeting, Rockville, MD, 23 April 2012.**

- **Nelson M, Mikita C, Blaiss M, Kosisky S, Martin B. “Allergy Diagnostics and Immunotherapy: The Nuts, the Bolts, the Science and the Art Workshop,” American Academy of Allergy, Asthma, and Immunology annual meeting. Orlando, FL 2012**
**Published Abstracts**


**Leadership Roles in National Society**

* Banks, T., American Academy of Asthma, Allergy and Immunology, Junior Fellow-in-Training Representative.*

* Beakes, D., President, Greater Washington Allergy Asthma and Immunology Society.*

* DeGuzman, R., Chair, Vaccine and Biological Threats Committee, American Academy of Asthma, Allergy and Immunology.*

* Huebner, S., American Academy of Asthma, Allergy and Immunology, Fellow-in-Training Representative.*

* Keiser, P.B., American College of Asthma, Allergy and Immunology, Fellow-in-Training Representative.*

* Mikita, C., Vice Chair, Vaccine and Biological Threats Committee, American Academy of Asthma, Allergy and Immunology.*

* Mikita, C., Charter Member of AAAAI Leadership Initiative.*

* Nelson, MR., ACGME Allergy-Immunology Milestone Project Chair.*

* Nelson, MR., American Board of Allergy-Immunology, Treasurer.*

* Nelson, MR., ACGME Allergy-Immunology Residency Review Committee, Vice Chair Elect.*

**Invited Grand Rounds**

* Montgomery JR., “Vaccine-Associated Adverse Events,” Fort George G. Meade Army Medical Center, 28 March 2012.*

* Nelson M. “Immunotherapy Practice Parameters and Beyond.” Johns Hopkins Allergy-Immunology Grand Rounds, Baltimore, MD, April 2012.*

**Cardiology**

**Manuscripts Published in Peer-Reviewed Journals**


Manuscripts Published in Peer-Reviewed Journals


Oral Presentations & Posters Presented at National Society Meetings


Published Abstracts

- **Pickett CA, Hulten E, Goyal M, Surry L, Villines TC.** Accuracy of Traditional Age, Gender and Symptom Based Pre-test Estimation of Angiographically Significant Coronary Artery Disease in Patients Referred for Coronary CT Angiography. Journal of the American College of Cardiology 2012;59(13):E1516.

*Note: all published abstracts listed below were also presented in poster or oral format and are not further re-stated here.
Published Abstracts (continued)


Leadership Roles

* **COL Randolph E. Modlin**, Army representative to the American College of Cardiology Board of Governors.

* **Dr. Mark Haigney**, Data Safety and Monitoring Board, MADIT RIT study, international trial to reduce inappropriate therapy with ICD.

* **Dr. Mark Haigney**, Mortality committee, MADIT CRT study, international trial to compare CRT versus ICD for the prevention of heart failure and death.

* **Dr. Mark Haigney**, American Pain Society, guideline committee for methadone therapy.

* **CPT Michael Cheezum**, Selected as an inaugural Delegate, Fellow and Resident Leaders of the Society of Cardiovascular Computed Tomography (SCCT FIRST) Executive Committee.
Leadership Roles

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- **CPT Michael Cheezum**, Selected as an inaugural Delegate, Fellow and Resident Leaders of the Society of Cardiovascular Computed Tomography (SCCT FIRST) Executive Committee.
- **CAPT Michael Ferguson** - Navy representative to the American College of Cardiology Board of Governors.
- **LTC Linda Huffer** - received the local AHA Chapter “Heart Hero” award. February 2012.
- **LTC Todd C. Villines** – Society of Cardiovascular Computed Tomography (SCCT) Annual Scientific Meeting - Program Planning Committee Member.
- **LTC Todd C. Villines** – SCCT Annual Scientific Meeting - Abstract Grading Committee Member.
- **LTC Todd C. Villines** – Selected as the SCCT’s Representative to the American College of Physicians (ACP) and American Society of Nuclear Cardiology (ASNC) collaborative working group and study on ‘Global Imaging Education and Performance Needs Assessment’ - 2012.
- **LTC Todd C. Villines** – Abstract grader, American College of Cardiology Meeting, March 2012. Peer-reviewer for 16 journals.
- **LTC Todd C. Villines** – Associate Editor, Journal of Cardiovascular Computed Tomography (JCCT).
- **LTC Todd C. Villines** – Editorial Board Member, Journal of Clinical and Experimental Cardiology.
- **LTC Todd C. Villines** – selected as co-Section Editor (w/Dr. Stephan Achenbach) of the Cardiac CT Section of the peer-reviewed journal Current Cardiovascular Imaging Reports.

Invited Grand Rounds

- **LTC Todd C. Villines** – Johns Hopkins Cardiology Service Grand Rounds. Johns Hopkins University Hospital, Baltimore, MD on 30 April 2012. “Cardiac CT in 2012: Lessons Learned from the CONFIRM Registry and Moving Beyond Lumen Stenosis”.
Manuscripts Published in Peer-Reviewed Journals

- Williams SG, Lettieri CJ, Dombrowsky J. Strategies to Improve CPAP Adherence. Accepted for publication. Clinical Pulmonary Medicine.
- Holley AB. Will minimizing dyspnea impact sleep quality? Sleep Breath 2012 Feb 23. [Epub ahead of print]
- King CS, Holley AB, Moores LK. Contemporary Reviews in Pulmonary Medicine: Towards a more ideal anticoagulant: The oral direct thrombin and factor Xa inhibitors. Chest (submitted)

Oral Presentations and Posters Presented at National Society Meetings / Published Abstracts

**Oral Presentations and Posters Presented at National Society Meetings / Published Abstracts**

- **Covelli J, Myers J.** Aspergillus Fungal Empyema: 15 Year Follow-up and Review of the Literature. Podium Presentation.
- **National ACP 2012 New Orleans, LA.**

**Leadership Roles**

- **Lettieri, Chris.** Chair, Education Committee Member, American Academy of Sleep Medicine—Executive Committee, American Sleep Medicine Foundation, Editorial Board, Sleep & Breathing, Editorial Board, MedScape, Peer Reviewer, 8 medical journals.
- **Holley, Aaron.** peer reviewer, 2 medical journals.
- **Myers, Janet.** Chair, Women’s Health Network, American College of Chest Physicians (Two Year term 2011-2013).
- **Mikita, Jeff.** Specialty Advisor for Internal Medicine, Army Central Simulation Committee.
- **Roop, Stuart.** Governor of the Army Chapter of the American College of Chest Physicians (ACCP).

**Invited Grand Rounds**

- **Lettieri, Chris.** Using technology to enhance CPAP Adherence. George Washington University Hospital, May 2012
- **Mallia, Anantha.** Invited speaker at an Emergency Medicine at the Naval Medical Center-Portsmouth EM residency Grand Rounds Ventilator Management in the ED: May 16th, 2012.
- **Williams, Scott.** "What All Commander Should Know About Sleep," Given to Chief of Staff and the command/deputy commanders at the White House Communication Agency.
- **Dombrowsky, Joseph.** "What All Commander Should Know About Sleep," Given to Chief of Staff and the command/deputy commanders at the White House Communication Agency.
- **Moores, Lisa.** Clinical Problems in Pulmonary Embolism. 2nd Annual American College of Chest Physicians-Hellenic Thoracic Society Board Review Course; Athens, Greece; June 2012.
  - Clinical Problems in Bronchiectasis. 2nd Annual American College of Chest Physicians-Hellenic Thoracic Society Board Review Course; Athens, Greece; June 2012.
  - Cases in Pulmonary Embolism and Bronchiectasis. 2nd Annual American College of Chest Physicians-Hellenic Thoracic Society Board Review Course; Athens, Greece; June 2012.
  - The New Anticoagulants in VTE. ATS State of the Art 2012; Dallas, TX March 2012.
  - VTE: Diagnosis and Duration. ATS State of the Art 2012; Dallas, TX March 2012.
**Manuscripts Published in Peer-Reviewed Journals**


**Publications**


**Oral Presentations and Posters Presented at National Society Meetings / Published Abstracts**


**Leadership Roles**


**Invited Grand Rounds**

- Edwarda M. Buda-Okreglak, MD, FACP. March 29, 2012, “JAK2-Associated Disorders Demystified.” VA Medical Center-WNY, Buffalo, NY.
Manuscripts


Leadership Roles in National Societies

* Abbott KC. Associate Editor American Journal of Kidney Disease.

* Abbott KC. Associate Editor American Journal of Nephrology.

* Abbott KC. Associate Editor BMC Nephrology.

* Abbott KC. Editorial Board Clinical Journal of the American Society of Nephrology.

Invited Grand Rounds

* Abbott, KC. Moderator, Update in Patient-Centered Outcomes Research in Kidney Disease, Pre-meeting symposium, American Society of Nephrology Kidney Week, San Diego, CA, Oct 31 2012.


* Olson SW. Invited Speaker, Autoantibodies in Anti-GBM Disease, Pre-meeting symposium: Advances in Research Conference: Autoimmunity and Alloimmunity, American Society of Nephrology Kidney Week, San Diego, CA, Oct 31 2012.
Manuscripts Published in Peer-Reviewed Journals

* **Story S, Beschloss J, Dolan C, Thomas B.** Eccrine Squamous Syringometaplasia Associated with Vemurafenib Therapy. Accepted for publication March 2012. JAAD


* **Maher I, Bingham JL, Mellette JR.** Running G.A.M. Suture. Dermatologic Surgery. Accepted for publication April 2012


* **Hanfield K, Dolan C, Kaplan M.** Hazardous Duty: Deployed Marine presents with Cholinergic Urticaria with Anaphylaxis. Accepted for publication in Cutis (Manuscript Number 11—266).


* **Adams EG, Brewer M, Galeckas KJ.** The Diagnosis: Radiation Recall Dermatitis.. Cutis. Accepted for publication 2012.


Oral Presentations

* **Burke K, Thomas B.** “Fox-Fordyce Disease: It’s all about how you slice it” presentation at the Gross and Microscopic Dermatology Symposium at the annual American Academy of Dermatology meeting, Sand Diego, CA, 16-17 March 2012.


Leadership Roles in National Societies


* **Erins, Adams.** Women's Dermatologic Society, WDS Mentorship Committee, member, 2012-present.

* **Krivda, SJ.** American Academy of Dermatology, AAD Research Committee, member 2011-present.

* **Thomas, BC.** Basic Self-Assessment of Dermatopathology Invited instructor at the 2012 Annual Meeting of the American Academy of Dermatology, San Diego, CA; March 2012.
Manuscripts Published in Peer-Reviewed Journals


Leadership Roles in National Societies

- Keith MP. Editorial Board, American Journal of Orthopedics.
Manuscripts


- **Gutierrez R, Goldberg M, Young PE, Riddle MS.** Management of a Service Member Presenting with a Complaint of Chronic Diarrhea During or Upon Returning from Deployment. *Mil Med.* In press.


- **Ally MR, Dias JA, Veerappan GR, Maydonovitch CL, Wong RKH, Moawad FJ.** Safety of Dilation in Eosinophilic Esophagitis. Accepted for publication. Diseases of the Esophagus.

- **Moawad FJ, Dias JA, Veerappan GR, Maydonovitch CL, Wong RKH.** Race May Play a Role in the Clinical Presentation of Eosinophilic Esophagitis. Accepted for publication. *Am J Gastroenterol.*

- **Kwok RM, Damiano MN, Moawad FJ.** Actively Bleeding Dieulafoy Lesion Identified in a Critically Ill Patient Only After the Use of Hydrogen Peroxide. Accepted for publication. *Am J Gastroenterol.*


- **Ally MR, Betteridge JD, Veerappan GR.** Delayed hypersensitivity reaction with infliximab: Unusual to occur after initial


**Oral Presentations**

* Young PE. “Improving Adenoma Detection” - session moderator, Digestive Diseases Week, San Diego, CA. May 2012.
* Young PE. “Multiple small feedings of the mind: gastroenterology” American College of Physicians Annual Session 2012, New Orleans, LA. April 2012.
* Goldberg ME. Long-term analysis of outcomes associated with endoscopic spray cryotherapy for Barrett’s esophagus with and without dysplasia Podium Presentation, North American Conference of Gastroenterology Fellows, March 2012 Poster Presentation, Digestive Disease Week, May 2012
* Ally MR, Maydonovitch CL, Wong RK and Moawad FJ. Association of Schatzki’s Rings in Eosinophilic Esophagitis. Presented at Digestive disease week in May 2012 in San Diego, CA

**Leadership Roles in National Society**

* Young, PE. American Society for Gastrointestinal Endoscopy Lower GI Committee, American College of Gastroenterology Public Relations Committee, Reviewer American Journal of Gastroenterology, Reviewer Clinical Gastroenterology and Hepatology, Reviewer Journal of Clinical Oncology.
* Cash BD. ACG Governor, Military Chapter Chair, ASGE Standards of Practice Committee, ACR Appropriateness Committee, Chair ACG Maintenance of Certification Committee, Associate Editor, American Journal of Gastroenterology, Associate Editor ACG Universe, Section Editor Current Gastroenterology Reports, Editorial Board Gastroenterology and Hepatology, Editorial Board Gastroenterology Research and Practice, Editorial Board, BMC Gastroenterology, Editorial Advisory Board Journal of Gastroenterology and Hepatology
* Veerappan G. Crohn’s Colitis Foundation of America, Patient Education Committee (2012-2015), Reviewer American Journal of Gastroenterology, Reviewer Inflammatory bowel disease journal, Reviewer Archives of Internal Medicine, Reviewer Annals of Internal Medicine.

**Invited Grand Rounds**

* Cash BD. Medicine Grand Rounds, University of South Alabama, Mobile, AL, June 13, 2012
* Veerappan G. “Inflammatory bowel disease and anti-TNF therapy” at Chesapeake Society of Gastroenterology Nurses and Associates Spring Education Program, March 4th, Wilmington, Delaware 2012
A patient returning from Africa finds a mass imbedded in the skin of her right foot. Clin Infect Dis (in press)

Chlorhexidine gluconate reduces transmission of Methicillin-resistant Staphylococcus aureus USA300 among Marine recruits. Infect Control Hosp Epidemiol (in press)


Leadership Roles

Hartzell, J. CDC Q fever Working Group


**Published Abstracts**
**Publications**


**Posters Presented at National Society Meetings**


**Presentations and Workshops**


Leadership Roles

* Cooper Barbara Ethics Committee Member for Society of General Internal Medicine
* Cooper Barbara Committee Member for Duty Hours Task Force Association of American Medical Colleges
* Corso, Kent Radio Interview: April 30, 2012 Hearsay with Kathy Lewis on NPR (WHRV 89.5)
  Topic - Battle Cry For Help: Veteran Suicide Prevention
* Corso, Kent. Appointed to Working Group for American College of Physicians/The Carter Center Teamwork Work Group
  Developing reforms to health education systems (including GME) to ensure that as health reform continues, patients have
  access to primary care that can help them better manage their total health, including behavioral health
  needs.
* Corso, Kent. Collaborative Family Healthcare Association: Appointed Member of the Membership Committee
**Research Awards**

**Allergy Awards**


**Pulmonary Awards**

* Lettieri, Chris. Par Sleep Disordered Breathing Research Award - American Sleep Apnea Association

* Holley, Aaron. BKA/RAP Competitions: The Effects of Obesity, Renal Failure, and Neuraxial Blockade on Venous Thromboembolism prophylaxis in Hospitalized Patients Jacob F Collen MAJ, MC, USA; Joshua Mitchell CPT, MC, USA; Sarah Petteys CPT, MC, USA; Aaron B Holley MAJ, MC, USA Venous Thromboembolism, Bleeding, and Venous Thromboembolism Prophylaxis Rates for Wounded Soldiers Hospitalized at the Walter Reed Army Medical Center Sarah Petteys, MD; Joshua Mitchell, MD; Jacob Collen, MD & Aaron Holley, MD.


**Nephrology Awards**

* Poirier M, Olson SW: Top abstract award/podium presentation Regional National Kidney Foundation: “MPO Antibodies Associate with the Future Diagnosis of Proliferative Lupus Nephritis.”

**Dermatology Awards**

* Jarrell, AD. “Basal cell carcinoma on the ear is more likely to be of an aggressive phenotype in both men and women” 1st Place, Association of Military Dermatologists, Staff Research Award. March 2012.

**Rheumatology Awards**

* Ashford, Bailey K. Award Best Poster Staff/Fellow Laboratory Category April 2012. Phillips, Robert A. Research Award Staff/Fellow, Laboratory Category April 2012. DC Rheumatism Society Research Award May 2012.

* Bailey K Ashford. Award Best Poster Staff/Fellow Laboratory Category April 2012, Robert A Phillips Research Award Staff/Fellow Laboratory Category April 2012, DC Rheumatism Society Research Award May 2012.


**Rheumatology Awards**


**Gastroenterology Awards**

* Moawad FJ. Robert A Phillips Winner (Staff/Fellow clinical category)

**Infectious Disease Awards**

* Ganesan, A. Maher Award