

WORD ON THE STREET

THE NEWSLETTER OF THE DEPARTMENT OF MEDICINE

JULY/AUGUST 2007



THE FIRST WORD

ROBERT M. STRIETER, MD
CHAIRMAN

Welcome new faculty! This summer the DoM will become home to 19 new faculty within our divisions. I would like to welcome everyone to UVa, and ask that all of our faculty and staff help to make our newcomers feel welcome.



CARDIOVASCULAR MEDICINE:

Robert Battle—
Associate Professor
Kenneth Bilchick—
Assistant Professor
Pamela Mason—
Assistant Professor

ENDOCRINOLOGY

Carmella Evans-Molina—
Instructor
Shetal Padia—
Assistant Professor

GASTROENTEROLOGY

Curtis Argo— Instructor
Brian Behm—
Assistant Professor

Diklar Makola—Instructor
Andrew Wang— Instructor

GENERAL MEDICINE

Lindsay Friesen—
Assistant Professor
Aval-Na'Ree Green—
Assistant Professor
Preston Reynolds— Professor

HEMATOLOGY/ ONCOLOGY

David Mack—
Assistant Professor
Paula Fracasso— Professor
Heather West—
Assistant Professor

INFECTIOUS DISEASES

Kristine Peterson—
Assistant Professor
Jeffrey Tessier—
Assistant Professor

PULMONARY

Cynthia Brown—
Assistant Professor
Manojkumar Patel—
Assistant Professor

In addition to expanding our faculty, the DoM is also taking steps to expand our areas of care within central Virginia. I have been working with the division chiefs to develop plans for expansion into Augusta and Culpeper. We are also working to assemble a faculty focus group to look at issues related to AMC/ Culpeper expansion. If you would be interested in joining the focus group, please contact my office. ☐

THREE DOM SPECIALTIES RANKED IN "AMERICA'S BEST HOSPITALS"

US News and World Report's July 16, 2007 issue ranked seven UVa medical specialties in its 18th annual list of "America's Best Hospitals", three of them in the Department of Medicine: Endocrinology (8), respiratory diseases (39), and digestive disorders (47). In addition, gynecology (22), cancer (27), neurology/neurosurgery (29), and urology (49), made the list. There are sixteen areas in which a hospital can be ranked, and according to US News only three percent of the over 5,000 hospitals studied ranked in more than one area of specialty. The full list of rankings can be seen on the US News website: <http://www.usnews.com/usnews/home.htm> ☐

MEDICAL GRAND ROUNDS

UPCOMING SPEAKERS

AUGUST 7

PAT NORTHUP, GASTROENTEROLOGY

AUGUST 14

GEORGE HOKE, GENERAL MEDICINE

AUGUST 21

SHEILA CROWE, GASTROENTEROLOGY

AUGUST 28

AJEET VINAYAK, PULMONARY

SEPTEMBER 4

JORJE PLEUTZKY, VISITING SPEAKER

[Click to view the full schedule](#)

DATES AND DEADLINES

AUGUST 17

P&T candidate portfolios due to Cathy KJ (3-6889).

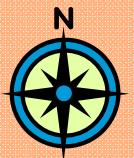
MAY 30, 2008

DoM Research Day

NAVIGATION

VC/AC ARTICLES

- EDUCATION [2](#)
- FACULTY DEVELOPMENT [3](#)
- FINANCE AND ADMINISTRATION [3](#)
- RESEARCH [5](#)



DIVISION NEWS, PUBLICATIONS, & GRANTS [7](#)

JERRY DONOWITZ & MICHAEL REIN

SECOND YEAR PHYSICAL DIAGNOSIS

We will soon be engaged once again in the Second Year Physical Diagnosis Exercise, which is part of Practice of Medicine (POM2). Each faculty member will be assigned a second year student with whom to conduct three exercises as an introduction to the complete patient evaluation. Each student will obtain a complete history and perform a complete physical (excepting genitals and breasts) examination on three patients. The student will present each patient to you and provide a written work up. You will observe the complete interaction between the student and the patient during the second exercise. Over the decades of our participation, most of our mentors have done an excellent job with these important exercises; however, allow us to clarify the expectations of the Department of Medicine:

1. Please be responsive to the student's contacting you. Multiple unsuccessful attempts by the student to reach you are unacceptable. Although it is the student's responsibility to contact you initially, you are expected to return phone message or emails promptly.
2. Make and keep appointments with the student to schedule each of the three exercises. Do not bunch the exercises or schedule them during exam periods, and be sure to complete each exercise within the allotted time.
3. Select a patient for each exercise - this is best accomplished by going up to the floor or clinic and actually talking to prospective patients. The housestaff can provide excellent leads to suitable patients (you will receive a schedule of their rotations).
4. Select patients with an educational variety of primary problems, not just those in your own subspecialty.
5. Introduce the student to each patient and schedule a time to hear the student presentation. Do not interrupt these meetings for other activities.

6. Review each written workup, make comments, and meet with the student to review it.
7. Make sure to observe the entire second exercise. This time should not be interrupted by other activities.
8. Please do not suggest to the student that you really don't want to do this or are too busy or too important to participate.
9. Tailor your expectations to the educational level of a second year student.
10. It is vital that you provide an evaluation of your student in a timely manner.

You will next month receive a packet from the POM Course containing: General Guidelines for the activity, OSCE procedural checklist, History Taking and Case Presentation Write up, and a Sample Complete Write Up. These will outline the mechanics of the course and describe expectations of a second year student.

Participation in this important educational exercise is expected of every Clinical Educator and Local Clinical Faculty member and is a part of departmental citizenship. Participation is required for you to receive teaching dollars. Participation provides six Teaching Relative Value Units (TRVU) towards the FRP, and a favorable evaluation by your student can be a fine part of your teaching portfolio.



2007 FELLOWSHIP MATCHES

The following housestaff have matched for fellowship positions beginning in 2008. Congratulations to everyone.

- Madeline Adams, Allergy, UNC
- Tracy Bercu, ID, UCLA
- Hem Bhardwaj, Cardiology, MCV
- Lamia Boric, Heme-Onc,
University of Pittsburgh
- Andrew Brock, GI, MUSC
- Heather Brooks, Heme-Onc,
MD Anderson
- Shivam Champaneri, Endocrine,
Johns Hopkins
- Rene Claxton, Palliative Care,
U. Pittsburgh
- Matt Crist, ID, Vanderbilt
- Dave Frantz, GI, UNC
- Jaime Green, ID, UCSD
- Brian Hanrahan, Cardiology, UNC
- Ben Holland, Cardiology,
Wake Forest
- Karen Hsu-Blatman, Allergy,
Northwestern
- Shevin Jacob, ID,
University of Washington
- Jamie Kennedy, Cardiology, UVA
- Jen Kirby, Endocrine, UVA
- Lillian Kizer, Geriatrics, UVA
- Jason Lewis, GI,
University of Michigan
- Helena Levitt, Endocrine,
University of Pittsburgh
- Anshu Mahajan, GI, UVA
- Chris Moore, ID, UVA
- Farah Morgan, Endocrine, UVA
- Mark Pajeau, Heme-Onc,
West Virginia University
- Jen Park, Endocrine, UCSF
- Jim Richter, GI, UVA
- Cynthia Snider, ID, UVA
- Rodney Snow, Endocrine, UVA
- Adrienne Tinana, Allergy,
University of Texas, Galveston
- Dave Winchester, Cardiology,
University of Florida

COLEEN MCNAMARA & MITCH ROSNER

FELLOWS AND RESIDENTS MEET WITH NATIONAL INSTITUTES OF HEALTH

One of the missions of the office of faculty development is to support trainees in the Department of Medicine as they move along their career paths. This is especially important for those trainees thinking about a career in academic medicine. Increasingly, the scope of potential training opportunities has been complex and daunting. In order to demystify this process and provide support for those trainees interested in a career in clinical investigation, a meeting with

a representative from the National Institutes of Health (NIH) was scheduled to review various government supported training pathways.

On July 12, 2007 residents and fellows from the various divisions in the Department of Medicine met with Dr. Judith Podskalny from the National Institutes of Health. Dr. Podskalny is the Director, Research Director, Research Fellowship & Career Development and Digestive Disease Centers Programs. This program was co-supported with the Digestive Disease Center of Excellence. Dr. Podskalny reviewed various training

grants (the K-series) and how these applications should be completed and what criteria are used for judging the grant submissions. Furthermore, she also reviewed the transition to higher-level independent funding (the R-series). Finally, residents and fellows were invited to ask questions.

The program was highly successful and provided an opportunity for trainees to hear about funding opportunities. We hope that this will be the first in series of developmental programs to help enlist trainees in the pursuit of clinical investigation. ☐

FINANCE & ADMINISTRATION

BESS WILDMAN

As we have reported throughout the year, our actual charges and collections have lagged behind budget for nearly the entire year. I am pleased to report that after a challenging year, we actually exceeded our year-end collection budget by \$322,068. Our final Charges were \$79,838,936 and Collections were \$28,443,639. We hope that the strong gains in the collections for the last two months of the fiscal year will help lead us to a year end surplus. HSF books will close in late July and by the end of the month we will have a better sense of the Department's bottom line.

I want to thank all of the physicians who have worked closely with us to enhance education and speed time to post charges and collections. Your involvement and commitment is clearly reflected in these figures. I want to especially thank all of the billing staff who have worked so hard during this past 12 months. Despite the challenges of staff turnover and the HSF special project, their commitment and dedication to the Department has been unwavering. Their outstanding effort has been greatly appreciated. ☐

	YTD	Budget	YTD Variance
Charges	\$ 79,838,936	\$ 80,361,753	\$ (522,817)
Net Collections	\$ 28,443,639	\$ 28,121,571	\$ 322,068

	JUNE	Budget	Mar. Variance
Charges	\$ 7,580,835	\$ 6,818,692	\$ 762,143
Net Collections	\$ 3,162,999	\$ 2,362,212	\$ 800,787

Color graphs depicting our charges and collections by month can be found on the next page.

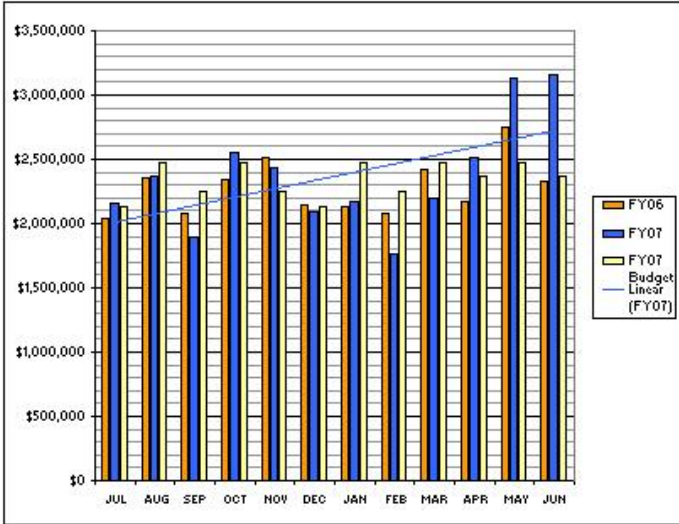
OOPS!

A mistake in the previous issue of Word on the Striet caused three names to be omitted from the list of Departmental Awards for Excellence winners. The following employees also earned awards for Administration:

- Stephanie Bingler
- Elaine Day
- James Fredrick

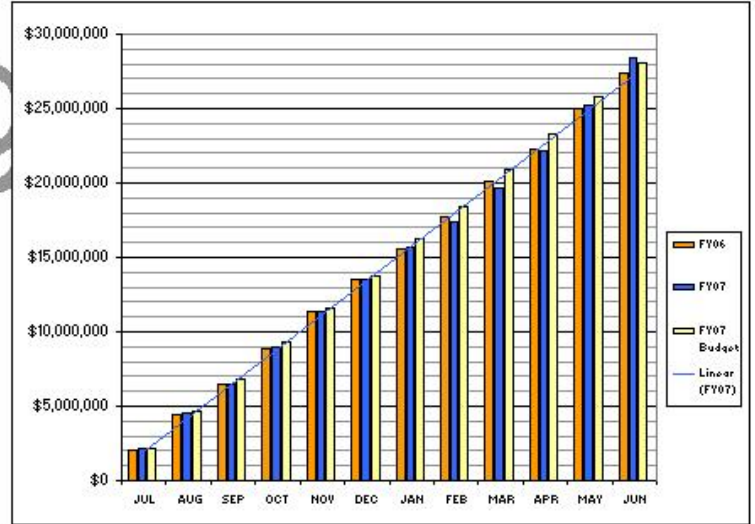
MONTHLY COMPARISON

	FY06	FY07	%Δ	FY07 Budget	Variance to Budget	%Δ
JUL	\$2,035,753	\$2,161,252	6%	\$2,137,239	\$24,013	1%
AUG	2,353,878	2,371,030	1%	2,474,698	-\$103,668	-4%
SEP	2,081,492	1,890,078	-9%	2,249,726	-\$359,648	-16%
OCT	2,343,720	2,557,286	9%	2,474,698	\$82,588	3%
NOV	2,510,665	2,439,649	-3%	2,249,726	\$189,923	8%
DEC	2,143,040	2,092,441	-2%	2,137,239	-\$44,798	-2%
JAN	2,131,813	2,169,902	2%	2,474,698	-\$304,796	-12%
FEB	2,077,365	1,759,901	-15%	2,249,726	-\$489,825	-22%
MAR	2,424,807	2,194,306	-10%	2,474,698	-\$280,392	-11%
APR	2,177,137	2,513,031	15%	2,362,212	\$150,819	6%
MAY	2,752,594	3,131,764	14%	2,474,698	\$657,066	27%
JUN	2,332,367	3,162,999	36%	2,362,212	\$800,787	34%



YEAR-TO-DATE COMPARISON

	FY06	FY07	%Δ	FY07 Budget	Variance to Budget	%Δ
JUL	\$2,035,753	\$2,161,252	6%	\$2,137,239	\$24,013	1%
AUG	4,389,631	4,532,282	3%	4,611,938	-\$79,656	-1.7%
SEP	6,471,123	6,422,360	-1%	6,861,663	-\$439,303	-6.4%
OCT	8,814,843	8,979,646	2%	9,336,362	-\$356,716	-3.8%
NOV	11,325,508	11,419,295	1%	11,586,087	-\$166,792	-1.4%
DEC	13,468,548	13,511,736	0%	13,723,327	-\$211,591	-1.5%
JAN	15,600,361	15,681,638	1%	16,198,025	-\$516,387	-3.2%
FEB	17,677,726	17,441,539	-1%	18,447,751	-\$1,006,212	-5.5%
MAR	20,102,533	19,635,845	-2%	20,922,449	-\$1,286,604	-6.1%
APR	22,279,670	22,148,876	-1%	23,284,661	-\$1,135,785	-4.9%
MAY	25,032,264	25,280,640	1%	25,759,359	-\$478,719	-1.9%
JUN	27,364,631	28,443,639	4%	28,121,571	\$322,068	1.1%



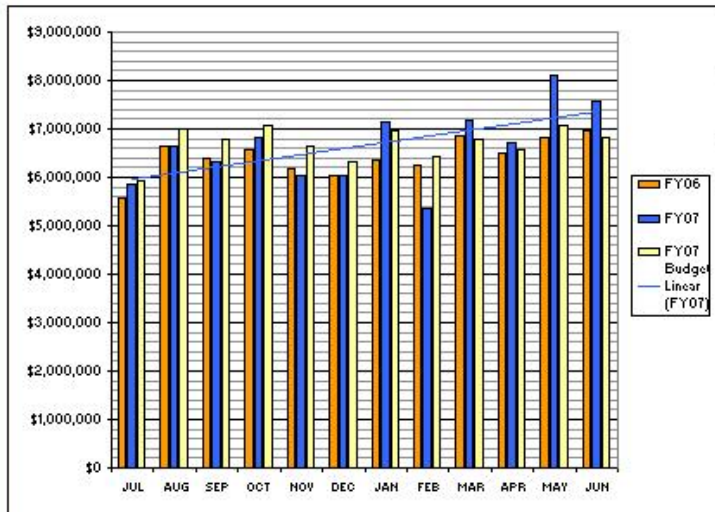
¹Projected

UPPER GRAPHS: MONTHLY NET COLLECTIONS

LOWER GRAPHS: MONTHLY GROSS CHARGES

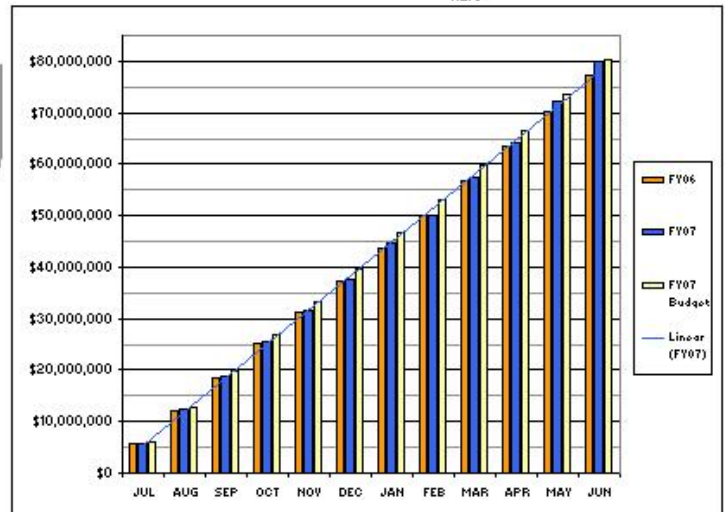
MONTHLY COMPARISON

	FY06	FY07	%Δ	FY07 Budget	Variance to Budget	%Δ
JUL	\$5,581,783	\$5,851,458	5%	\$5,915,114	-\$63,656	-1%
AUG	6,641,832	6,648,970	0%	6,986,619	-\$337,649	-5%
SEP	6,381,047	6,330,335	-1%	6,788,454	-\$458,119	-7%
OCT	6,579,134	6,813,594	4%	7,071,175	-\$257,581	-4%
NOV	6,179,297	6,025,876	-2%	6,633,849	-\$607,973	-9%
DEC	6,026,109	6,046,370	0%	6,326,108	-\$279,738	-4%
JAN	6,373,513	7,128,806	12%	6,951,153	\$177,653	3%
FEB	6,253,299	5,366,035	-14%	6,434,664	-\$1,068,629	-17%
MAR	6,846,748	7,195,881	5%	6,773,873	\$422,008	6%
APR	6,510,628	6,731,562	3%	6,588,670	\$142,892	2%
MAY	6,818,442	8,119,214	19%	7,073,381	\$1,045,833	15%
JUN	6,956,628	7,580,835	9%	6,818,692	\$762,143	11%



YEAR-TO-DATE COMPARISON

	FY06	FY07	%Δ	FY07 Budget	Variance to Budget	%Δ
JUL	\$5,581,783	\$5,851,458	5%	\$5,915,114	-\$63,656	-1%
AUG	12,223,615	12,500,428	2%	12,901,732	-\$401,304	-3.1%
SEP	18,604,662	18,830,763	1%	19,690,186	-\$859,423	-4.4%
OCT	25,183,796	25,644,357	2%	26,761,361	-\$1,117,004	-4.2%
NOV	31,363,093	31,670,233	1%	33,395,210	-\$1,724,977	-5.2%
DEC	37,389,202	37,716,603	1%	39,721,319	-\$2,004,716	-5.0%
JAN	43,762,715	44,845,409	2%	46,672,472	-\$1,827,063	-3.9%
FEB	50,016,014	50,211,444	0%	53,107,136	-\$2,895,692	-5.5%
MAR	56,862,762	57,407,325	1%	59,881,009	-\$2,473,684	-4.1%
APR	63,373,390	64,138,887	1%	66,469,680	-\$2,330,793	-3.5%
MAY	70,191,832	72,258,101	3%	73,543,061	-\$1,284,960	-1.7%
JUN	77,148,460	79,838,936	3%	80,361,753	-\$522,817	-0.7%



JOEL LINDEN & SUE MOENTER

Dr. Eric Houpt was one of the five winners of the Departmental Awards for Excellence in Research, and has been invited to write a short description of his work and opportunities for collaboration to share with the rest of the DoM. Dr. Houpt is an Associate Professor in the division of Infectious Diseases and International Health, with a strong interest in parasite immunology.

Dr. Houpt's laboratory studies the immunology and diagnosis of intestinal protozoal infection. One focus is the use of a mouse model of intestinal amoebiasis and definition of the mechanisms of protective and deleterious immunity, both acquired and innate. Only certain mouse strains are susceptible to infection, and we are characterizing the host genetic contribution to natural resistance to the parasite, which appears to reside at the level of the epithelium (Fig. 1) and host microflora. We are also defining the nature of protective and deleterious acquired immunity, tools that are being used for development of vaccines and new therapeutic approaches to colitis. To complement this work at the bench, we operate a field site in Tanzania where we

deploy real-time PCR diagnostics for intestinal protozoa including *Giardia*, *Cryptosporidium*, and other infectious diseases that are developed in the lab at UVA (Fig. 2). These molecular assays are then utilized to examine how parasite genotype contributes to clinical virulence, transmission and shedding, and host response.

Figure 1. Mouse strain dependent susceptibility to infection is mediated by non-hematopoietic cells.

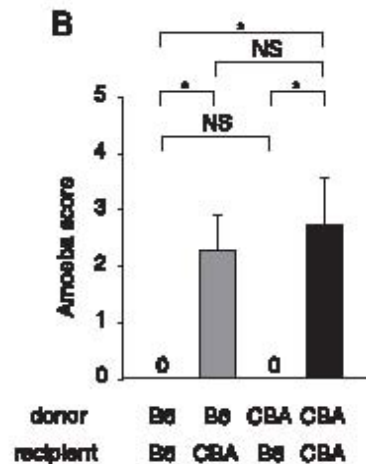
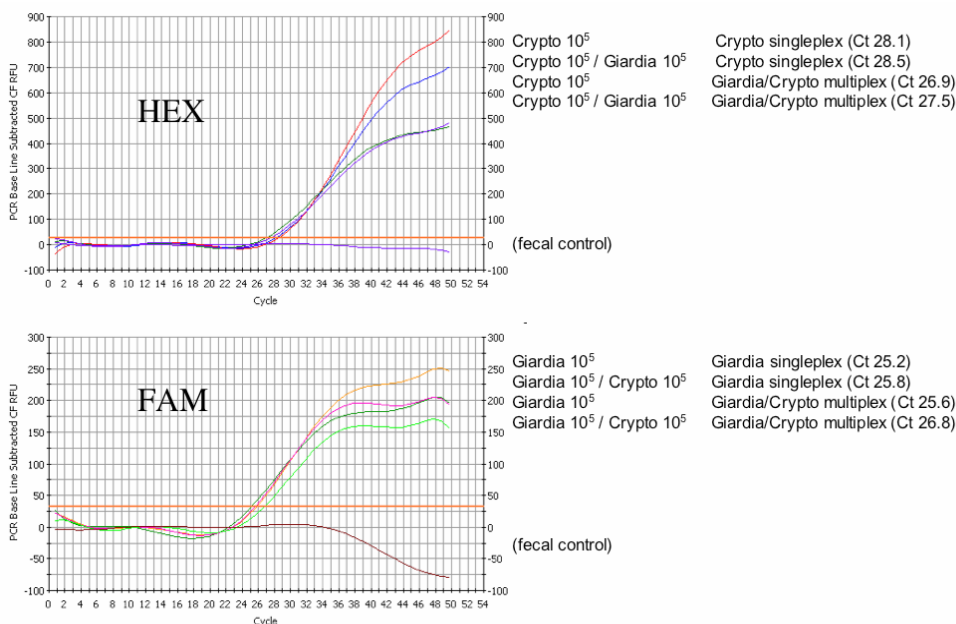


Figure 2. Multiplex real time PCR assay for *Giardia* and *Cryptosporidium*.



Dr. Houpt has collaborations with Steven Cohn in the Division of Gastroenterology (epithelial response to ameba) and Michael Lawrence in the Department of Biomedical Engineering (gel-based DNA extraction for PCR). Extending the molecular diagnostic tools we have developed for intestinal protozoa, we recently received a grant to extend this work in Tuberculosis PCR in sputum using targeted DNA capture. Sensitive and rapid detection of Tb is critically important for Africa given the burden of smear negative Tb with AIDS. This Tb work is driving collaborations with Borna Mehrad (Pulmonology and Critical Care) and Mark Stoler (Pathology).

References

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- Stroup SE, Roy S, Mchele J, Maro V, Ntabaguzi S, Siddique A, Kang G, Guerrant RL, Kirkpatrick BD, Fayer R, Herbein J, Ward H, Haque R, Houpt ER. Real-time PCR detection and speciation of *Cryptosporidium* infection using Scorpion probes. *J Med Microbiol* 2006, 55:1217-22.
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- Kisenge P., Hawkins A., Mueller A., Maro V., Houpt E. Cryptococcal meningitis in Tanzania: clinical features, role of antigen detection, and response to high-dose fluconazole. *BMC Infect Dis*, 2007 May 10;7:39.
- Kibiki G., Kalambo C., Stroup S., Houpt E. Bronchoalveolar IP-10 and IL-7 in AIDS-associated Tuberculosis. *Clin Exp Immunol*, 2007 May 148(2):254-9.

A NEW UO1

Dr. Richard Guerrant (Infectious Diseases and International Health) has been awarded a UO1 entitled “**Tailoring novel therapeutics for emerging *C. difficile* colitis**”. This 5-year grant brings together Dr. Guerrant’s experienced enterics laboratory team with basic science colleagues in toxin pathogenesis and in drug development, and a pharmaceutical partner (Adenosine Therapeutics, LLC). They will address the emerging quinolone-resistant *C. difficile* colitis with an innovative antitoxic approach. They will investigate three types of anti-inflammatory agents alone and in combination: adenosine A_{2A} receptor agonists that block leukocyte activation; A_{2B} antagonists that block cytokine production by epithelial and mast cells, and the pro-absorptive injury repairing agent, alanyl-glutamine.

They will determine how these novel therapeutics regulate intestinal cell targets to block toxin-induced apoptosis, inflammation, and secretion. They plan to use C57BL/6 mice with adenosine receptor knockouts and Cre/loxP targeted cellular A_{2A} receptor deletions to define the relevant adenosine targets to inhibition of toxin effects; and use purified toxins A and B as well as B-variant and new BI strain supernatants to test combinations of A_{2A} agonists, A_{2B} antagonists and alanyl-glutamine, alone and in combination, in animal models in order to prepare for clinical trials of these novel drug therapies for increasingly serious CDAD in humans. This work also involves discovery efforts towards developing more highly absorbed A_{2A}R agonists and the synthesis of the proposed A_{2A} agonists and A_{2B} antagonists necessary to support this grant.

Until recently, *C. difficile* associated diarrhea (CDAD) was mainly an opportunistic infection in older hospitalized patients on antibiotics. However, CDAD has become much more worrisome because of widespread increases in its frequency and severity throughout the US and Canada due to the emergence of hypertoxigenic, binary toxin-producing, quinolone-resistant (BI) strains. Furthermore, life threatening CDAD is now affecting healthy younger people in communities, even without recent antibiotic use. Even worse, current treatment consisting of more antibiotics is failing and often prolongs shedding or relapses. Hence we urgently need these novel approaches that block toxin-induced colitis to prevent the progression of colitis produced by *C. difficile* toxin(s) without further disruption of protective flora. ☐

AWARD MANAGEMENT GUIDE

The School of Medicine Research Office has developed an online guide to help faculty with pre- and post-award management of research projects. This guide can be an extremely useful tool for any DoM faculty who have current research projects, or who are considering developing proposals for new projects. The site was prepared and is maintained by Steve Wasserman of the SoM Research Office. http://www.healthsystem.virginia.edu/internet/research/pre_post.cfm ☐

THE DOM PARTICIPATES IN RAM PROGRAM IN WISE

A large group of faculty, staff, and volunteers from UVa participated in the Remote Area Medical Clinic at the Virginia-Kentucky Fairgrounds on July 20—22 this year. This is the seventh year that UVa has held this clinic in southwest Virginia, and the patient turnout increases every year. To learn more about the RAM program and how to volunteer, please visit the Community Relations, Outreach, and Service website: <http://www.healthsystem.virginia.edu/internet/outreach/RAM/RAM.cfm>

A special thanks to all from the DoM who donated their time and skills:

Joseph Aloï	Wende Kozlow
Scott Altschuler	Vanessa Lee
Deborah Baker	Rebecca Mason
Meg Barclay	Walter Mason
Leslie Buchanan	Marie Mendoza
Kathy Butler	Mark Miner
Fonda Cassidy	Mo Nadkarni
Carol Cecire	Andrea Palmer
Susan Cuppett	Mary Pipkin
Pam Dennison	Donna Rowzie
Gerald Donowitz	Diane Snustead
Emma Eggleston	Patrice Tisdelle
Judith Grigg	Georgene Turner
Michael Harper	Linda Weiler
Ross Isaacs	Twanda Williams
Mary Jane Jackson	Tiffany Yipp
Susan Kirk	

CARDIOVASCULAR MEDICINE
NEWS

- The Wamhoff Lab has a new post-doc, Dr. Sean Garvey, PhD (Duke University); also recently accepted to Cardiovascular Training Grant.
- Dr. Ramin Zargham, MD/PhD (Wamhoff lab post-doc) was given the McGill University's "Silver Plate" in recognition of his outstanding work in the cardiovascular sciences as a graduate student.
- Ms. Monica Lee, ME (Wamhoff lab) was accepted into the University of Virginia Summer Research Internship Program.
- Brian Wamhoff received the Department of Medicine Award for Excellence in Research (\$5,000) from the University of Virginia.
- All three CV Division ACGME accredited fellowship training programs – Cardiovascular Diseases, Interventional Cardiology, and Clinical Cardiac Electrophysiology – received excellent letters from the RRC site visit ending Nov. 2006. All three programs "demonstrated substantial compliance with no citations."
- We want to welcome our new Cardiovascular Diseases fellows: Alexis Cutchins, MD, research, New York Presbyterian Hospital/Cornell Univ. residency; Loren Budge, MD, clinical, UVA residency; Alrich Gray, MD, clinical, Mayo Clinic residency, Dayuan Li, MD, research, Univ. of Arkansas residency; Amy West, MD, clinical, UVA residency.
- Also, our Interventional Cardiology fellows are Rajan Patel and Fadi El-Ahdab, both graduates of our Cardiovascular Diseases Fellowship program.
- Our Clinical Cardiac Electrophysiology fellows are: Jason West, MD, UVA Cardiovascular Diseases Fellowship graduate; and Aparna Cherla, MD, Cleveland Clinic Cardiovascular Diseases Fellowship graduate.
- Alex Jehle, MD, joined the Cardiovascular Division for a two year imaging fellowship, coming from his Cardiovascular Diseases Fellowship and IM Residency at Univ. of Colorado. He joins Amit Patel, MD, our current imaging fellow who will complete his two year fellowship in June 2008.

PUBLICATIONS/PRESENTATIONS

- Phillips L, Klibanov A, Wamhoff BR, Hossack J. Inhibition of Smooth Muscle Proliferation by Ultrasound-Triggered Release of Rapamycin from Microbubbles. IEEE 2007
- Sefcik L, Petrie Aronin C, Zhu R, Macdonald T, Lynch K, Wamhoff BR, Botchwey E. Novel S1P Receptor-Specific Agonists for Treatment of Ischemic Tissue Disease Pathologies. BMES 2007
- Sefcik L, Petrie Aronin C, Wamhoff BR, Botchwey E. Controlled Release of S1P and LPA Stimulates Microvascular Remodeling In Vivo. BMES 2007
- Hastings NE, Simmers MB, McDonald OG, Wamhoff BR, Blackman BR. Atheroprone flow on endothelial cells promotes smooth muscle cell phenotypic modulation. BMES 2007
- Hardie AD, Kramer CM, Raghavant P, Baskurt E, Nandalur KR. The impact of expansive arterial remodeling on clinical presentation in carotid artery disease: a multidetector CT angiography study. AJNR Am J Neuroradiol, 2007;28:1067-1070.
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ENDOCRINOLOGY AND METABOLISM

NEWS

- Dr. Theresa Guise was invited to serve as Chairperson of the Skeletal Biology Structure & Regeneration Study section, Center for Scientific Review, effective immediately through 6/30/09
- Dr. Michael Williams, Clinical Fellow, has received an NRSA award

GRANTS

- Dr. Carmella Evans-Molina has received a K-08 Award
- Dr. Helmy Siragy's R01 application got a 3rd score percentile on the first review. It is expected to be funded for five years. This is Dr. Siragy's second successful R01 grant in the last three months.

GASTROENTEROLOGY AND HEPATOLOGY

NEWS

- Michel Kahelah - Elected Fellow of the American Society for Gastrointestinal Endoscopy (ASGE). The designation of Fellow signifies that an individual has made significant contributions to the field of endoscopy or to ASGE.

PUBLICATIONS/PRESENTATIONS

- Ding, S.Z., Minohara, Y., Fan, X.J., Wang, J., Reyes, V. E., Patel, J., Dirden-Kramer, B., Boldogh, I., Ernst, P.B., Crowe, S.E. *Helicobacter pylori* infection induces oxidative stress and programmed cell death in human gastric epithelial cells. *Infection & Immunity*, 75:4030-4039; 2007.
- Shami VM, Kahaleh M. Endoscopic Ultrasonography (EUS)-Guided Access and Therapy of Pancreatico-Biliary Disorders: EUS-Guided Cholangio and Pancreatic Drainage. [Gastrointest Endosc Clin N Am](#). 2007 Jul;17(3):581-93.
- Kahaleh M, Sundaram V, Condron S, De La Rue SA, Hall JD, Tokar JL, Friel CM, Foley EF, Adams RB, Yeaton P. Placement of Covered Self Expandable Metallic Stents in Patients with Biliary Leak: Mid Term evaluation of a Pilot Study. *Gastrointest Endosc* 2007;66(1):52-9
- Gupta N, Schirmer BD, Mishra, R, Shami, VM Malignant GIST masquerading as a bleeding duodenal diverticulum. *Endoscopy*. 2007 Jul 4; [Epub ahead of print] No abstract available. PMID: 17611891 [PubMed - as supplied by publisher]
- Michel Kahaleh - Phillips MS, Shami VM, Pruett T, Yeaton P, Kahaleh M. NOTES APPLICATION OF ENDOSCOPIC TRANSGASTRIC DRAINAGE OF INTRA-ABDOMINAL BILOMAS
- Michel Kahaleh - 2007 NOTES Conference July 13, 2007 in Boston.

GENERAL MEDICINE, GERIATRICS, AND PALLIATIVE CARE

NEWS

- Mohan Nadkarni was just selected as UVa's participant in the Leadership Charlottesville Program, which is put on by Chamber of Commerce to enhance leadership skills and community building.
- The Hospitalist Medicine program is pleased to welcome Lindsay D. Friesen, M.D., who completed her undergraduate work at the University of Virginia, her Doctor of Medicine at Duke University School of Medicine and completed her Categorical Residency at the University of California, San Francisco.

PUBLICATIONS

- Corbett E. Intravenous Fluids: It's More than Just "Fill 'Er Up!". *Practical Gastroenterology*, July 2007:44-60.
- Air travel and venous thromboembolism: a systematic review [Abstract]. *ACP J Club* 147:7, 2007. Abstract of: Philbrick JT, Shumate R, Siadat MS, Becker DM. Travel and venous thromboembolism: a systematic review. *J Gen Intern Med*, January 2007;22:107-14.

HEMATOLOGY/ONCOLOGY NEWS

- New faculty member effective Sep 1st. Paula M. Fracasso, M.D., Ph.D. from Washington University in St. Louis, will serve as section chief for Medical Oncology and her clinical interests lie in women's oncology.
- Three new fellows, Jason Boyd, Jeanna Knoble, and Rommel Lu
- Dr. Gail Macik has been selected as one of three "national experts on anticoagulation" who will participate in the filming of a Discovery Medical Channel program on anticoagulation.
- Dr. John Densmore has been promoted to Associate Professor in Medicine
- The Bone Marrow lab has established another link to the microscopic hematology web site, <http://www.microscopicematology.org> and Dr. Charles Hess continues to update and improve the pathobiology.

INFECTIOUS DISEASES AND INTERNATIONAL HEALTH PUBLICATIONS

- Croxen, M. A., P. B. Ernst and P. S. Hoffman. 2007. Antisense RNA modulation of alkyl hydroperoxide reductase (AhpC) levels in *Helicobacter pylori* correlates with organic peroxide toxicity but not infectivity. *J. Bacteriol.* 189:3359-3368.
- St. Maurice, M., N. Cremades, M. A. Croxen, G. Sisson, J. Sancho and P. S. Hoffman. 2007. Flavodoxin: Quinone Reductase (FqrB): A Redox Partner of Pyruvate: Ferredoxin Oxidoreductase that Reversibly Couples Pyruvate /*Campylobacter jejuni*/. *J. Bacteriol.* 189:4764-4773.

GRANTS

- Dr. Guerrant has been awarded years 17-21 of his ICIDR UO1 award for launching an arginine intervention trial, building upon their discoveries of the long-term developmental impact of repeated enteric infections on child development and its protection by ApoE4 which upregulates an arginine-selective transporter.
- Dr. Paul Hoffman: NIH U01 AI075520. Nitrothiazolides: Broad-spectrum category B anti-parasitic/bacterial therapeutics. PI: Paul S. Hoffman, co-PIs: Richard Guerrant, Cirle Warren, William A. Petri and Timothy Macdonald. This multi-investigator initiative will develop second generation nitrothiazolide based anti-parasitic and anti-bacterial therapeutics based on new knowledge of the drug target and chemistry of the existing parent drug.
- Dr. Eric Houpt: NIH U01AI075396 PI Houpt. Eric Houpt has received a U01 "Comprehensive Molecular Diagnosis for Food and Waterborne Enteropathogens." Centered at UVA, this project is a collaboration with Michigan State University's National Food Safety and Toxicology Center, the Virginia State Laboratory in Richmond, Kilimanjaro Christian Medical Centre in Tanzania, and IDX Labs. At UVA Dr Houpt and coworkers will develop sensitive single-reaction PCR based diagnostics for ~20 enteropathogens, these will be validated at the Virginia State Lab during their 2007-2010 outbreaks and in Tanzania in patients with AIDS-associated diarrhea. IDX Labs will optimize DNA extraction methodologies, and Michigan State will develop DNA fingerprinting technologies to discern molecular patterns of intestinal flora for cases where specific etiologies are not identified.
- Dr. William Petri: has successfully renewed for years 10-14 an R01 entitled "Field Studies of Human Immunity to Amebiasis in Bangladesh". In the next funding period a birth cohort of 500 children will be established in Dhaka to monitor innate and acquired immune responses to enteric infections, with an emphasis on human genetic polymorphisms controlling susceptibility.
- The Infectious Diseases Training Grant has been competitively renewed for years 31-35. This T32 supports 7 postdoctoral, and 5 predoctoral fellows conducting research with 27 faculty mentors in 7 different departments in the University. Established by Jerry Mandell, and led by Bill Petri for the last decade, over 90% of the graduates of this program remain actively engaged in research.

NEPHROLOGY NEWS

- The Division of Nephrology sadly announces that Dr Jean Holley, Professor of Medicine, is leaving the institution and relocating to Urbana, IL. We extend our thanks and appreciation for her excellent teaching, patient care, hard work and support of the Division, Department, and Medical School.
- W. Kline Bolton attended RPA Board Meeting NYC this week
- Mark Okusa attended American Society Program Committee meeting Bar Harbor, ME July 12-15, 2007.

PUBLICATIONS

- Awad, A.S. and M.D. Okusa. Distant organ injury following acute kidney injury. Editorial Comment. *Am J Physiol Renal Physiol.* 2007; 293: F28-F29, 2007.

- Alaa S. Awad, Michael Rouse, Lixia Liu, Amy L. Vergis, Diane L. Rosin, Joel Linden, John Sedor and Mark D. Okusa. Activation of podocyte adenosine 2A receptors prevents puromycin-induced nephrosis. J. Am. Soc. Nephrol. In press 2007.

GRANTS

- Alaa Awad was a K99 award. The title of the award is Podocyte Microenvironment in Diabetic Nephrology.
- Tom Obrig was awarded a second UO1. The title of the award is New therapeutics for Shiga-toxin-E coli disease.
- Dr Bolton was awarded an R21 grant from NIH effective July 2007, for a clinical study entitled “Growth Hormone Secretagogue MK-677 Therapy in CKD and ESRD.”

PULMONARY AND CRITICAL CARE MEDICINE

PUBLICATIONS

- Ajeet Vinayak has two chapters in Just the Facts: Critical Care; publisher McGraw-Hill; Editors Jesse Hall and Gregory Schmidt; released June 2007 (Anthrax and Smallpox; Infectious Complications of Indwelling Catheters)