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Department of Medicine
University of Florida
College of Medicine – Jacksonville
653-1 West 8th Street, L20
Jacksonville FL 32209
904-244-8846
www.hscj.ufl.edu/im/
Dear Colleagues and Friends:

I am happy to share with you the Annual Report of the Department of Medicine at the University of Florida College of Medicine - Jacksonville for the academic year July 2008 through June 2009. I will briefly describe the departmental accomplishments for the past year.

**Patient care:** The Department expanded clinical activities and achieved 106% of the budgeted revenues. The faculty members continued to excel in clinical productivity exceeding the 75% percentile of MGMA RVU benchmarks. The Department was successful in attracting talented faculty in all of its divisions. The steady increase in the number of admissions to the Medicine service reached 14,277 admissions during the FY09. Continued improvements in clinical operations helped cost containment and enhanced efficiency and our outpatient care experienced growth and improvement in patient satisfaction scores.

**Education:** Faculty members of the Department continue to excel in their mission of educating students and residents. There were 8 faculty members in the Department who received the Exemplary Teacher Award. The scholarly productivity of the house staff increased substantially and the top prizes of the Annual Research Day were awarded to the residents and fellows within the Department. The Residency Review Committee (RRC) site visit resulted in 6 year full accreditation of the core program and the subspecialty fellowships that were reviewed. Continuing Medical Education (CME) initiatives were offered by all the Divisions within the Department.

**New Fellowship programs were initiated as follows:** Nephrology Fellowship started on July 1, 2007, while Endocrinology, Pulmonary and Critical Care and Cardiac Electrophysiology Fellowships started July 1, 2008.

**Research:** The Department once again had an exceptionally productive year in research. There were a total of 78 peer reviewed publications and 19 book chapters and editorials authored by faculty members. Faculty made 49 national and regional presentations. During fiscal year 2009, 61 research awards with a direct cost of $1,723,391 were acquired. This represents a 129.5% change compared to the previous fiscal year.

Over the last three years, the Department has grown significantly and the faculty members have excelled in every aspect of the academic mission. I am proud to have the privilege of being the Chairman of such an exceptionally productive Department.

Sincerely,

Arshag D. Mooradian, M.D.
Professor and Chairman
DEPARTMENT ORGANIZATIONAL OVERVIEW
ACADEMIC YEAR 2009 (7/08 - 6/09)

Arshag D. Mooradian, M.D.
Chairman, Department of Medicine

N. Stanley Nahman, M.D.
Program Director, Internal Medicine Residency and Associate Chair, Department of Medicine

Linda R. Edwards, M.D.
Associate Chair, Department of Medicine

Senthil Meenrajan, M.D.
Associate Program Director, Graduate Medical Education

Jeffrey House, D.O.
Associate Program Director, Graduate Medical Education

Carlos Palacio, M.D.
Director, Medical Student Clerkship

Irene Alexandraki, M.D.
Associate Director, Medical Student Clerkship

Christina Catalano, M.B.A.
Administrator

Nanci Morton
Administrative Manager

DIVISION CHIEFS

Cardiology
Theodore Bass, M.D.

Endocrinology, Diabetes & Metabolism
Kent R. Wehmeier, M.D.

Gastroenterology
Louis Lambiase, M.D., M.H.A.

General Internal Medicine
Linda R. Edwards, M.D.

Hematology & Medical Oncology
Fauzia Rana, M.D.

Infectious Disease
Michael Sands, M.D., M.P.H. & T.M.

Nephrology and Hypertension
N. Stanley Nahman, Jr., M.D.

Pulmonary, Critical Care & Sleep Medicine
J. Davis Cury, M.D.

Rheumatology & Clinical Immunology
Ghaith Mitri, M.D., M.M.M.
## RESIDENTS/FELLOWS

### Chief Residents 2008-2009

- Rosalyn Alcalde, M.D.
- Shilpa Reddy, D.O.
- Ross University School of Medicine
- Nova Southeastern University

### Class of 2008-2009

#### Housestaff I

- Ainel Boonprakong, M.D.
- Rajarshi Chakravarty, M.D.
- Justin Federico, D.O.
- Jawahar Gazzala, M.D.
- Ankur Girdhar, M.D.
- Sanjay Hegde, M.D.
- Mohammad Izhar, M.D.
- Syed Jafri, M.D.
- Toufic Kabbani, M.D.
- Jamie Kitzman, M.D.
- Sudha Koduru, M.D.
- Pablo Medina, M.D.
- Amr Mohsen, M.D.
- Hasan Riaz, M.D.
- Muhammad Salahuddin, M.D.
- Shawn Tai, M.D.
- Jamie Woodcock, M.D.
- Louise Zhou, M.D.
- University of Miami School of Medicine
- St. George's University School of Medicine
- Lake Erie College of Osteopathic Medicine
- Sri Ramachandra University
- All-India Institute of Medical Sciences
- University of South Florida College of Medicine
- Khyber Medical College
- Sindh Medical College, University of Karachi
- American University of Beirut
- University of Florida College of Medicine
- St. George's University School of Medicine
- University of Florida College of Medicine
- University of Alexandria Faculty of Medicine
- Nishter Medical College, Bahauddin Zakariya University
- Ross University School of Medicine
- Ross University School of Medicine
- University of Florida College of Medicine
- Ross University School of Medicine

#### Housestaff II

- Sara Ahmed, M.D.
- Santosh Kale, M.D.
- Ravindra Maharaj, M.D.
- Jas dip Matharu, M.D.
- Tare n Ohman, M.D.
- John-Paul Pham, M.D.
- Tauseef Qureshi, M.D.
- Prafull Raheja, M.D.
- Karisma Ramsubeik, M.D.
- Naveen Seecheran, M.D.
- Atman Shah, M.D.
- Ho Vu, M.D.
- Edward Yazigi, M.D.
- St. Matthews University School of Medicine
- BJ Medical College University of Pune
- University of West Indies Trinidad
- St. George's University School of Medicine
- St. George's University School of Medicine
- Marshall University School of Medicine
- St. George's University School of Medicine
- Kasturba Medical College Mangalore University
- University of West Indies Trinidad
- University of West Indies Trinidad
- Ross University School of Medicine
- Ross University School of Medicine
- Ross University School of Medicine

#### Housestaff III

- Melvin Bullock, M.D.
- Andrew Darlington, D.O.
- Friba Faqeeeri, M.D.
- Somajita Ghosal, M.D.
- Mohammad Asif Khan, M.D.
- Carol Le, M.D.
- Nimish Naik, M.D.
- Thomas Nguyen, M.D.
- Vinny Samuel, M.D.
- Vandana Seeram, M.D.
- Siva Suryadevara, M.D.
- Esther Vildor-Dazil, M.D.
- Medical College of Georgia
- Philadelphia College of Osteopathic Medicine
- Ross University School of Medicine
- Calcutta National Medical College
- Khyber Medical College
- Medical College of Wisconsin
- New York Medical College
- Drexel University College of Medicine
- Ross University School of Medicine
- University of West Indies Trinidad
- University of West Indies Trinidad
- Florida State University College of Medicine
Subspecialty Fellowship Program Directors

Cardiology
Endocrinology
Gastroenterology
Interventional Cardiology
Infectious Disease
Medical Oncology
Nephrology
Pulmonary Critical Care

Steven Lavine, M.D.
Kent Wehmeier, M.D.
Louis Lambiase, M.D.
Ted Bass, M.D.
Michael Sands, M.D.
Janet Hosenpud, M.D.
Charles Heilig, M.D.
J. Davis Cury, M.D.

Subspecialty Fellowship Program Directors

Abdul Alamir, M.D. (Endocrinology)
Bharat Gummadi, M.D. (Cardiology)
Sayer Gunn, M.D. (Medical Oncology)
Lavanya Kodali, M.D. (Nephrology)
Naeem Latif, M.D. (Medical Oncology)
Victor Lopez de Mendoza, M.D. (Nephrology)
Ajay Mhatre, M.D. (Cardiology)
Timmy Nguyen, M.D. (Medical Oncology)
Rachana Painitkar, M.D. (Infectious Disease)
Saeed Payvar, M.D. (Cardiology)
J. Danny Pulido, M.D. (Pulmonary Critical Care)
William Salyers, M.D. (Gastroenterology)
Moiz Shafiq, M.D. (Cardiology)
Senan Sultan, M.D. (Endocrinology)
Ansley Tharpe, M.D. (Gastroenterology)
Faisal Usman, M.D. (Pulmonary Critical Care)

Subspecialty Fellow – Housestaff IV

Ammir Amin, M.D. (Cardiology)
Wayne Cheng, M.D. (Cardiology)
Noel Dasgupta, M.D. (Cardiology)
Taylor Dowley, M.D. (Cardiology)
Supriya Mannipalli, M.D. (Infectious Disease)
Aasita Patel, M.D. (Cardiology)
Ivan Rascon-Aguilar, M.D. (Gastroenterology)
Haritha Sakhamuri, M.D. (Nephrology)
Amit Shah, M.D. (Cardiology)
Aja Smith-McCutchen, M.D. (Gastroenterology)
Robert Sullivan, M.D. (Nephrology)
Thomas Walsh, M.D. (Cardiology)
Robert Zaiden, M.D. (Medical Oncology)

Subspecialty Fellow – Housestaff V

M. Kamran Aslam, M.D. (Cardiology)
Matthew Cole, M.D. (Gastroenterology)
Lori McMullan, M.D. (Cardiology)
A. Tony Ortiz, M.D. (Cardiology)

Subspecialty Fellow – Housestaff VI

Medial School

Damascus University Faculty of Medicine
St. George’s University School of Medicine
Pennsylvania State University College of Medicine
Dr. NTR University of Health Sciences
Ayub Medical College University of Peshawar
Universidad Central Del Este
Florida State University College Of Medicine
Flinders University of South Australia
Topiwala National Medical College University of Mumbai
Universidad de Ciencias Medicas
University of Kansas School of Medicine
University of Texas Southwestern Medical School
Damascus University Faculty of Medicine
Medical College of Georgia
Allama Iqbal Medical College University of Punjab

Medical School

Texas A & M University College of Medicine
University of Florida College of Medicine
University of Wisconsin Medical School
Finch University of Health Science Chicago Medical School
Kasturba Medical College Mangalore University
University of Illinois College of Medicine
Universidad de San Carlos
PSG Institute of Medical Sciences
University of Alabama School of Medicine
Case Western Reserve University School of Medicine
Ross University School of Medicine
University of Miami School of Medicine
St. Matthews University School of Medicine

Medical School

University of Texas Southwestern Medical School
Ross University School of Medicine
Louisiana State University School of Medicine
Universidad Central del Este
Highlights

The Graduate Medical Education Program had another successful academic year highlighted by the ACGME decision to award a 6 year accreditation cycle for the core training program and four fellowships. In addition, progress continues in the matching of high quality of intern recruits, strong performances on the ABIM certifying examination, successes with graduates matching into competitive fellowships, and continued stabilization of new fellowship training programs. Each facet of the program is discussed in the following.

Internal Medicine Residency Program: The core program was site visited by the ACGME in January 2009 and received the highest possible assessment with 6 years of full accreditation. This exciting outcome will serve as a catalyst for our continued efforts to develop a competitive and premier training program. The program continues to be led by Dr. N. Stanley Nahman, Jr., M.D. and in the last year, Drs. Senthil Meenrajan and Jeff House joined as Associate Program Directors. They replaced Drs. Arpitha Ketty and Olga Petrucelli who left the institution for other professional opportunities. The 2009 Match was a success with the mean 2-digit step one score for the matched group of 93. In addition, and for the second year in a row, our pass rate on the ABIM certifying examination exceed 90%. Finally, 100% of residents seeking positions successfully matched in the fellowship of their choice. 20% percent of the fellowships were outside of the UF system. The program was well served by the two Chief Medical Residents (CMR), Dr. Shilpa Reddy and Dr. Rosie Alcalde. Both physicians will move on to pursue fellowship training in gastroenterology (Dr. Reddy, University of Louisville) and endocrinology (Dr. Alcalde, UF Jacksonville). Drs. Nahman, House and Meenrajan were recognized as exemplary teachers by the University of Florida. In research, residents submitted abstracts to the Florida ACP, American Society of Nephrology, and Southern Section of the AFMR. Resident research accounted for 5 internal research grants, 4 published manuscripts, 8 published abstracts and 20 poster presentations.

Subspecialty Fellowship Program: Two new fellowships (Pulmonary/Critical Care and Electrophysiology) enrolled their first fellows in July 2008, bringing the total number of postgraduate fellowships to 9 (Cardiology, Electrophysiology, Endocrinology, Interventional Cardiology, Gastroenterology, Infectious Disease, Medical Oncology, Nephrology and Pulmonary/Critical Care). Cardiology, Interventional Cardiology, Infectious Disease and Medical Oncology were site visited by the ACGME in January 2009, and all received a 6 year accreditation cycle, the strongest possible outcome from a site visit, and a further endorsement of the high quality training opportunities available on the UFCOM Jacksonville campus.

Student Education: Drs. Alexandraki and Palacio continue to head student education and have been recognized for their efforts. Students continue to have rotations in inpatient and ambulatory settings. They also complete a two week required Geriatrics Clerkship during the 4th year.
LISTING OF PROGRAM LEADERSHIP

Chief Medical Residents

Shilpa Reddy, DO, Post-doctoral Associate and Chief Medical Resident
Medical School / Graduation date Nova Southeastern University 2005
Internship/residency and year University of Florida Jacksonville 2008
Chief Medical Resident University of Florida Jacksonville

Rosalyn Alcalde, MD, Post-doctoral Associate and Chief Medical Resident
Medical School / Graduation date Ross University School of Medicine 2005
Internship/residency and year University of Florida Jacksonville 2008
Chief Medical Resident University of Florida Jacksonville

Current Faculty

Irene Alexandraki, MD, Assistant Professor and Associate Student Clerkship Director
Medical School / Graduation date University of Athens 1989
Internship/residency and year Hahneman University 1998
Subspecialty training and year Infectious disease/Baylor College of Medicine 2001

Jeff House, DO, Assistant Professor and Associate Program Director
Medical School / Graduation date Nova Southeastern University 1997
Internship/residency and year University of Florida Jacksonville 2001

N. Stanley Nahman, Jr., MD, Professor and Program Director
Medical School / Graduation date Medical College of Ohio 1979
Internship/residency and year Presbyterian Hospital Denver, Mt Carmel Health, Columbus 1984
Subspecialty training and year Nephrology/The Ohio State University 1987

Carlos Palacio, MD, Associate Professor and Student Clerkship Director
Medical School / Graduation date University of Miami 1993
Internship/residency and year University of Florida Jacksonville 1996

Senthil Meenrajan, MD, Assistant Professor and Associate Program Director
Medical School / Graduation date Madras Medical College 1997
Internship/residency and year Robert Packer Hospital 2004
Subspecialty training and year Geriatrics/Oregon Health and Science University 2005

PUBLICATIONS


Mohsen, A.*, Meenrajan, S. Case Report: A rare Case of Metastatic Hepatocellular Carcinoma. NE Florida Medicine Vol. 6, No 2. 2009


**Highlights**

- **Internal Medicine Residency Program:**
  -continued stabilization of new fellowship training programs. Each facet of the program is discussed in the ABIM certifying examination, successes with graduates matching into competitive fellowships, and for the second year in a row, our pass rate on the ABIM certifying examination exceed 90%.
  -Finally, 100% of residents seeking positions successfully matched in the fellowship of their choice. 20% and for the second year in a row, our pass rate on the ABIM certifying examination exceed 90%.
  -Match was a success with the mean 2-digit step one score for the matched group of 93. In addition, 100% of residents seeking positions successfully matched in the fellowship of their choice. 20% and for the second year in a row, our pass rate on the ABIM certifying examination exceed 90%.

- **ACGME decision to award a 6 year accreditation cycle for the core training program and four fellowships.**

**The Graduate Medical Education Program had another successful academic year highlighted by the ACGME in January 2009, and all received a 6 year accreditation cycle, the strongest possible outcome. This exciting outcome will serve as a catalyst for our continued efforts to develop a competitive and premier training program.**

**Research:**

- Residents submitted multiple abstracts for presentation at national and regional meetings with successful results. The following abstracts were presented:
  - Arpitha Ketty and Olga Petrucelli who left the institution for other professional opportunities. The 2009 program.
  - The program continues to be led by Dr. N. Stanley Nahman, Jr., M.D. and in the last year, outcome will serve as a catalyst for our continued efforts to develop a competitive and premier training program.
  - Internal research grants, 4 published manuscripts, 8 published abstracts and 20 poster presentations.

**Residents: (arranged alphabetically)**


**Andrew Darlington** was awarded the Exemplary Teacher Award for residents.

**Clinical Teacher of the Year & Excellence in Student Education Award:**

- Andrew Darlington was the recipient of the Edward Jelks for Outstanding Resident Clinician of the Year.
- Linda Edwards received the Louis Russo Award for Outstanding Professionalism in Medicine.
- Nimish Naik was honored as the ACP Resident of the Year in 2009.

**Exemplary Teachers:**

- (arranged alphabetically)

**ENDOWMENTS AND GIFTS**

- The Anne and Max Michael, Jr. Education Fund Established 2006, by Anne Michael

**GRANTS AND CONTRACTS**

<table>
<thead>
<tr>
<th>Principal Investigator</th>
<th>Sponsor/Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thomas Nguyen</td>
<td>University of Florida Dean’s Fund for Residents and Fellow Research Grant, 2008: “A Retrospective Analysis of Risk Factors in DSRD.”</td>
</tr>
<tr>
<td>Siva Suryadevara</td>
<td>University of Florida Dean’s Fund for Residents and Fellow Research Grant, 2009: “The effects of Pioglitazone on platelet function in patients with Type 2 diabetes mellitus &amp; coronary artery disease.”</td>
</tr>
<tr>
<td>Amr Mohsen</td>
<td>University of Florida Dean’s Fund for Residents and Fellow Research Grant, 2009: “Impact &amp; Costs of Emergency Department Care of Nursing Home Patients.”</td>
</tr>
</tbody>
</table>
## POST-GRADUATE ACTIVITIES OF CMR AND SENIOR RESIDENTS

<table>
<thead>
<tr>
<th>Graduate</th>
<th>Professional status</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Outgoing Chiefs</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shilpa Reddy, DO</td>
<td>Fellowship, Gastroenterology 2009</td>
<td>University of Louisville</td>
</tr>
<tr>
<td>Rosalyn Alcalde, MD</td>
<td>Fellowship, Endocrinology 2009</td>
<td>University of Florida, Jacksonville</td>
</tr>
<tr>
<td><strong>Graduating residents</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Andrew Darlington, DO</td>
<td>Chief Medical Resident, Fellowship, Cardiology 2010</td>
<td>University of Florida, Jacksonville</td>
</tr>
<tr>
<td>2. Nimish Naik, MD</td>
<td>Chief Medical Resident, Fellowship, Nephrology 2010</td>
<td>University of Pittsburgh</td>
</tr>
<tr>
<td>3. Friba Faqee, MD</td>
<td>Private Practice</td>
<td>Jacksonville, FL</td>
</tr>
<tr>
<td>4. Somajita Ghosal, MD</td>
<td>Private Practice</td>
<td>Baltimore, MD</td>
</tr>
<tr>
<td>5. Melvin Bullock, MD</td>
<td>Hospitalist</td>
<td>University of Florida, Jacksonville</td>
</tr>
<tr>
<td>6. Carol Le, MD</td>
<td>Private Practice</td>
<td>Jacksonville, Florida</td>
</tr>
<tr>
<td>7. Mohammad Asif Khan, MD</td>
<td>Fellowship, Oncology 2009</td>
<td>University of Florida, Jacksonville</td>
</tr>
<tr>
<td>8. Thomas Nguyen, MD</td>
<td>Fellowship, Nephrology 2009</td>
<td>University of Florida, Jacksonville</td>
</tr>
<tr>
<td>9. Vinny Samuel, MD</td>
<td>Fellowship, Pulmonary/Critical Care 2009</td>
<td>University of Florida, Jacksonville</td>
</tr>
<tr>
<td>10. Vandana Seeram, MD</td>
<td>Fellowship, Pulmonary/Critical Care 2009</td>
<td>University of Florida, Jacksonville</td>
</tr>
<tr>
<td>11. Siva Suryadevara, MD</td>
<td>Fellowship, Cardiology 2009</td>
<td>University of Florida, Jacksonville</td>
</tr>
<tr>
<td>12. Esther Vidor-Dazil, MD</td>
<td>Private Practice</td>
<td>Jacksonville, FL</td>
</tr>
</tbody>
</table>
July 15, 2009

N. S. Nahman Jr.
Program Director Internal Medicine Residency Program
Univ of Florida College of Medicine/Jacksonville
Department of Medicine, LRC 4th floor
653-1 West 8th St, GME Box L18
Jacksonville, FL  32209

Dear Dr. Nahman,

The Residency Review Committee for Internal Medicine, functioning in accordance with the policies and procedures of the Accreditation Council for Graduate Medical Education (ACGME), has reviewed the information submitted regarding the following program:

   Internal Medicine

University of Florida College of Medicine Jacksonville Program
University of Florida College of Medicine Jacksonville
Jacksonville, FL

Program 1401121099

Based on all of the information available to it at the time of its recent meeting, the Review Committee accredited the program as follows:

   Status: Continued Accreditation
   Length of Training: 3
   Maximum Number of Residents: 44
   Effective Date: 05/19/2009
   Approximate Date of Next Survey: 05/2014  FS
   Cycle Length:  5.0 Year(s)
   Approximate Date For Internal Review: 11/2011

The Review Committee commended the program for its demonstrated substantial compliance with the ACGME’s Requirements for Graduate Medical Education without citations.

PROGRAM STRENGTHS

The Review Committee noted the following strengths or areas of substantial improvement since the last review:

1. The program and faculty have implemented measures that have reversed a prior decline in American Board of Internal Medicine pass rate.

2. The sponsoring institution and department have recently implemented several subspecialty training programs and enriched the educational environment.

3. The department and program are commended for providing an educational program that generates significant enthusiasm among the residents.
It is the policy of the ACGME and of the Review Committee that each time an action is taken regarding a change in the accreditation status of a program, the residents and applicants (those invited for interviews) must be notified. This office must be notified of any major changes in the organization of the program. When corresponding with this office, please identify the program by name and number as indicated above. Changes in participating sites and changes in leadership must be reported to the Review Committee using the ACGME Accreditation Data System.

Sincerely yours,

Karen L Lambert
Associate Executive Director
Residency Review Committee for Internal Medicine
(312)755-5785
kll@acgme.org

CC: Constance K. Haan, MD MS
Steven J. Lavine, MD
Kent R. Wehmeier
Louis R. Lambiase, MD MHA
Michael Sands, MD MPH
Janet R. Hosenpud, MD BA
Charles W. Heilig, MD BS
Theodore A. Bass, MD
Steve S. Hsu, MD
James D. Cury

Participating Site(s):
Shands Jacksonville Medical Center
DEPARTMENT RESEARCH
ACADEMIC YEAR 2009 (7/08 - 6/09)

Clinical and basic science effort has expanded over the past year and has been a major focus of the department. The department has several investigators working in the UF-Jacksonville Medical Research Building, including Michael J. Haas, Ph.D. (Endocrinology), Charles Heilig, M.D. (Nephrology & Hypertension), Xiaoyu Li, M.D., Ph.D. (Gastroenterology), and Virginia Urquidi, Ph.D. (Nephrology & Hypertension).

This spring, Robert C. Nuss, M.D. (Dean of the Regional Campus – Jacksonville), Michael Nussbaum, M.D. (Chair, Department of Surgery) and N. Stanley Nahman, Jr., M.D. (Chief, Division of Nephrology & Hypertension), provided funds to purchase a real-time DNA analysis system, located in the Medical Research Building. Since this technology is rapidly becoming the standard for such tasks as measuring gene expression and viral copy number, this equipment dramatically improves the competitiveness of investigators in the department.

Research conferences were sponsored by the Department of Medicine on Friday afternoons. Speakers from various departments on campus and from The Mayo Clinic – Jacksonville gave presentations on their research projects, both basic and clinical.

New residents in the Department of Medicine were invited to participate in various research projects mentored by Department of Medicine faculty at their orientation. Lectures on clinical study design, statistics, and basic science were provided to faculty and trainees, including sub-specialty residents.

The Department of Medicine won its share of awards at Research Day. Resident Tausef Qureshi, M.D. was awarded second place in the platform presentation category, and resident M. Kamran Aslam, M.D. received the fourth place prize. In the poster category, Senan Sultan, M.D. (fellow, Endocrinology) received the third place and Abdul-Razzak Alamir, M.D. (fellow, Endocrinology) received the 5th place prize.

PUBLICATIONS

Peer reviewed publications (2008-2009)

The Department of Medicine won its share of awards at Research Day. Resident statistics, and basic science were provided to faculty and trainees, including sub-specialty residents. New residents in the Department of Medicine were invited to participate in various research projects, both basic and clinical.

Research conferences were sponsored by the Department of Medicine on Friday afternoons. Speakers included investigators in the department.

This spring, a new gene expression and viral copy number technology was installed in the Research Building. Since this technology is rapidly becoming the standard for such tasks as measuring gene expression and viral copy number, this equipment dramatically improves the competitiveness of the department and attracts many new research collaborations.

Peer reviewed publications


32. Lavine SJ, Conetta DA. Comparison of the effect of pressure loading on left ventricular size, systolic and diastolic function in canines with left ventricular dysfunction with preserved and reduced ejection fraction. Cardiovasc Ultrasound. 2008 Nov 18;6:57.


45. Meenrajan S, Subbiah S, Pham D. Consideration in the Management of Colorectal Cancer in the Elderly. Northeast Florida Medicine Vo. 60, No1; 24-28; 2009


48. Edwards L; Gauger C, Rana F. Sickle Cell Disease: Transition from Pediatric to Adult Providers; Northeast Florida Medicine vol. 59, No. 4 December 2008


50. Palacio C, Rana F. Blast Crisis; British Medical Journal: December 2008; online epocrates.com/u29111026

51. Zaiden R, Nguyen T. Large B Cell Lymphoma presenting as recurrent sinusitis. Accepted for publication in Consultant


53. Palnitkar RM, Sands M. Mucormycosis; Epocrates, BMJ online monograph

54. Bailey, CL Epocrates, Chancroid. BMJ online monograph

55. Bailey, CL Epocrates, Urethritis BMJ online monograph

56. Guzman, N. Leptospirosis. Epocrates BMJ online monograph

57. Guzman N. Coxella Epocrates BMJ online monograph

58. Sands M. Vibrios other than V. cholera Epocrates BMJ online monograph

59. Sands M. Epocrates Hantaviruses in the United States. BMJ online monograph


62. The strategies for management of antiretroviral therapy (SMART) study group, including Sands M. Major clinical outcomes in antiretroviral therapy (ART)-naïve participants and in those not receiving ART at baseline in the SMART study. JID 2008;197:1133-44.
63. The strategies for management of antiretroviral therapy (SMART) study group, including Sands M. Inferior clinical outcomes of the CD4 cell count-guided antiretroviral treatment interruption strategy in the SMART study: Role of CD4 cell counts and HIV RNA levels during follow-up. JID 2008;197:1145-55.
68. Mocroft A, Wyatt C, Szczedry L et al and the SMART study group including Sands M. Interruption of antiretroviral therapy is associated with increased plasma Cytokinin. AIDS 2009;23:71-82.

**Books, Book chapters, Editorials**

4. Alexandraki I, Contributing author “Community Acquired Pneumonia” chapter of the textbook “Internal Medicine Essentials for Clerkship Students 2”, ACP- Clerkship Directors in Internal Medicine, pages 197-199, 2009
5. Alexandraki I, Contributing author “Urinary Tract Infection” chapter of the textbook “Internal Medicine Essentials for Clerkship Students 2”, ACP- Clerkship Directors in Internal Medicine, pages 180-182, 2009
6. Alexandraki I, Department of Medicine, University of Florida College of Medicine-Jacksonville. HIV-Related Opportunistic Infections (2009) [Internet], eds. BMJ Point of Care. http://group.bmj.com/products/evidence-centre/bmj-point-of-care-1
7. Alexandraki I: "MKSAP for Students 4" writer of multiple choice questions for the "Urinary Tract Infection" and "Community Acquired Pneumonia" chapters; ACP-Clerkship Directors in Internal Medicine, 2009
National and regional presentations (2007-2008)


23. Frelinger AL, Michelson AD; Braunwald E; Downey WE; Angiolillo DJ; Xenopoulos NP; Jakubowski JA; Li Y; Murphy SA; Qin J; McCabe CH; Antman EM; Wiviott SD, for the TRITON-TIMI 38 Investigators. Pharmacodynamic assessment of platelet inhibition by prasugrel versus clopidogrel in the TRITON-TIMI 38 Trial. American Heart Association 2008. Chicago, IL.
31. Sottile, E. Improving your clinical teaching: from concepts to action, American College of Physicians Pre-Course 2009, Philadelphia, PA.
41. Luyu Yao, Haizhen Zhu, Yiling Xu, Louis R. Lambiase, David R. Nelson, Chen Liu, Xiaoyu Li M1808. Inhibition of Hepatitis C Viral (HCV) Replication By In Vitro Dimerization of IFN Regulatory Factor-3 (IRF3) Accepted poster DDW 2009.


Highlights

The Division of Cardiology should have a good financial bottom line for FY 09 both on the professional side and technical side (Shands side). For FY 09, Cardiology should finish the year with a positive bottom line on the professional side and will be over flex budget on the hospital bottom line for contribution margin. At this time, financials are current only through April 09.

In FY 09, Cardiology added three new Cardiologists to the group. Two Electrophysiologist joined the group; Dr. Robert Kim joined in September 2008 and Dr. Daniel Katz joined in April 2009. We now have four Electrophysiologist in the Cardiology practice. Also in May of FY 09, the hospital approved capital to put in a new intracardiac recording system in both EP labs. This new technology will not only improve patient care but will also improve procedure time and documentation. The Electrophysiology team will be expanding their programs in the areas of Atrial Fibrillation ablations and sudden death. The Electrophysiology program also has plans of expanding their services into the St. Augustine area in FY 10. In July 09, the Electrophysiology fellowship program will begin with two new fellows joining the program for a yearlong fellowship.

The division continues to practice in Lake City and St. Mary’s, Georgia, both being strong practices. The Lake City practice ramped up in volume over the past year with our commitment of having a cardiologist at this practice full time. Lake Shore opened a diagnostic Cath lab in November 07, in collaboration with The CV Center. We continue to provide Medical Directorship for this Catheterization lab. The Division also started seeing patients in Live Oak at Shands Live Oak hospital in November 08. In December 08, our cardiologist started reading all the nuclear studies from Live Oak remotely at the Shands Jacksonville campus. Plans are for Live Oak to obtain an ECHO machine and all ECHO’s will be read remotely by our cardiologist in FY 10. We are also exploring the option of placing a cardiologist in the Dowling Park retirement community (just outside Live Oak) a half day a week.

The Peripheral Vascular Program continues to be strong under the leadership of Dr. Luis Guzman. Our volume of peripheral cases has remained steady. We are currently working with the Department of Surgery in regards to adding a Vascular Surgeon who would be shared between Cardiology and the Department of Surgery.

Dr. Lyndon Box is the third Cardiologist who joined our group in FY 10. Dr. Box was an interventional fellow in our program prior to joining on as faculty. Dr. Box has worked very aggressively this year with the local EMS to develop protocols for STEMI patients, develop educational programs for EMT’s regarding STEMI’s and work with EMS on state and national legislation issues regarding dedicated PCI hospitals. He also has been instrumental in working with local EMS on standardizing the Electronic EKG transmission systems for ambulances. We were able to purchase systems for local EMS program to place in their ambulances so that EKG’s could be transmitted directly to the physician/hospital from the field. All devices have been installed and the in-house system in currently being installed in the Emergency Department. This new system should have a great positive effect on door to balloon times. In FY 09 we added a STEMI coordinator to our group to help facilitate the STEMI outreach/community program.

The division has worked closely with the Director of Information Services/Medical Records/Coding in regards to improving documentation and coding for the division. We have regular meetings with the Director to go over outliers in documentation, new guidelines for documentation and coding. The plan is for Cardiology to have dedicated coders in FY 10.
In regards to customer service, we implemented a “customer service initiative” in FY 09. We looked closely at our referral numbers from UF satellite offices. Offices with lower percentages for patients referred to UF Cardiology were targeted initially. Dr. Bass made visits to each office and discussed how we are doing, what we can do to improve our services, what it would take to have 100% referrals from these offices. We also started our “physician of the day” program and “urgent appointment” line program. We gave out laminated cards with one number to call if you need to talk immediately to a Cardiologist or you need to get a patient in same day/next day to be seen by a Cardiologist.

Our Goals for FY 10 are as follows:

- Hire a Cardiologist to develop /lead a Women’s Cardiovascular Health Program
- Place a Cardiologist in Callahan office two ½ days a week
- Place a Cardiologist in the Dowling Park area, ½ day a month to start
- Provide EP services in St. Augustine area
- Continue to enhance the STEMI program with more outreach/education to EMS services in all surrounding counties.
- Look at possibility of taking ownership of a leading Cardiovascular journal
- Continue to grow research in all areas of Cardiology
- Enhance relationship with VA in regards to referrals for testing as well as collaboration with their cardiologist
- Develop relationship with department of surgery in regards to vascular support.
- Develop strong relationship with new hospitalist service

**Patient Care:** As stated above, CV satellite offices continue to expand. Our Lake Shore office provides cardiovascular care (physician visits as well as diagnostic testing) to Lake City and surrounding communities. Physicians rotate to the Lake City office Monday through Friday. We have expanded these services to Live Oak and hope to expand to the Dowling park area.

We continue with the practice in St. Mary’s, Georgia. This office is equipped with diagnostic testing equipment (ECHO machine/stress testing). UF cardiologists rotate to the practice Monday through Friday. They cover office visits as well as hospital consults, at Camden Medical Center. We will start performing Carotid ultrasounds in this office in FY 10.

We continue to see an increase in downstream revenue from both of these locations, especially the Lake City office.

We have seen an improvement in our quality scores in AMI and CHF. We still have some improvement to be made in AMI, but just as last year most of our fallouts were not on the Cardiology service. These were patients seen on other services (non-cardiology). Solutions for these issues are being discussed.

Patient Satisfaction scores for both inpatient and outpatient services continue to be above the 85th percentile. Great progress has been made in inpatient patient satisfaction scores in the CCU. Great progress has also been made in wait times for patient undergoing invasive testing (heart cath or EP procedure) in FY 10.

**Education:** We receive between 400-500 applications per year for five available spots in our Fellowship Program. Applications are screened eighteen months prior to the start of the program. This past year we received 510 applicants thru ERAS (Electronic Residency Application Service) of which 54 were selected for interview. Individuals are invited based on medical school, quality of the medical residency, USME scores, research performed, and letters of recommendations. Faculty evaluates candidates based on interpersonal skills, academic potential, and clinical potential.
Faculty conducts four sessions of Board review for medical residents. Significant changes were made in the CCU service to shorten rounds, enhance teaching, and faculty-resident interaction.

Fellows passing their boards are at 94% and 100% in both the Cardiovascular Disease and Interventional programs.

**Research:** With the dissolution of the Cardiovascular Imaging Core Laboratory, the division has been actively involved in two main areas of research; clinical research and translational research.

**Clinical Research:** The division was involved in several multi-center sponsored research projects in the fields of heart failure, arrhythmia (electrophysiology), and coronary artery disease. We currently have 12 active sponsored research projects being conducted at the Division of Cardiology.

**Translational Research:** Our thrombosis research laboratory continues to grow and mature. In addition, the state of the art assays for platelet function testing the research team has a medical director, a PhD, 4 post-doctoral research fellows, and a laboratory technician. The thrombosis research laboratory currently performs numerous sponsored and investigator initiated studies. The thrombosis research laboratory is among the most involved in the country for pharmacodynamic testing of antiplatelet agents under clinical development. We have also been involved in testing assays for sponsors requiring FDA approval of novel devices. The research group is among the most prolific academically with numerous peer-reviewed publications in major scientific journals.

**LISTING OF FACULTY MEMBERS**

**New Faculty**

### Robert Kim, M.D., Assistant Professor

<table>
<thead>
<tr>
<th>Medical School / Graduation date</th>
<th>Tufts University School of Medicine – Boston, MA</th>
<th>1998</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internship/residency and year</td>
<td>St. Elizabeth’s Medical Center – Boston, MA/</td>
<td>2001</td>
</tr>
<tr>
<td></td>
<td>University of MA Medical Center-Worcester, MA</td>
<td>2004</td>
</tr>
<tr>
<td>Subspecialty training and year</td>
<td>Dartmouth-Hitchcock Medical Center – Lebanon, NH</td>
<td>2008</td>
</tr>
</tbody>
</table>

### Daniel Katz, M.D., Assistant Professor

<table>
<thead>
<tr>
<th>Medical School / Graduation date</th>
<th>New Jersey Medical School – Newark, New Jersey</th>
<th>1997</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internship/residency and year</td>
<td>Brown University – Rhode Island</td>
<td>2000</td>
</tr>
<tr>
<td>Subspecialty training and year</td>
<td>Albert Einstein College of Medicine – Bronx, New York</td>
<td>2006</td>
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</tbody>
</table>

### Lyndon Box, M.D., Assistant Professor

<table>
<thead>
<tr>
<th>Medical School / Graduation date</th>
<th>University of Mississippi – Birmingham, Alabama</th>
<th>2001</th>
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<tr>
<td>Internship/residency and year</td>
<td>Carraway Methodist Medical Center/Oregon Health Sciences</td>
<td>2002</td>
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<tr>
<td></td>
<td>University</td>
<td>2004</td>
</tr>
<tr>
<td>Subspecialty training and year</td>
<td>University of Florida – Jacksonville, Florida</td>
<td>2008</td>
</tr>
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</table>
Current Faculty

**Dominick Angiolillo, M.D. Ph.D., Assistant Professor**
Medical School / Graduation date: The Catholic University of the Sacred Heart Medical School, Italy 1997
Internship/residency and year: Mayo Clinic 1997
Subspeciality training and year: University Hospital of Salamanca, Spain/The Policlinico 1998
Subspeciality training and year: Agostino Gemelli University Hospital, Italy/San Carlos 2003

**Theodore Bass, M.D., Professor and Division Chief**
Medical School / Graduation date: Brown University 1976
Internship/residency and year: Mayo Clinic 1979
Subspeciality training and year: Boston University 1981

**Douglas Chapman, M.D., Assistant Professor**
Medical School / Graduation date: Chicago Medical School 1984
Internship/residency and year: University of Missouri 1987
Subspeciality training and year: Michael Reese Hospital 1990

**Donald Conetta, M.D., Associate Professor**
Medical School / Graduation date: Duke University 1970
Internship/residency and year: Georgetown University 1975
Subspeciality training/year: University of Florida 1977

**Luis Guzman, M.D., Assistant Professor**
Medical School / Graduation date: University of Buenos Aires, Argentina 1982
Internship/residency and year: Chuurcu-Visca Hospital, Argentina 1986
Subspeciality training and year: Instituto Cardiovascular Buenos Aires, Argentina 1989

**Steve Hsu, M.D., Associate Professor**
Medical School / Graduation date: Washington University 1990
Internship/residency and year: Thomas Jefferson University 1993
Subspeciality training and year: Thomas Jefferson University 1997

**Steven Lavine, M.D., Associate Professor**
Medical School / Graduation date: Temple University 1976
Internship/residency and year: Temple University 1979
Subspeciality training and year: Temple University 1981
Peer reviewed publications:


Lavine SJ, Conetta DA. Comparison of the effect of pressure loading on left ventricular size, systolic and diastolic function in canines with left ventricular dysfunction with preserved and reduced ejection fraction. Cardiovasc Ultrasound. 2008 Nov 18;6:57.

Abstracts:
Lavine SJ. Left ventricular filling pressure can be estimated from systolic arterial pressure and left ventricular relaxation time. J Am Soc Echocardiogr 2009; 22; 586 (abstract). Presented at the Scientific Sessions of the American Society Echocardiography, June 2009, Washington, DC.


Wiviott SD, Antman E, Angiolillo DJ, Meisel , Dalby, Verheugt , Goodman, Murphy, Mccabe, Braunwald . Greater effect of intensive antiplatelet therapy with prasugrel compared with clopidogrel in diabetics in TRITON - TIMI 38. European Society of Cardiology 2008. Munich, Germany.


Frelinger AL , Michelson AD; Braunwald E; Downey WE; Angiolillo DJ; Xenopoulos NP; Jakubowski JA; Li Y; Murphy SA; Qin J; McCabe CH; Antman EM; Wiviott SD, for the TRITON-TIMI 38 Investigators. Pharmacodynamic Assessment of Platelet Inhibition by Prasugrel versus Clopidogrel in the TRITON-TIMI 38 Trial. American Heart Association 2008. Chicago, IL.


10. In July 09, the Electrophysiology fellowship program will begin with two new fellows joining the Electrophysiology program. The program also has plans of expanding their services into the St. Augustine area in FY 09. They will be expanding their programs in the areas of Atrial Fibrillation ablations and sudden death. The Electrophysiology team will put in a new intracardiac recording system in both EP labs. This new technology will not only improve patient care but will also improve procedure time and documentation. The Electrophysiology team will now have four Electrophysiologist in the Cardiology practice. Also in May of FY 09, the hospital approved capital group; Dr. Robert Kim joined in September 2008 and Dr. Daniel Katz joined in April 2009. We now have five Electrophysiologist in the Cardiology practice.

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The division has worked closely with the Director of Information Services/Medical Records/Coding in putting in place a smoking gun to review the coding and documentation. The plan is for Cardiology to have dedicated coders in FY 10. We have been able to work with our coding personnel to do a better job of having the documentation properly coded. The Division of Cardiology continues to practice in Lake City and St. Mary’s, Georgia, both being strong practices. The division continues to practice in Live Oak. The division is exploring the option of placing a cardiologist in the Dowling Park retirement community (just outside Live Oak) a half day a week.

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Contracts and Grants

<table>
<thead>
<tr>
<th>Sponsor</th>
<th>Date Begun</th>
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<tr>
<td>Eli Lilly</td>
<td>Jul-06</td>
<td>SWAP</td>
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<td>Eli Lilly</td>
<td>Apr-08</td>
<td>TACA</td>
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<td>Atra Zeneca</td>
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<td>Baxter</td>
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<td>Medtronic</td>
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<td>Molecular Insight Pharma</td>
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<td>Cordis</td>
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<td>Amgen</td>
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<td>PROTECT</td>
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<td>The Medicines Company</td>
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<td>Eisai</td>
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<td>LANCELOT 201</td>
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<td>Portola</td>
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<td>Synvista</td>
<td>Jun-08</td>
<td>BREAK-DHF-1</td>
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<td>St Jude Medical</td>
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<td>St Jude Medical</td>
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<td>POSEIDON</td>
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**Inpatient activity**

<table>
<thead>
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<th>Description</th>
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<tr>
<td>CV In PT admissions</td>
<td>2016</td>
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<tr>
<td>Observations</td>
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**Outpatient activity**

<table>
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<th>Description</th>
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<tr>
<td>Physician clinic visits</td>
<td>*13,757</td>
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<tr>
<td>Cardiac ultrasounds</td>
<td>10,960</td>
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<tr>
<td>Cardiac nuclear studies</td>
<td>3,428</td>
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<tr>
<td>EKGs</td>
<td>55,332</td>
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<tr>
<td>Stress tests</td>
<td>4,430</td>
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<tr>
<td>Heart caths</td>
<td>** 2,488</td>
</tr>
<tr>
<td>EP procedures</td>
<td>*** 504</td>
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<tr>
<td>Device placements</td>
<td>305</td>
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<tr>
<td>Cardiac rehab visits</td>
<td>3,074</td>
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*Attending and Fellows

- Jax Clinic 9,156
- Lake Shore 1,454
- Live oak 227
- St Marys 2,920

*Cath Only = 1638
Coronary = 656
Peripheral = 168

***Includes:
Ablations, Cardioversions
EP's, & Lead Extractions
DIVISION OF ENDOCRINOLOGY, DIABETES AND METABOLISM
ACADEMIC YEAR 2009 (7/08 - 6/09)

Highlights

The Division of Endocrinology, Diabetes, and Metabolism had a year of rapid growth and development in all areas of the academic mission of the University of Florida. Clinically, major events included expansion and centralization of clinical services, growth of the endocrinology fellowship and developing a clinical research program. Academically, the division submitted multiple publications and contributed immensely to the educational component of the University’s mission in many training programs at the University of Florida as well as non-university affiliated health care providers.

Patient care: The Division provides inpatient and outpatient consultation for the University of Florida Jacksonville campus and satellite offices as well as for referring physicians in the Northeast Florida and Southern Georgia region. Dr. Joe Chehade, Dr. Arshag D. Mooradian, Dr. Mae Sheikh-Ali, and Dr. Kent R. Wehmeier are the core clinical faculty. The Division addresses clinical endocrinology problems related to diabetes mellitus, metabolic syndrome, obesity, pituitary, thyroid, adrenal, and sex hormone gland dysfunction. Patients with metabolic disorders including cholesterol, calcium, and metabolic diseases such as osteoporosis and vitamin D deficiency are evaluated and treated. Thyroid needle biopsy procedures under ultrasound guidance are offered and utilized by the division for the management of thyroid disorders. The Division also coordinates outpatient and inpatient education services that includes diabetic educators and implemented new devices that continuously monitor glucose levels for more intensive metabolic control in patients with diabetes mellitus. A multidisciplinary approach with the support of neurosurgery, ophthalmology, otolaryngology and radiation oncology is utilized in the management of patients with pituitary disease.

Education: The most significant event this year was ACGME accreditation with commendation of the Endocrinology fellowship in May 2008. The program received a two-year provisional accreditation, which began in July 2008 with two fellows and under the direction of Dr. Wehmeier. Dr. Abdul Alamir and Dr. Senan Sultan began their first year of fellowship in July of 2008. They have contributed immensely to the clinical care, education, and research mission of the division. In residency education, Dr. Wehmeier served the Internal Medicine Core Program as Director of Relevant Educational Programs in Endocrinology. He is the primary liaison between the Core Residency Program and the division, and is a member of the Resident Education Committee. Dr. Joe Chehade and Dr. Mae Sheikh-Ali made major contributions to the training of the Internal Medicine Core program residents with didactic presentations, Board review questions, and bedside teaching.

Dr. Chehade, Dr. Sheikh-Ali and Dr. Wehmeier participated in the Internal Medicine Update discussing endocrinology topics of interest for the greater Jacksonville area.

Research: Under the direction of Dr. Michael Haas, the basic science programs in the area of hormone action in oncology and atherosclerosis moved forward. Multiple grant applications have been submitted to potential funding sources and in return several awards have been received. Multiple manuscripts have been submitted as a result of the work conducted at the Endocrine labs. Both Dr. Alamir and Dr. Sultan were recognized at the annual Research Day of the UF College of Medicine Jacksonville with a cash award for their work in gene expression. The clinical program has been recruiting industry-sponsored protocols in the area of diabetes and osteoporosis research. Marinella Lipiniski, Research Coordinator, has been a great asset in creating these new venues for investigation.
LISTING OF FACULTY MEMBERS

Joe Chehade, M.D., Associate Professor

Medical School / Graduation date: St. Joseph University School of Medicine, Beirut-Lebanon 1992
Internship/residency and year: Staten Island University Hospital 1997
Subspecialty training and year: Saint Louis University School of Medicine 1997

Michael Haas, Ph.D., Research Associate Professor

Graduate School/Graduation date: University of Nebraska Medical Center 1991
Post-Graduate Training and year: Mc Ardle Laboratory for Cancer Research 1994

Arshag D. Mooradian, M.D. Professor and Chairman, Department of Medicine

Medical School / Graduation date: American University of Beirut 1980
Internship/residency and year: American University of Beirut 1982
Subspecialty training and year: University of Minnesota 1985

Mae Sheikh-Ali, M.D., Assistant Professor

Medical School / Graduation date: Damascus University School Medicine 1999
Internship/residency and year: Drexel University College Of Medicine 2005
Subspecialty training and year: Mayo Clinic, Jacksonville, Florida 2007

Kent Wehmeier, M.D., Associate Professor and Division Chief

Medical School / Graduation date: University of Missouri-Columbia 1988
Internship/residency and year: Barnes-Jewish Hospital, Washington University 1991
Subspecialty training and year: Saint Louis University School of Medicine 1993

PUBLICATIONS


Alcalde R, **Sheikh-Ali M.** Growth Hormone Deficiency BMJ Best Practice (in press)

Alamir A, **Sheikh-Ali M.** Thyroid Function Testing  Epocrates-BMJ publishing. July 09


**Chehade JM,** Sheikh-Ali M, Mooradian AD. Antioxidant Vitamins Micronutrients and Their Role in Diabetes. Diabetes Forecast (in press)

**Chehade JM, Sultan S.** Evaluation of pituitary tumors.  Epocrates-BMJ publishing. July 09


**Mooradian AD, Haas MJ,** Wong, NCW., and **Wehmeier, KR.** Obesity-related changes in high-density lipoprotein metabolism. Obesity 16:1152-1160, 2008.


Lowman E, **Mooradian AD.** Macromelia masquerading as an acromegalic or a Klippel-Trenaunay syndrome. Endocrine Practice. 14:109-111, 2008.


**Book chapters:**

**National/ International presentations:**


Mooradian AD. Obesity in the elderly. 9th Annual Conference in obesity, University of Southern Florida, Clearwater FL, 2008.

Mooradian AD. Dietary guidelines for diabetes. 9th Annual Conference in obesity, University of Southern Florida, Clearwater FL, 2008.

Mooradian AD. ADA nutrition guidelines for people with diabetes. 10th symposium of Diabetes and Endocrinology, Saint Louis University, Saint Louis, MO. 2008


**CLINICAL ACTIVITIES**

<table>
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<tr>
<th>Inpatient Activity</th>
<th>FY 08/09</th>
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<tbody>
<tr>
<td>Number of IP Consults</td>
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<table>
<thead>
<tr>
<th>Outpatient Activity</th>
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</thead>
<tbody>
<tr>
<td>Clinic Visits</td>
<td>4703</td>
</tr>
<tr>
<td>Thyroid Biopsies</td>
<td>165</td>
</tr>
</tbody>
</table>
began in July 2008 with two fellows and under the direction of Dr. Wehmeier. Dr. Abdul Alamir and Dr. Endocrinology fellowship in May 2008. The program received a two-year provisional accreditation, which

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intensive metabolic control in patients with diabetes mellitus. A multidisciplinary approach with the

diabetic educators and implemented new devices that continuously monitor glucose levels for more

thyroid disorders. The Division also coordinates outpatient and inpatient education services that includes

procedures under ultrasound guidance are offered and utilized by the division for the management of

such as osteoporosis and vitamin D deficiency are evaluated and treated. Thyroid needle biopsy

dysfunction. Patients with metabolic disorders including cholesterol, calcium, and metabolic diseases

Research program. Academically, the division submitted multiple publications and contributed immensely

and centralization of clinical services, growth of the endocrinology fellowship and developing a clinical

all areas of the academic mission of the University of Florida. Clinically, major events included expansion

Jacksonville campus and satellite offices as well as for referring physicians in the Northeast Florida and


dr. Abdul Alamir, MD

Endocrine Fellows Foundation

08/09

20,000.00

Deans Fund Research Award for Residents and Fellows

08/09

5,000.00

Amylin Pharmaceuticals, Inc.

01/09

21,000.00

Novo Nordisk Protocol

Novo Nordisk Protocol

Principal Investigator

Sponsor/Title

Project period

Total direct costs

DIVISION OF ENDOCRINOLOGY, DIABETES AND METABOLISM
Highlights

The Division of Gastroenterology had an outstanding 2008-2009 fiscal year. Clinically, the Division saw outpatients at the on-campus Ambulatory Care Center (ACC), Emerson Gastroenterology Clinic (Emerson), Northside Multi-specialty Clinic (Northside Clinic Closure 5/09), Shands Jail Clinic, UF Jacksonville Faculty Clinic, Beaches Digestive Clinic, and the Southside Digestive Clinic. Ambulatory motility studies, capsule endoscopy, and diagnostic breath tests were performed at Emerson. Endoscopy procedures were performed at Shands Jacksonville Medical Center and the Medical Partners Surgery Center at Emerson. The research operation saw us acquiring several industry sponsored grants. We presented abstracts at the American College of Gastroenterology meeting, as well as Digestive Disease Week. Dr. Louis Lambiase, who was the chief of the division for the last ten years, accepted a position as Vice Dean at the University of Tennessee, Chattanooga, TN.

Patient Care: The patient care aspect of the academic mission is pursued by the Division through three University of Florida clinics, the provision of inpatient consult services at Shands Jacksonville, inpatient and outpatient GI services at Baptist Medical Center Beaches and St. Luke’s Hospital. The Division continues to be the leader in Northern Florida in the treatment of viral hepatitis and staffs a gastrointestinal motility laboratory that is among the most active in the state. We provide two special clinics per week caring for patients with inflammatory bowel disease.

Education: The division is involved in the teaching for the residency program. Coordinated by Dr. Ravi Kottoor, the division conducted resident rotations for inpatient gastroenterology consults and ambulatory gastroenterology. Our faculty taught residents in morning report, noon resident conference, and internal medicine grand rounds.

The division conducts a Gastroenterology Fellowship Program which consists of two fellows a year for three years. The program continues its 100% board passing rate by previous year’s graduates. After a site visit conducted by the ACGME, the program was granted accreditation for the next three and a half years.

Research: Divisional research activities include clinical trials and giving presentations at regional and national meetings. A breakthrough work in Hepatitis C, done by Dr. Xiaoyu Li, has been accepted to be published in the Journal of Viral Research and is available on-line as of August 29, 2009.

LISTING OF FACULTY MEMBERS

Robert Bass, M.D., Assistant Professor
Medical School / Graduation date Medical College of Georgia 1988
Internship/residency and year University of South Alabama 1991
Subspecialty training and year University of Florida – Jacksonville 1993

Samir Habashi, M.D., Assistant Professor
Medical School / Graduation date Ain-Shams University, Cairo, Egypt 1985
Internship/residency and year University of Florida - Jacksonville 2003
Subspecialty training and year University of Florida - Jacksonville 2007
Ravi Kottoor, M.D., Associate Professor
Medical School / Graduation date: Kasturba Medical College, India 1970
Internship/residency and year: Ottawa Civic Hospital 1974
Subspecialty training and year: Dalhousie University, Canada 1975

Louis Lambiase, M.D., M.H.A., Associate Professor and Division Chief
Medical School / Graduation date: University of Miami 1987
Internship/residency and year: University of Pittsburgh 1990
Subspecialty training and year: University of Florida 1992
Graduate degree and year: University of North Florida 2006

Xiaoyu Li, M.D., Ph.D., Assistant Professor
Medical School / Graduation date: Harbin Medical University, China 1983
Internship/residency and year: Mt Sinai School of Medicine 2004
Subspecialty training and year: University of Florida 2007
Graduate degree and year: State University of New York 2001

Juan Munoz, M.D., Assistant Professor
Medical School / Graduation date: Universidade Complutense, Spain 1991
Internship/residency and year: University of Florida – Jacksonville 2001
Subspecialty training and year: University of Florida – Jacksonville 2004

Paul Sievert, M.D., Assistant Professor
Medical School / Graduation date: University of Miami 1996
Internship/residency and year: Medical College of Virginia 1999
Subspecialty training and year: University of Florida – Jacksonville 2003

Kenneth Vega, M.D., Associate Professor
Medical School / Graduation date: Cornell University Medical College 1988
Internship/residency and year: Boston University School of Medicine 1991
Subspecialty training and year: Temple University Hospital 1995

PUBLICATIONS

Peer Reviewed Manuscripts:


A breakthrough work in Hepatitis C, done by Dr. Xiaoyu Li, has been accepted to be presented at the American Association for the Study of Liver Diseases (AASLD) meeting. The program continues its 100% board passing rate by previous year's graduates. After a successful year in the division's annual meeting, the division conducted resident rotations for inpatient gastroenterology consults and ambulatory clinics per week caring for patients with inflammatory bowel disease.

The division conducts a Gastroenterology Fellowship Program which consists of two fellows a year for three years. The program continues its 100% board passing rate by previous year's graduates. After a successful year in the division's annual meeting, the division conducted resident rotations for inpatient gastroenterology consults and ambulatory clinics per week caring for patients with inflammatory bowel disease.

Divisional research activities include clinical trials and giving presentations at regional and national meetings. A breakthrough work in Hepatitis C, done by Dr. Xiaoyu Li, has been accepted to be presented at the American Association for the Study of Liver Diseases (AASLD) meeting. The program continues its 100% board passing rate by previous year's graduates. After a successful year in the division's annual meeting, the division conducted resident rotations for inpatient gastroenterology consults and ambulatory clinics per week caring for patients with inflammatory bowel disease.

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Patient Care:
The Division continues to be the leader in Northern Florida in the treatment of viral hepatitis and staffs a gastrointestinal motility laboratory that is among the most active in the state. We provide two special medicine grand rounds.

Kottoor, the division conducted resident rotations for inpatient gastroenterology consults and ambulatory clinics per week caring for patients with inflammatory bowel disease.

The Division of Gastroenterology had an outstanding 2008-2009 fiscal year. Clinically, the Division saw the frequency of confirmed Barrett's esophagus vary by ethnicity and gender. Acceptance for presentation, DDW 2009.

Accepted for presentation, DDW 2009.


Abstracts:
Juan C. Munoz, Sunitha Pudhota, Aja S. Smith and Kenneth Vega. Modified technique to extract malpositioned or migrated self-expanding stents from the esophagus and stomach. American College of Gastroenterology meeting.

Juan C. Munoz, Aja S. Smith Division Unusual Objects Removed from Unusual Patients: A Case Series and Literature Review American College of Gastroenterology meeting.


Chisholm S, Khoury JE, Jamal MM, Vega KJ. The frequency of confirmed Barrett's esophagus varies by ethnicity and gender. Accepted for presentation, DDW 2009.

Luyu Yao, Haizhen Zhu, Yiling, Xu, Louis R. Lambiase, David R. Nelson, Chen Liu, Xiaoyu Li M1808. Inhibition of Hepatitis C Viral (HCV) Replication By In Vitro Dimerization of IFN Regulatory Factor-3 (IRF3) Accepted poster DDW 2009

Sunita Pudhota, Melvin D. Bullock, Louis R. Lambiase, Ravi Kottoor Retrospective Analysis of Predicting Factors for Complications of Colonoscopy Accepted Poster DDW 2009.

HONORS AND AWARDS

Dr. Aja Smith-McCutcheon was the recipient of the “System Based Improvement” award given by the Division of Internal Medicine.

CLINICAL ACTIVITIES

<table>
<thead>
<tr>
<th>Inpatient Activity</th>
<th>Number of IP Consults</th>
<th>Shands Jacksonville Inpatient Procedures</th>
<th>Baptist Beaches Inpatient Procedures</th>
<th>St. Lukes Inpatient Procedures</th>
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<tr>
<th>Outpatient Activity</th>
<th>Clinic Visits</th>
<th>Shands Jacksonville Outpatient Procedures</th>
<th>Jacksonville Beach Surgery Center Outpatient Procedures</th>
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GRANTS AND CONTRACTS

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<th>TITLE</th>
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<th>BUDGET END</th>
<th>SPONSOR</th>
<th>AWARD AMT</th>
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<tr>
<td>KOTTOOR</td>
<td>A Phase IIb, Randomized, Double-Blind, Placebo Controlled Study for the Treatment of Active Celiac Disease with AT-1001</td>
<td>7/31/08</td>
<td>5/2/09</td>
<td>ALBA THERAPEUTICS CORP</td>
<td>$4,500.00</td>
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<tr>
<td>KOTTOOR</td>
<td>A Phase 3 Multicenter, Randomized, Placebo-controlled, Double-blind Study to Evaluate the Safety and Efficacy of Golimumab Maintenance Therapy, Administered Subcutaneously, in Subjects with Moderately to Severely Active Ulcerative Colitis</td>
<td>8/28/08</td>
<td>8/31/09</td>
<td>CENTOCOR</td>
<td>$4,938</td>
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<tr>
<td>KOTTOOR</td>
<td>A Phase 2/3 Multicenter, Randomized, Placebo-controlled, Double-blind Study to Evaluate the Safety and Efficacy of Golimumab Induction Therapy, Administered Intravenously, in Subjects with Moderately to Severely Active Ulcerative Colitis</td>
<td>8/28/08</td>
<td>1/17/10</td>
<td>CENTOCOR</td>
<td>$10,778</td>
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<tr>
<td>KOTTOOR</td>
<td>A randomized, double-blind, placebo-controlled, parallel group, multi-center study to investigate the safety and efficacy of CP-690,550 in subjects with moderate to severe Crohn's Disease</td>
<td>5/16/08</td>
<td>3/10/10</td>
<td>PFIZER INC</td>
<td>$11,966.25</td>
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<tr>
<td>KOTTOOR</td>
<td>A Multi-center, Investigator-blinded, Randomized, 12-month, Parallel-group, Non-inferiority Study to Compare the Efficacy of 1.6 to 2.4g Asacol Therapy QD Versus Divided Dose (BID) in the Maintenance of Remission of Ulcerative Colitis</td>
<td>3/12/08</td>
<td>1/14/08</td>
<td>PROCTER AND GAMBLE</td>
<td>$10,906.25</td>
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<td>KOTTOOR</td>
<td>A Prospective Study Quantitating Fecal TNF-ALPHA In Active IBD Compared To Other Forms Of Acute E Enterocolitis</td>
<td>1/15/08</td>
<td>3/6/09</td>
<td>UCB PHARMA INC</td>
<td>$15,625.00</td>
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<td>LAMBIASE</td>
<td>Protocol 0000810: An Open-Label Clinical Study Evaluating the Long Term Safety of ALTU-135 in the Treatment of Patients with Exocrine Pancreatic Insufficiency due to Chronic Pancreatitis or Pancreatectomy</td>
<td>10/16/07</td>
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<td>ALTUS PHARMACEUTIC ALS</td>
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<td>LAMBIASE</td>
<td>A Phase 3, Randomized, Multi-Center Study to Evaluate the Efficacy and Safety of Albumin Interferon Alfa-2b in Combination with Ribavirin Compared with Peginterferon Alfa-2a in Combination with Ribavirin in Interferon Alfa Naive Subjects with Chronic Hepatitis C Genotype 1. ACHIEVE-1</td>
<td>2/19/07</td>
<td>12/12/09</td>
<td>DUKE UNIV</td>
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<td>LAMBIASE</td>
<td>A Phase 3, Randomized, Multi-Center Study to Evaluate the Efficacy and Safety of Albumin Interferon Alfa-2b (alb-IFN) in Combination with Ribavirin Compared with Peginterferon Alfa-2a (PEGASYS or PEG-IFNa2a) in Combination with Ribavirin in Interferon Alfa Naive Subjects with Chronic Hepatitis C Genotype 2 or 3. ACHIEVE-2/3</td>
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<td>1/24/09</td>
<td>DUKE UNIV</td>
<td>$22,795.95</td>
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<td>LAMBIASE</td>
<td>An extension protocol to evaluate the long-term effects of treatment with peginterferon alfa-2a (PEG-IFN)- or interferon (IFN)-based therapies for patients with chronic hepatitis C</td>
<td>10/4/05</td>
<td>7/15/09</td>
<td>HOFFMANN LA ROCHE INC</td>
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<td>LAMBIASE</td>
<td>A Randomized, Multicenter, Double Blinded, Phase IV Study Comparing the Safety and Efficacy of Pegasys® 180µg plus Copegus® 1000 or 1200 mg to the Currently Approved Combination of Pegasys® 180µg plus Copegus® 800 mg in Interferon-naive Patients with Chronic Hepatitis C Genotype 1 virus infection coinfected with human immunodeficiency virus (HIV-1)</td>
<td>5/16/06</td>
<td>4/30/09</td>
<td>HOFFMANN LA ROCHE INC</td>
<td>$2,311.63</td>
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<tr>
<td>LAMBIASE</td>
<td>Randomized, Multicenter, Double-Blinded, Phase IV Study Evaluating the Efficacy (as Measured by Sustained Virological Response) and Safety of 360 mcg Induction Dosing of Pegasys® in Combination with Higher Copegus® Doses in Treatment-naive Patients with Chronic Hepatitis C Genotype 1 Virus Infection of High Viral Titer and Baseline Body Weight Greater than or Equal to 85 kg</td>
<td>12/19/06</td>
<td>8/17/09</td>
<td>HOFFMANN LA ROCHE INC</td>
<td>$1,732.00</td>
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<tr>
<td>LAMBIASE</td>
<td>An Open-label, Roll-over Safety Study of AGI-003 (Arverapamil) in the Treatment of Irritable Bowel Syndrome with Diarrhea (IBS-D)</td>
<td>12/17/07</td>
<td>11/21/08</td>
<td>PPD DEVELOPMENT</td>
<td>$2,066.25</td>
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<td>LAMBIASE</td>
<td>A Randomized, Double-blind, Placebo-controlled Study of AGI-003 (Arverapamil) in the Treatment of Irritable Bowel Syndrome with Diarrhea (IBS-D)</td>
<td>12/17/07</td>
<td>11/21/08</td>
<td>PPD DEVELOPMENT</td>
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<td>LAMBIASE</td>
<td>A Phase III, Multicenter, Open Label, Extension Study to Evaluate the Long-term Safety of Renzapride 4 mg Once Daily in Women with Constipation-Predominant Irritable Bowel Syndrome (c-IBS)</td>
<td>1/6/06</td>
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<td>ALIZYME THERAPEUTICS</td>
<td>$3,470.00</td>
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<td>LAMBIASE</td>
<td>A Phase III, Multicenter, Randomized, Double-Blind, Placebo-Controlled, Parallel Group Study of Renzapride in Women with Constipation-Predominant Irritable Bowel Syndrome (c-IBS)</td>
<td>9/15/05</td>
<td>11/30/08</td>
<td>ALIZYME THERAPEUTICS</td>
<td>$3,737.00</td>
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<td>LAMBIASE</td>
<td>A PHASE 3, SAFETY &amp; EFFICACY STUDY OF BOCEPREVIR IN PREVIOUSLY UNTREATED SUBJECTS WITH CHRONIC HEPATITIS C GENOTYPE 1</td>
<td>8/1/08</td>
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<td>SCHERING PLOUGH RES INST</td>
<td>$21,957.30</td>
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<td>LI</td>
<td>A double-blind, randomized, placebo-controlled, parallel group study of rimonabant 20 mg daily for the treatment of Type 2 diabetic patients with nonalcoholic steatohepatitis (NASH)</td>
<td>9/26/08</td>
<td>7/9/09</td>
<td>SANOFI AVENTIS</td>
<td>$3,000.00</td>
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<td>LI</td>
<td>A double-blind, randomized, placebo-controlled, parallel group study of rimonabant 20 mg daily for the treatment of non-diabetic patients with nonalcoholic steatohepatitis (NASH)</td>
<td>9/26/08</td>
<td>7/10/09</td>
<td>SANOFI AVENTIS</td>
<td>$3,000.00</td>
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<td>VEGA</td>
<td>Validation of The GERQ for Use in African Americans</td>
<td>1/1/05</td>
<td>10/31/09</td>
<td>ASTRAZENECA</td>
<td>$16,666.67</td>
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<td><strong>TOTAL</strong></td>
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<td><strong>$190,263.88</strong></td>
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DIVISION OF GENERAL INTERNAL MEDICINE  
ACADEMIC YEAR 2009 (7/08 - 6/09)

Highlights

The Division continues a robust inpatient and outpatient practice and is an integral part of the educational experience for the Internal Medicine residency.

Patient Care: The Division of General Internal Medicine is comprised of 12 members who are board certified in Internal Medicine. Their clinical care includes: the provision of inpatient care as the attendings for the four inpatient teaching services, outpatient care at three locations: the ACC, Faculty Clinic and the UF Multispecialty Clinic on Emerson, an inpatient Internal Medicine consultation service and medical evaluation of patients admitted to the Psychiatry service. The division has experienced significant growth in its outpatient practice as the newer physicians in the group have established themselves as excellent clinicians. JaxHATS (Jacksonville Health and Transition Services) clinic held on Tuesday and Thursday mornings continues as a model program for the transition of adolescents and youth with special healthcare needs from their pediatricians to adult providers. Dr. Edwards works with Dr. Wood, a general pediatrician, to staff this clinic. JaxHATS serves as a medical home for these young people.

Education: The Division provides faculty supervision of residents on the four general internal medicine inpatient teaching services, inpatient medicine consultation service and geriatrics. The division also provides faculty supervision and mentoring of all categorical medicine residents in their outpatient continuity practice and urgent care clinics.

Dr. Sottile continues to serve as a facilitator for the “Teaching Residents to Teach” seminar -a 6-8 hour intradepartmental seminar offered each year at the University of Florida Health Science Center/Jacksonville. Dr. Sottile also served as a facilitator at a one day seminar “Clinical Teaching” in conjunction with the national ACP meeting.

Drs. Jeff House and Senthil Meenrajan are Associate Program Directors for the Internal Medicine Residency Program. Drs. Alexandraki and Palacio serve as Associate Clerkship Director and Clerkship Director for medical students from Gainesville who rotate on the Internal Medicine service (inpatient and outpatient). Dr. Jeff House also coordinates monthly M&M/QA for the training program. Drs. Alexandraki, Edwards, House and Meenrajan also serve as key clinical faculty for the Core Training Program in Internal Medicine.

Drs. Edwards, House and Sottile serve on the House Staff Evaluation Committee. Drs. Alexandraki, Edwards, House and Meenrajan serve on the Resident Education Committee. All members of the division have participated in and/or presented at the noon conference core curriculum series held daily as well as the Friday afternoon ambulatory didactic sessions and Board review.

Most of the members of the division participated in the 2009 Update in Internal Medicine, held at Amelia Island Plantation. Drs. Edwards and Halperin were co-directors for the program. It was an excellent program. A dinner honoring Malcolm Foster, MD for his contributions to Internal Medicine was held in conjunction with the meeting. A number of Dr. Foster’s previous chief residents were able to attend and shared their experiences with Dr. Foster and how meaningful his mentorship has been to them.

Research: Research in the division continues to focus on continuing medical education, clinical research, and faculty facilitation of resident research projects. Drs. House and Meenrajan worked with resident recipients of the Dean’s Fund Research Awards. Drs. House, Alexandraki and Palacio have a number of projects underway.
The Division continues a robust inpatient and outpatient practice and is an integral part of the certified in Internal Medicine. Their clinical care includes: the provision of inpatient care as the research, and faculty facilitation of resident research projects. Drs. House and Meenrajan worked with shared their experiences with Dr. Foster and how meaningful his mentorship has been to them.

Research:
Research in the division continues to focus on continuing medical education, clinical significant growth in its outpatient practice as the newer physicians in the group have established youth with special healthcare needs from their pediatricians to adult providers. Dr. Edwards works with them as excellent clinicians. JaxHATS (Jacksonville Health and Transition Services) clinic held on

Education:
The Division provides faculty supervision of residents on the four general internal medicine number of projects underway.

Resident recipients of the Dean's Fund Research Awards. Drs. House, Alexandraki and Palacio have a conjunction with the meeting. A number of Dr. Foster's previous chief residents were able to attend and have participated in and/or presented at the noon conference core curriculum series held daily as well as Edwards, House and Meenrajan serve on the Resident Education Committee. All members of the division are the UF Multispecialty Clinic on Emerson, an inpatient Internal Medicine consultation service and medical evaluation of patients admitted to the Psychiatry service. The division has experienced significant growth in its outpatient practice as the newer physicians in the group have established youth with special healthcare needs from their pediatricians to adult providers. Dr. Edwards works with them as excellent clinicians. JaxHATS (Jacksonville Health and Transition Services) clinic held on

General Internal Medicine
Division Chief: Linda Edwards, MD

LISTING OF FACULTY MEMBERS

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Medical School / Graduation date</th>
<th>Internship/residency and year</th>
<th>Subspecialty training and year</th>
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<tbody>
<tr>
<td>Irene Alexandraki, M.D.</td>
<td>Assistant Professor</td>
<td>University of Athens, Greece</td>
<td>1989</td>
<td></td>
</tr>
<tr>
<td>Malcolm Foster, M.D.</td>
<td>Professor</td>
<td>Bowman Gray School of Medicine</td>
<td>1963</td>
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</tr>
<tr>
<td>Alan Halperin, M.D.</td>
<td>Professor</td>
<td>University of Kansas</td>
<td>1971</td>
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<tr>
<td>Jeffrey House, D.O.</td>
<td>Assistant Professor</td>
<td>Nova Southeastern College of Osteopathic Medicine</td>
<td>1997</td>
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<tr>
<td>Masri, M.D.</td>
<td>Assistant Professor</td>
<td>Damascus University, Syria</td>
<td>1989</td>
<td></td>
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<tr>
<td>Senthil Meenrajan, M.D.</td>
<td>Assistant Professor</td>
<td>Madras Medical College, India</td>
<td>1997</td>
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ACADEMIC YEAR 2009 (7/08 - 6/09)
PUBLICATIONS


Chisholm S, Gummadi B, Vega KJ, **House J.** “Sandostatin Causing Reversible Thrombocytopenia”, *Eur J Gastroenterol Hepatol.* 2009 Feb 24

**Masri G, Cuffe S, Edwards L.** “Mental Health Issues in Adolescents and Young Adults” Northeast *Florida Medicine, Vol 59, No 4 2008.*


**Palacio, C.** Editorial “Psychological Effects of Poor Outcome on Physicians” *Southern Medical J* 2008 Oct;101(10):985-. PMID: 18791535


**Carlos Palacio,** Jeffrey P. Harrison and Dave Garets “A Conceptual Model for Benchmarking Electronic Medical Records Initiatives”*Journal of Medical Systems,* January 2009

Chehade, J, **Palacio, C,** Wood, D, Fox, L “Management of Diabetes in the Adolescent and Young Adult during Transition” *Northeast Florida Medicine, Vol 59, No 4 2008*


**Book Chapters and Monographs:**

**Alexandraki I,** Contributing author “Community Acquired Pneumonia” chapter of the textbook “*Internal Medicine Essentials for Clerkship Students Z*,” ACP- Clerkship Directors in Internal Medicine, pages 197-199, 2009

**Alexandraki I,** Contributing author “Urinary Tract Infection” chapter of the textbook "*Internal Medicine Essentials for Clerkship Students Z*,” ACP- Clerkship Directors in Internal Medicine, pages 180-182, 2009

**Alexandraki I,** Department of Medicine, University of Florida College of Medicine-Jacksonville. HIV-Related Opportunistic Infections (2009) [Internet], eds. BMJ Point of Care. [http://group.bmj.com/products/evidence-centre/bmj-point-of-care-1](http://group.bmj.com/products/evidence-centre/bmj-point-of-care-1)

**Alexandraki I:** "MKSAP for Students 4”, writer of multiple choice questions for the “Urinary Tract Infection” and “Community Acquired Pneumonia” chapters; ACP-Clerkship Directors in Internal Medicine, 2009

**Alexandraki I,** Department of Medicine, University of Florida College of Medicine-Jacksonville (2008). 48-year-old woman with HIV- Ms. Hunt. In SIMPLE: Simulated Internal Medicine Patient Learning Experience [Internet], eds. Berman and Fall, Institute for Innovative Technology In Medical Education, Lebanon, NH. [http://www.simplecases.org](http://www.simplecases.org)

**Palacio, C** Contributing author “COPD” chapter of the textbook "Internal Medicine Essentials for Clerkship Students“ 2nd edition, ACP- Clerkship Directors in Internal Medicine. October, 2008

**Palacio, C** Contributing author “Hepatitis” chapter of the textbook "Internal Medicine Essentials for Clerkship Students” 2nd edition, ACP- Clerkship Directors in Internal Medicine. October, 2008

**Palacio, C.** Multiple Choice Question Writer. CDIM MKSAP 4 for Students. October, 2008

HONORS AND AWARDS

Irene Alexandraki, M.D.  
University of Florida Exemplary Teacher Award 2009
Peer Reviewer - Journal of General Internal Medicine
Peer Reviewer - Journal of Medical Education
Judge - National Poster Finals, ACP Annual Meeting 2009

Linda Edwards, M.D.  
Elected Member and President-Elect, Faculty Council HSC/Jacksonville
Member, Executive Committee, UF Self-Insurance Program
University of Florida Exemplary Teacher Award 2009
Louis S. Russo Outstanding Professionalism in Medicine Award 2009

Malcolm Foster, M.D.  
Governor, Florida Chapter of the American College of Physicians
Treasurer, Board of Directors, Duval County Medical Society
Board of Directors, ACP Foundation
Board of Directors, Florida Georgia Blood Alliance
University of Florida Exemplary Teacher Award 2009

Alan Halperin, M.D.  
Chair, Institutional Review Board, UF & SJMC

Jeff House, D.O.  
University of Florida Exemplary Teacher Award 2009
Chair, Medical Performance Improvement Committee
UF and Shands Jacksonville Medical Center

Senthil Meenrajan, M.D.  
University of Florida Exemplary Teacher Award 2009
DCMS representative- FMA’s Health, Education and Public Policy Committee
Duval County Medical Society
  • Journals and Communication Committee
  • Homeland Security, Bioterrorism and Emergency Preparedness Committee
  • Legislative Committee

Carlos Palacio, M.D.  
Vice-Chair, Institutional Review Board

Elisa Sottile, M.D.  
University of Florida Exemplary Teacher Award 2009
### CLINICAL ACTIVITIES

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<td>Inpatient Days</td>
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<td>Average length of stay</td>
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<td>Number of OBU Admissions</td>
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<tr>
<td>Number of SNU Admissions</td>
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<td>Number of IP Consults</td>
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<tr>
<td>Clinic Visits</td>
<td>15097</td>
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HIGHLIGHTS

The Division of Hematology & Medical Oncology continued outstanding accomplishments in its clinical and academic missions. The division maintains an ACGME accredited Oncology fellowship training program and actively participates in training internal medicine residents and medical students in inpatient and outpatient settings. Dr. Fauzia Rana, with the help of Tumor Registry, initiated and conducted the first Breast Cancer Symposium and conducted a Breast Cancer Screening program at the Proton Therapy Institute.

Each member of the division has a strong role in division activities. Dr. Rana is Division Chief of Hematology/Oncology. Dr. Pham continues his efforts in the Thoracic Oncology Program and he is on the Quality Improvement Committee. He also works with the Proton Therapy Institute in collaboration of patient care. Dr. Janet Hosenpud is Director of the Medical Oncology Fellowship and continues to work closely with the education of the fellows. We have been successful in hiring Dr. Robert Zaiden as Assistant Professor of Medicine. Dr. Zaiden will join us July 1, 2009.

**Patient care:** The division continues to work closely with hematology-oncology leadership, and central administration of the UF College of Medicine - Gainesville, to coordinate the divisional mission with growth and development of the Jacksonville Hematology/Oncology Program. Due to the new Proton Beam Facility, it is anticipated that when at full capacity, the facility will result in a 30-50% increase in inpatient and outpatient activity. This year we have already seen a 25% increase in Analytic cases data received from Tumor Registry. In July of 2009, Dr. Rana will be expanding her outpatient clinic to the Emerson location. This will be a multidisciplinary clinic in conjunction with the Breast Surgeon, Radiation Oncologist and Pathologist. With the hiring of additional faculty, the division will increase its ability to serve patients, demands and to set a foundation for increasing patient volume.

**Education:** The division continues to support the Internal Medicine Residency Program through facilitation of morning report and noon conference core curriculum. The division offers a consult experience in medical oncology to residents at all training levels. We have a weekly didactic lecture series that gives fellows the opportunity to present cases to the faculty. Continuing support of education to division fellows, we have a monthly Journal Club that generates discussion on various oncology related topics throughout the year. There is a quarterly city wide joint conference between University of Florida and Mayo Clinic of Jacksonville. This opportunity allows the fellows to present unusual cases. The fellowship in medical oncology continues to prosper with all positions filled for July 2009 and 2010. Our fellowship program has been granted accreditation for five years.

**Research:** The Division of Hematology/Oncology is currently conducting 9 clinical trials. We are planning to start approximately 5 new trials in near future. We have started collaboration with Mayo Clinic-Jacksonville and will be conducting cooperative group clinical trials, in addition to the ongoing retrospective and prospective studies.
LISTING OF FACULTY MEMBERS

Janet Hosenpud, MD, Assistant Professor

Medical School / Graduation date: University of Washington 1979
Internship/residency and year: Medical College of Wisconsin 1980
Subspecialty training and year: Oregon Health Sciences University 1982

Dat Pham, MD Assistant Professor

Medical School / Graduation date: University of Florida Jacksonville 1997
Internship/residency and year: University of Florida Jacksonville 2000
Subspecialty training and year: University of Florida Jacksonville 2002

Fauzia Rana, MD, Chief and Assistant Professor

Medical School / Graduation date: Fatima Jinnah Medical College 1982
Internship/residency and year: University of Rochester New York 1990
Subspecialty training and year: Dana Farber Deaconess Hospital/Harvard 1993

PUBLICATIONS


Nguyen T, Pham D. Adjuvant Chemotherapy for Colon Cancer. Northeast Florida Medicine Vol. 60, No.1; 20-21; 2009


Meenrajan S, Subbiah S, Pham D. Consideration in the Management of Colorectal Cancer in the Elderly. Northeast Florida Medicine Vol. 60, No1; 24-28; 2009


Edwards L; Gauger C, Rana F. Sickle Cell Disease: Transition from Pediatric to Adult Providers; NEFM, vol. 59, No. 4 December 2008

Rana F, Garg P, Buzaiianu E, Guthrie T. Predictors of Toxicity and Toxicity Profile of Adjuvant Chemotherapy in Elderly Breast Cancer Patients (The Breast Journal)

Zaiden R, Rana F. Sinunasal Lymphoma presenting as recurrent Sinusitis (pending publication Consultants Live)

Palacio C, Rana F. Blast Crisis; British Medical Journal: December 2008; online epocrates.com/u29111026

Zaiden R, **Nguyen T.** Large B Cell Lymphoma presenting as recurrent sinusitis. Accepted for publication in Consultant

Cortas J, Seither K, Maziaz R, **Pham D** et al. Superiority of Rasburicase Versus Allopurinol on Plasma Uric Acid Control in Adult Patients with Hematologic Malignancies at Risk of Developing Tumor Lysis Syndrome: Results of a Randomized Comparative Phase III Study; 12:2008

**Abstracts:**
**Zaiden R.** 31st Annual San Antonio Breast Cancer Symposium; A Retrospective Review of Demographics and Stage of Presentation in Patients with ER/PR/Her2-Neu Receptor Negative (Triple Negative) Breast Cancer. December 2008

**Zaiden R, Latif N, Pham D, Hosenpud J.** Dermatofibroma Protuberans: A case report and review of literature. Accepted in Clinical Advances in Hematology and Oncology. Abstract 12.08


**CLINICAL ACTIVITIES**

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<th>Inpatient Activity</th>
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**CONTRACTS AND GRANTS**

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<td>Pham, Dat</td>
<td>I3 Research (Ingenix Pharmaceutical Service)</td>
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<td>Pham, Dat</td>
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<td>Phase II Study of Continued Immunotherapy with Favid (Id-KLH) and GM-CSF in Patients with Stable or Responding Grade 1 or 2 Follicular B-Cell Lymphomas.</td>
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<td>Phase III Trial, Melanoma Stage III or IV</td>
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<td>Merck &amp; Co, Inc</td>
<td>Phase I/II, Lung – NCSLC Relapses or Refractory Merck - NSCLC 0863-056</td>
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<td>Pham, Dat</td>
<td>Eli Lilly</td>
<td>Observational Study Description H3E0US-B001 Nonsmall Cell Lung Cancer. The Impact of Ethnic Origin on Patients Being Treated Second Line With Pemetrexed.</td>
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<td>Pham, Dat</td>
<td>Amgen 20060392 Prospective -- Observational</td>
<td>Prospective Multi-national Observational Study to Assess Health Resource Utilization Associated with Skeletal Related Events in Patients with Bone Metastases Secondary to Breast, Prostate, or Lung Cancer, or Multiple Myeloma.</td>
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<td>Rana, Fauzia</td>
<td>University of Florida</td>
<td>A Phase II Trial of Preoperative Caepticabine Plus Cisplatinum in Early Stage ER Negative, PR Negative, HER-2 Negative Breast Cancer</td>
<td>09/30/2008-09/30/2009</td>
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<td>Rana, Fauzia</td>
<td>Alexion P06-001 Exam of PNH (EXPLORE)</td>
<td>Examination of PNH, by Level of CD 59 pm RBC and WBC in bone marrow failure syndrome</td>
<td>03/09/2007-12/21/2008</td>
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<td>Millenium</td>
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<td>Rana, Fauzia</td>
<td>Johnson &amp; Johnson Pharmaceuticals, Inc. EPO</td>
<td>A Randomized, Double-Blind, Placebo Controlled, Multicenter Study Evaluating Epoetin Alfa Initiated at 40,000 IU Every Week or 80,000 IU Every Week Versus Placebo in Subjects With IPSS Low- or Intermediate-1 Risk Myelodysplastic Syndromes at Risk For Transfusion.</td>
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<td>Celator Pharmaceuticals Inc</td>
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<td>Rana, Fauzia</td>
<td>Celator Pharmaceuticals Inc</td>
<td>PHASE IIb, Multicenter, Randomized, Open-label Trial of CPX-351 (Cytarabine:Daunorubicin) Liposome Injection Versus Intensive Salvage Therapy in Adult Patients ≤60 Years Old with AML in First Relapse Following an Initial CR &gt;1 Month Duration</td>
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<td>Rana, Fauzia</td>
<td>PPD</td>
<td>A Randomized, Double Blind, Placebo-Controlled Study of the JAK2 Inhibitor INCB018424 Administered Orally to Patients with Primary Myelofibrosis (PMF) and Post Polycythemia Vera/Essential Thrombocythemia Myelofibrosis (Post-PV/ET MF).</td>
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**Division of Infectious Diseases**  
**Academic Year 2009 (7/08 - 6/09)**

### Highlights

The Division of Infectious Diseases has continued its clinical and academic missions during this past year. The division is comprised of 6 infectious diseases consultants, all of whom are dually boarded in internal medicine and infectious diseases; 1 Nurse research coordinator and 1 travel medicine nurse. The division provides clinical consultation in infectious diseases at the Shands Hospital/Jacksonville, Hospital Infection Control direction of Shands Hospital, transplantation infectious diseases consultation at Shands, outpatient travel and tropical medicine services, outpatient infectious diseases consultation, and clinical infectious diseases research. The division maintains an ACGME accredited Infectious Diseases fellowship training program and actively participates in the training of internal medicine residents and medical studies in inpatient and outpatient infectious diseases. The division has a contract with the Duval County Health Department (DCHD) to provide professional consultation and programmatic direction for their HIV/AIDS, TB and STD programs and clinical care to the counties’ HIV/AIDS, TB and STD patients in DCHD specialty clinics. This contract funds 1.7 FTE of the division’s ID physician time.

Each member of the division has a strong administrative role in division activities. Dr. Sands is currently the university ID Division Chief, Medical Director of Communicable Diseases for Duval County Health Department and ID Division Fellowship Program Director. Dr. Vandevelde directs the Travel Medicine section. Dr. Guzman is the Chair of Hospital Infection Control for Shands Hospital, the Division Research Director and coordinates resident and student subspecialty education. Dr. Mitchell-Samon is the Director of the DCHD HIV section. Dr. Bailey is the Director of the DCHD STD section and oversees the DCHD Refugee Health section. She is the university Assistant ID Fellowship Program Director and the consultative liaison for infections in solid organ transplantation at Shands Hospital. Dr. Lauer is the Chief of the DCHD TB section.

### Patient Care:

**University ID Division Inpatient and Hospital Based Activity:** The division provides full time infectious consultation throughout the Shands/Jacksonville Hospital system. During the 2008-2009 academic year, the division performed over 610 inpatient infectious diseases consultations with subsequent follow-up at Shands Hospital.

**Outpatient Services:** Travel medicine services are provided daily for overseas travelers. 773 travel patients were seen between July 1, 2008 – June 30, 2009.

The division offers outpatient ID consultation by referral provided by Drs. Guzman and Vandevelde at the ACC clinic and more recently also at the Emerson Clinic. During the 08-09 academic year there were 253 outpatient ID consultative visits.

Under contract with the DCHD, the division provides professional and administrative oversight and care for the HIV/AIDS, TB, STD and refugee screening clinical services for the DCHD specialty clinics. During the 08-09 academic year, ID division physicians delivered or over-sighted the care for over 2,600 HIV/AIDS patients, 5410 STD visits, 1013 refugee visits and over 7559 TB visits at DCHD specialty clinics.

### Education:

**Grand Rounds:** The division actively participates both presenting at Medical Grand Rounds and are regular attendees. This academic year faculty gave presentations at 4 UF Grand Rounds, 1 Baptist Medical Center Grand Rounds and 2 topical lectures at the Internal Medicine Annual Update, Amelia Island.
Fellowship Training: The division maintains an ACGME accredited fellowship in infectious diseases with one fellow for each of the 2 clinical fellowship years. The fellowship program had an accreditation inspection during this academic year and has been re-accredited on a 6 year cycle.

Resident Training: Faculty provide ID noon core curriculum conferences for the residents; ID consultation teaching rounds; outpatient HIV/AIDS continuity clinics; and resident ID board review sessions.

Medical Student Education: Dr. Guzman presents the HIV/AIDS core content conference for UF medical students by teleconference with UF Gainesville. Medical student rotate on the infectious consultative service.

ID Division Conference Schedule: The division maintains a full conferencing schedule with ongoing meetings Monday and Thursday noon. Conference topics include: regularly scheduled cases conferences; ID board reviews; monthly journal club; HIV topical reviews; monthly TB cases and topical reviews; monthly research conferences; travel and tropical medicine conferences; transplantation ID conferences; and monthly Med/Peds ID joint conference.

Cooperative extramural resident and fellows’ training: As part of their curricula, Mayo Clinic ID fellows, UF Intensivist fellows, UF Pediatric ID fellows and UF Podiatric-Orthopedic residents rotate on the UF ID consultative service.

Research: Drs. Guzman and Bailey serve as members of the University of Florida/Jacksonville Institutional Review Board.

The division is responsible for performance of components of federal and state categorical grants awarded to the DCHD for TB, HIV, refugee and STD care and epidemiologic services. These grants are in excess of $6.5 million. Additionally the division has been instrumental in acquiring and directing a federal Ryan White Title 3 grant of $300,000 annually for improved community based access to care, that provides HIV/AIDS care to 250 indigent patients not otherwise brought into care or previously lost from care.

UF research and scholarly writing included: 10 abstracts presented at UF Research Day, 5 abstracts presented at national and statewide meetings, 7 book chapters and 10 journal articles accepted for publication, 7 externally funded research protocols and 4 internally developed research protocols.

LISTING OF FACULTY MEMBERS

Christina Bailey, MD, Assistant Professor

- Medical School / Graduation date: University of Texas Health Science Center, Houston, TX 1995
- Internship/residency and year: University of Florida Department of Medicine, Jacksonville, FL 1998
- Subspecialty training and year: University of Florida Department of Medicine, Jacksonville, FL 2000

Nilmarie Guzman, MD, Assistant Professor

- Medical School / Graduation date: Ponce School of Medicine, Ponce, PR 1996
- Internship/residency and year: Damas Hospital, Ponce, PR 1999
- Subspecialty training and year: University of Florida Health Science Center, Jacksonville, FL 2006
PUBLICATIONS

**Book Chapters:**
Mucormycosis; Palnitkar RM, Sands M.  Epocrates, BMJ online monograph
Chancroid.  Bailey, CL Epocrates, BMJ online monograph
Urethritis Bailey, CL Epocrates, BMJ online monograph
Leptospirosis.  Guzman, N.  Epocrates BMJ online monograph
Coxiella.  Guzman N.  Epocrates BMJ online monograph
Vibrios other than V. cholera.  Sands M.  Epocrates BMJ online monograph

Hantaviruses in the United States.  Sands M.  Epocrates BMJ online monograph

**Journal Publications:**
The strategies for management of antiretroviral therapy (SMART) study group, including Sands M. Major clinical outcomes in antiretroviral therapy (ART)-naive participants and in those not receiving ART at baseline in the SMART study.  JID 2008;197:1133-44.

---

**Jeffrey Lauer, MD, Assistant Professor**
Medical School / Graduation date  University of New Mexico School of Medicine, Albuquerque, NM 1994
Internship/residency and year  University Medical Center, Jacksonville, FL 1997
Subspecialty training and year  University Medical Center, Jacksonville, FL 1999

**Leonne Mitchell-Samon, MD, Assistant Professor**
Medical School / Graduation date  University of South Florida College of Medicine, Tampa, FL 1997
Internship/residency and year  University of Florida Shands Jacksonville, Jacksonville, FL 2000
Subspecialty training and year  University of Florida Shands Jacksonville, FL 2002

**Michael Sands, MD, MPH&TM, FIDSA, Associate Professor and Division Chief**
Medical School / Graduation date  Georgetown University, Washington, DC 1972
Internship/residency and year  St. Mary's Hospital, San Francisco, CA 1974
Subspecialty training and year  Tulane University School of Public Health& Tropical Medicine, New Orleans, LA (MPH&TM) 1975
Louisiana State University School of Medicine, New Orleans, LA (Infectious Diseases) 1977
Northwestern Memorial Hospital, Dept. of Pathology, Clinical Microbiology Section (Clinical Microbiology) 1981

**Alexander Vandevelde, M.D., Associate Professor**
Medical School / Graduation date  University of Louvain Medical School, Belgium 1963
Internship/residency and year  St. Vincent's Medical Center, Jacksonville, FL 1964
Subspecialty training and year  University Medical Center, Jacksonville, FL 1969
University of Florida Medical School, Gainesville, FL 1971
The strategies for management of antiretroviral therapy (SMART) study group, including Sands M. Inferior clinical outcomes of the CD4 cell count-guided antiretroviral treatment interruption strategy in the SMART study: Role of CD4 cell counts and HIV RNA levels during follow-up. JID 2008;197:1145-55.


Mannepalli S, Sands M, Guzman N, McCarter Y. Pulmonary nocardiosis as the initial presenting infection in HIV/AIDS. Chest (meeting abstracts) 2008, 134: C54001


Mitchell-Samon L. Non-infectious cause of Pneumonia in an immuno compromised patient.. Manuscript accepted for publication in Hospitalist Physician

Abstracts presented at meetings:
Nontuberculous mycobacterial bloodstream infections in NIH patients with primary and acquired immunodeficiencies (1996-2007); Palnitkar RM, Shea YR, Holland SM, Banacloche JG, Palmore TN Poster at IDSA/ICCAC 2008:


HONORS AND AWARDS

Michael Sands., M.D. Exemplary Teacher 2008
Nilmarie Guzman, MD Exemplary Teacher 2009
**CLINICAL ACTIVITIES**

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**GRANTS AND CONTRACTS**

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<td>Guzman</td>
<td>CEFTO-SSK-4001 A prospective, multi-center, observational registry involving patients hospitalized with complicated skin and soft tissue infections (cSSTI) for IV antibiotic therapy</td>
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<td>Sands</td>
<td>NCI-NIH/ Identification and functional analysis of metastasis proteins NV 17751: Observational Cohort Study of Pneumonia in Fuzen-Exposed and Non-Exposed Patients.</td>
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<td>Guzman</td>
<td>NXL104/2001 A prospective, multicenter, investigator-blinded, randomized, comparative study to estimate the safety, tolerability and efficacy of NXL104/ceftazidime vs. imipenem cilastin followed by appropriate oral therapy in the treatment of complicated urinary tract infections in hospitalized adults (open)</td>
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<td>Bailey</td>
<td>A prospective study of the effect of Compath use on renal transplant outcomes.</td>
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<td>Mitchell-Samon</td>
<td>An accelerated schedule for Hepatitis B vaccination of HIV patients – Pilot study assessing completion rates and seroconversion</td>
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<td>Mannepalli, Sands</td>
<td>Sleep disorders in elderly HIV infected Afro-American patients seen in a large inner city clinic.</td>
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<td>Guzman</td>
<td>A4001067 An International, Multicenter, Prospective Observational Study of the Safety of Maraviroc used with Optimized Background Therapy in Treatment-Experienced HIV-1 Infected Patients (open)</td>
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<td>Bailey</td>
<td>Antimicrobial susceptibility of GC isolates to an alternative panel of antimicrobial agents.</td>
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<td>Guzman</td>
<td>NP303-101 (ADVENT): Randomized, Double-Blind, Parallel-Group, Placebo-Controlled, Two-Stage Study to Assess the Efficacy and Safety of Crofelemer 125 mg, 250 mg, and 500 mg Orally Twice Daily for the Treatment of HIV-Associated Diarrhea (ADVENT Trial)</td>
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<td>Guzman</td>
<td>GS-US-183-0145 A Multicenter, Randomized, Double-Blind, Double-Dummy, Phase 3 Study of the Safety and Efficacy of Ritonavir- Boosted Elvitegravir (EVG/r) Versus Raltegravir (RAL) Each Administered With a Background Regimen in HIV-1 Infected, Antiretroviral Treatment-Experienced Adults</td>
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<tr>
<td>Guzman</td>
<td>GS-US-164-0216 The SWIFT Study: A Prospective, Randomized, Open Label Phase IV Study to Evaluate the Rationale of Switching from Fixed Dose Abacavir (ABC)/Lamivudine (3TC) to Fixed-Dose Tenofovir DF (TDF)/Emtricitabine (FTC) in Virologically-Suppressed, HIV-1 Infected Patients Maintained on a Ritonavir-Boosted Protease Inhibitor Containing Antiretroviral Regimen</td>
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Division of Nephrology and Hypertension

Academic Year 2009 (7/08 - 6/09)

Highlights

In the 2009 academic year, the division of Nephrology and Hypertension continued to make headway in meeting the goals of the academic mission. In patient care, our first off site chronic dialysis venture with our dialysis provider (DCI) opened and began enrolling patients in August. In education, the Nephrology fellowship continued to thrive under the leadership of Dr. Heilig, including the establishment of a joint renal pathology conference with Mayo Clinic Jacksonville. In addition, our annual "Update in Nephrology" CME course was a success for the second year in a row. In research, Dr. Heilig successfully moved his basic laboratory program from the University of Chicago to the UF Jacksonville campus and he has continued with a high level of productivity. Additionally, the group continues its collaborative data mining study of the USRDS with the University of North Florida. Academically, Dr. Heilig was an invited speaker at an international symposium on protein transporters in Turin, Italy, and the Division presented abstracts at the ASN, the AFMR and the National Dialysis Conference.

Patient care: The most important advance this year was the opening of the new outpatient dialysis unit at the Gateway center in Jacksonville. The division of Nephrology serves as the medical director of the 24 station facility. The rapid growth of our outpatient dialysis population necessitated the expansion, and the unit is already at 30% capacity. The inpatient consult service continued to grow and for logistical reasons, the inpatient Nephrology service (Neph A) was eliminated and merged with the consult service. This has greatly enhanced the provision of Nephrology consultative services and significantly improved the educational platform for the fellows. In the outpatient arena, the Nephrology referral practice continues to grow. The strong presence of faculty in the outpatient clinic has stimulated a large influx of new referrals and fostered the continued growth of the outpatient practice. Finally, the outpatient vascular access clinic, and a surgical service for the provision of vascular access has continued to aid in the goal of establishing permanent access in all of our dialysis patients.

Education: The most significant event this year was the recruitment of Dr. Charles Heilig as the program director of the Nephrology fellowship program. Dr. Heilig is a seasoned academic nephrologist with extensive experience in research, teaching and mentoring, and has proven to be a valuable addition to the program. In addition, both senior fellows attended the ASN, the first year fellows attended the National Kidney Foundation spring meetings and one senior fellow presented at the AFMR Nephrology Fellows Research platform at the Southern AFMR in February. This year the division successfully established a quarterly joint renal pathology conference with Mayo Clinic Jacksonville, and facilitated the establishment of an elective rotation on Nephrology consults with the Naval Air Station Jacksonville family practice program. In teaching, Dr. Nahman was selected as an exemplary teacher by the College of Medicine for 2009. Finally, the Division conducted its second annual Update in Nephrology CME conference in February, and the sessions were very well received. The group plans another course in 2010.

Research: The major accomplishment this year was the moving and establishment of Dr. Heilig's basic science laboratory from the University of Chicago to the UF Jacksonville campus. In addition, Dr. Heilig was an invited speaker at the Gordon Research Conference on Membrane Transport Proteins in Lucca (Barga), Italy in July. He was among 40 international speakers and discussed the role of transporter proteins and apoptosis. He has also obtained funding from DCI for continued support of his laboratory. In clinical research, the division continues the UNF data mining studies of the USRDS with Dr.'s Elfayoumy and Wludyka with submission of our first collaborative research grant in spring 2009. Dr.'s Urquidi and Nahman also submitted NIH and DOD grants assessing the effect of circadian rhythm disturbances on development of metabolic syndrome. Although unfunded, the work has generated...
interest from the Office of Naval Research, and the collaboration continues. Finally, Dr. Cu published a book chapter on the immunology of renal transplantation in *Essential Clinical Immunology*.

In the past year, the Division successfully recruited Dr. Hariha Sakhamuri (senior Nephrology fellow from our program). She is expected to join the group in fall 2009. Dr. Maddirala departed in November. At this time, recruitment of additional faculty continues. We anticipate that the Division maintain its positive trajectory during the coming year, and expect the above in-progress activities to attain fruition during that time.

**LISTING OF FACULTY MEMBERS**

<table>
<thead>
<tr>
<th><strong>Gil Cu, MD, Assistant Professor</strong></th>
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<thead>
<tr>
<th><strong>Charles Heilig, MD, Professor</strong></th>
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<tbody>
<tr>
<td><strong>Medical School / Graduation date</strong></td>
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<tr>
<td><strong>Internship/residency and year</strong></td>
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<tr>
<td><strong>Subspecialty training and year</strong></td>
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<thead>
<tr>
<th><strong>Ronald Mars, MD, Associate Professor</strong></th>
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<td><strong>Medical School / Graduation date</strong></td>
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<tr>
<td><strong>Internship/residency and year</strong></td>
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<thead>
<tr>
<th><strong>N. Stanley Nahman, Jr, MD, Professor and Division Director</strong></th>
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</thead>
<tbody>
<tr>
<td><strong>Medical School / Graduation date</strong></td>
</tr>
<tr>
<td><strong>Internship/residency and year</strong></td>
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<tr>
<td><strong>Subspecialty training and year</strong></td>
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<table>
<thead>
<tr>
<th><strong>Virginia Urquidi, PhD, Research Associate Professor</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Graduate School and year</strong></td>
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<tr>
<td><strong>PhD</strong></td>
</tr>
<tr>
<td><strong>Post-doctoral training</strong></td>
</tr>
<tr>
<td><strong>Year</strong></td>
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<td><strong>Year</strong></td>
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<tr>
<td><strong>Year</strong></td>
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</tbody>
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**PUBLICATIONS**


**Cu** G and Zabriskie JB. Immunological aspects of transplantation, in Essential Clinical Immunology, John B. Zabriskie, Editor, Cambridge University Press, New York, pg 331-349, 2009

Vesely E, **Heilig** C, Brosius III F. GLUT1 induced cFLIP expression promotes proliferation and prevents apoptosis in vascular smooth muscle cells. *Am J Physiol Cell Physiol*, July 8, 2009 (E-Pub. ahead of print)


### HONORS AND AWARDS

| R Sullivan | 3rd place Fellows’ Research competition - American Society for Clinical Investigation, Southern section | 2008 |
| C Heilig | Invited Speaker, Gordon Conference, Lucca, Italy | 2008 |
| NS Nahman, Jr | Exemplary teacher, UF College of Medicine | 2009 |

### CLINICAL ACTIVITIES

<table>
<thead>
<tr>
<th>Inpatient activity</th>
<th>AY 08/09</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inpatient Nephrology admissions</td>
<td>297&lt;sup&gt;1&lt;/sup&gt;</td>
</tr>
<tr>
<td>Consults</td>
<td>1029</td>
</tr>
<tr>
<td>Acute dialysis runs</td>
<td>4265</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Outpatient activity</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>UF Jax Nephrology clinic visits</td>
<td>4024</td>
</tr>
<tr>
<td>Outpatient dialysis visits</td>
<td>5353</td>
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<sup>1</sup> Closed February 28, 2009

### GRANTS AND CONTRACTS

<table>
<thead>
<tr>
<th>Principal Investigator</th>
<th>Sponsor/Title</th>
<th>Project period</th>
<th>Total direct costs</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Heilig</strong> C</td>
<td>Dialysis Clinic Inc / Mechansims of GLUT 1-induced glomerulosclerosis (projects C-2957 and C-3000)</td>
<td>10/08 – 8/12</td>
<td>$436,733</td>
</tr>
<tr>
<td><strong>Urquidi</strong> V</td>
<td>Florida Breast Cancer Coalition Research Foundation The PRAME gene in Tumor Progression</td>
<td>2009-2010</td>
<td>$75,000</td>
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<tr>
<td><strong>Urquidi</strong> V</td>
<td>NCI-NIH/ Identification and functional analysis of metastasis proteins</td>
<td>9/04-8/09</td>
<td>$1,250,000</td>
</tr>
<tr>
<td><strong>Urquidi</strong> V</td>
<td>NCI-NIH/ Towards a non-invasive molecular test for bladder cancer</td>
<td>9/07 - 8/12</td>
<td>$1,450,000</td>
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</table>
Urquidi V
Susan G Komen breast cancer Research Fdn/Isolation of monclonal metastasis-inhibiting antibodies 7/06 - 6/09 $200,000

Urquidi V
University of Florida Dean’s Fund Faculty Research Grant/ The role of MMP8 protein isoforms in migration and invasion capabilities of breast cancer cells 8/07 - 9/10 $30,000

Nahman J, NS
Dialysis Clinic Inc/Update in Nephrology - 2009 2/09 $20,000

Sommer B, Nahman Jr NS (Co-PI)
Fistula first program/Dialysis Clinic Inc 3/07 - 2/10 $225,000

Darlington A, Nahman Jr NS (mentor)
University of Florida Dean's Fund for Residents and Fellows Research Grant/The use of thromboelastography as a tool to predict tunneled catheter loss 2/07 -1/08 $5,000

Nguyen T, Nahman Jr NS (mentor)
University of Florida Dean's Fund for Residents and Fellows Research Grant/Steps Toward Prevention: A Retrospective Analysis of Risk Factors in ESRD Patients Who Are Exposed to Gadolinium and the Associated Development of Nephrogenic Systemic Fibrosis " 11/07 - 10/08 $5,000
DIVISION OF PULMONARY, CRITICAL CARE AND SLEEP MEDICINE
ACADEMIC YEAR 2009 (7/08 - 6/09)

Highlights

The Division of Pulmonary, Critical Care and Sleep Medicine has had a productive year. The fellowship training program in Pulmonary and Critical Care Medicine began this year. The fellowship has been an excellent experience for all of us. We hope to add two new faculty this coming year. We will add two fellows per year for a total of 6 fellows by 7/2010.

Patient care: The Asthma Clinic, Sleep Clinics, Thoracic Oncology Clinics, Pulmonary Hypertension and Interstitial Lung Disease Clinics are all busy and have waiting lists of patients who wish to be seen. All faculty members and fellows have become proficient in ultrasound guided procedures and in endobronchial ultrasound. We have begun to use general anesthesia to enable us to place endobronchial stents in the outpatient surgical center.

Education: For the third consecutive year a member of our faculty (Luis Laos, M.D.) was selected as teacher of the year by the Internal Medicine housestaff. The fellows are being given the dominant role in providing the MICU monthly lecture series.

Research: The Pulmonary Hypertension and Interstitial Lung Disease program under Dr. Bajwa has attracted an international study (Compass II) and a grant is being submitted for consideration of NIH funding. Dr. Usman had an oral presentation at the American Thoracic Society meeting concerning echocardiographic findings in critically ill HIV patients. Each member of the faculty has had at least one manuscript published in a peer reviewed journal.

LISTING OF FACULTY MEMBERS

Abubakr Bajwa, M.D., Assistant Professor
Medical School / Graduation date: King Edward Medical College, 1999
Internship/residency and year: University of South Dakota, 2003
Subspecialty training and year: Mayo Graduate School of Medicine, 2007

James D. Cury, M.D., Associate Professor and Division Chief
Medical School / Graduation date: University of Miami, 1981
Internship/residency and year: Barnes Hospital/Washington University, 1984
Subspecialty training and year: Washington University, 1987

Kathryn Koch, M.D, Associate Professor
Medical School / Graduation date: John Hopkins, 1975
Internship/residency and year: Medical University of South Carolina, 1977
Subspecialty training and year: Case Western, 1979
PULICATIONS


Kramer D, Arasi L, Cancbal J, Bajwa AA. Automated prone positioning and axial rotation in critically ill, non-trauma patients with ARDS. (Accepted pending publication) Journal Intensive Care Medicine.

Usman F, Pulido J, Bajwa AA. A 19 year old boy with exertional dyspnea. (Accepted, pending publication).


HONORS AND AWARDS

Luis Laos, M.D. University of Florida Exemplary Teacher 2008

CLINICAL ACTIVITIES

<table>
<thead>
<tr>
<th>Inpatient activity</th>
<th>AY 08/09</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inpatient Pulmonary admissions</td>
<td>449</td>
</tr>
<tr>
<td>Inpatient Days</td>
<td>3023</td>
</tr>
<tr>
<td>Average length of stay</td>
<td>6.73</td>
</tr>
<tr>
<td>Number of IP Consults</td>
<td>962</td>
</tr>
<tr>
<td>Outpatient activity</td>
<td></td>
</tr>
<tr>
<td>Clinical Visits</td>
<td>2956</td>
</tr>
<tr>
<td>Procedures</td>
<td></td>
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<tr>
<td>Bronchoscopies</td>
<td>539</td>
</tr>
<tr>
<td>Sleep Studies</td>
<td>666</td>
</tr>
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</table>
DIVISION OF RHEUMATOLOGY AND CLINICAL IMMUNOLOGY
ACADEMIC YEAR 2009 (7/08 - 6/09)

Highlights

Although we are still a small division, we have achieved milestone steps in our steady march towards a successful and interdependent division for patient care, research and education at University of Florida College of Medicine, Jacksonville. Dr. Gurjit Kaeley, as an Assistant Professor of Medicine and Director of Musculoskeletal Ultrasound, and Marinella Lipinski, as a research coordinator, joined us in December 2008. We have also successfully recruited Dr. Chrysoula Pappa as an Assistant Professor of Medicine and she will be joining our division in July 2009. Dr. Ghaith Mitri joined UF – Jacksonville as the Division Chief in September 2007 as the first full-time rheumatologist in over ten years. There is a major shortage of rheumatologists in Jacksonville and we hope with our diverse backgrounds, supportive leadership, hard work and compassion to excel in patient care, research and education will allow us to establish the first fellowship training program in Rheumatology at this institution by July 2010. Currently, we have full-time coverage of outpatient and inpatient consults and rheumatological services especially musculoskeletal ultrasound and IV infusion therapies. We are also working on providing allergy testing and expertise as part of our clinical immunology practice. Education was emphasized with more student and resident rotations, lectures, guest speakers, and round table discussions covering multiple rheumatological and healthcare related issues. Academically, the division published multiple publications in peer-reviewed journals, was awarded a grant and is working on multiple clinical trials, both pharmaceutically sponsored and investigator initiated.

Patient care: The most important achievement was improving access to rheumatological services in the outpatient and inpatient settings. In previous years, the next available appointment for a new patient exceeded 6 months, but it has been minimized to couple of weeks. Inpatient rheumatology consultations are now covered by board certified rheumatologists 24/7 throughout the year. More specialized and patient oriented services are constantly being added to the outpatient setting, such as various infusion services and musculoskeletal ultrasound. The goal is to provide the highest quality of care in response to our patient’s needs and to take leadership position in patient satisfaction.

Education: Education is one of the division’s top priorities. It is the key element in advancing healthcare and recruiting the rheumatologists of the future. Numerous medical students and residents rotated in the outpatient and inpatient consultative services. Numerous lectures have been given to the internal medicine residents and other training programs within the UF College of Medicine, Jacksonville and our grand rounds included invited guest speakers. Several round table discussions involving residents and faculty from UF and Mayo Clinic in Jacksonville were facilitated in order to strengthen the collegial and collaborative efforts between our educational institutions, residents, and faculty members. For the first year we accommodated rheumatology fellow from outside institutions, such as George Washington University and UF – Gainesville, for musculoskeletal ultrasound training. Ultimately, we hope to offer training courses in musculoskeletal ultrasound and a rheumatology review course for the local and national medical community. We are working in collaboration with UF – College of Medicine, Gainesville and the Mayo Clinic in Jacksonville, FL to establish a fellowship training program for the next academic year.

PUBLICATIONS


LISTING OF FACULTY MEMBERS

Gurjit S Kaeley, M.B.B.S., Assistant Professor and Director of Musculoskeletal Ultrasound

| Medical School/Graduation date | The London Hospital Medical College, London, UK | 1990 |
| Internship/residency and year  | University of Tennessee College of Medicine | 1996 |
| Subspecialty training and year | University of Tennessee College of Medicine | 1998 |

Ghaith Mitri, M.D. M.M.M., Assistant Professor and Division Chief

| Medical School/Graduation date | Damascus University School of Medicine | 1995 |
| Internship/residency and year  | Scranton Temple University | 1999 |
| Subspecialty training and year | University of Pittsburg School of Medicine | 2001 |
| Post-Graduate Training and year | Marshall School of Business, USC | 2007 |

CLINICAL ACTIVITIES

| Outpatient activity | 1,734 |

CONTRACTS AND GRANTS

<table>
<thead>
<tr>
<th>Principal Investigator</th>
<th>Sponsor/Title</th>
<th>Budget/Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mitri G</td>
<td>A randomised, double-blind, placebo-controlled, multi-centre prospective dose-finding Phase II/III study with atacicept given subcutaneously to subjects having recently experienced a flare of systemic lupus erythematosus (SLE). Sponsored by SERONO.</td>
<td>$110,512</td>
</tr>
<tr>
<td>Mitri G</td>
<td>An open-label, randomized study to evaluate the safety, tolerability and efficacy of tocilizumab (TCZ) monotherapy or TCZ in combination with non-biologic DMARDs in patients with active rheumatoid arthritis who have an inadequate response to current non-biologic or biologic DMARDs. Sponsored by Roche.</td>
<td>$39,496</td>
</tr>
<tr>
<td>Bajwa A (PI)</td>
<td>Pulmonary Arterial Hypertension (PAH): COMPASS 2: Effects of combination of bosentan and sildenafil versus sildenafil monotherapy on morbidity and mortality in symptomatic patients with pulmonary arterial hypertension – A multicenter, double - blind, randomized, placebo - controlled, parallel group, prospective, event driven Phase IV study. Sponsored by Actelion.</td>
<td>$60,000</td>
</tr>
</tbody>
</table>
rheumatological and healthcare related issues. Academically, the division published multiple publications and resident rotations, lectures, guest speakers, and round table discussions covering multiple disciplines. Education was emphasized with more student involvement in musculoskeletal ultrasound and IV infusion therapies. We are also working on providing allergy testing.

We have full-time coverage of outpatient and inpatient consults and rheumatological services especially in the musculoskeletal area. The Division of Rheumatology and Clinical Immunology has seen an influx of patients due to the shortage of rheumatologists in Jacksonville and we hope with our diverse backgrounds, supportive leadership, hard work and compassion to excel in patient care, research and education will allow us to continue our growth.

Chief in September 2007 as the first full-time rheumatologist in over ten years. There is a major shortage of rheumatologists in Jacksonville and we hope with our diverse backgrounds, supportive leadership, hard work and compassion to excel in patient care, research and education will allow us to continue our growth.

She will be joining our division in July 2009. Dr. Ghaith Mitri joined UF – Jacksonville as the Division Chief in September 2008. We have also successfully recruited Dr. Chrysoula Pappa as an Assistant Professor of Medicine and Director of Musculoskeletal Ultrasound, and Marinella Lipinski, as a research coordinator, joined us in December 2008. Dr. Gurjit Kaeley, as an Assistant Professor of Medicine and Director of Research, started his role in September 2009.

Division of Rheumatology and Clinical Immunology
Division Chief: Ghaith Mitri, MD, MMM

<table>
<thead>
<tr>
<th>Name</th>
<th>Grant Title</th>
<th>Funding Source</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mitri G</td>
<td>RA: WA 19926 A multi-center, randomized, double blind, parallel group study</td>
<td>Perspective</td>
<td>Pending</td>
</tr>
<tr>
<td>Kaeley G</td>
<td>RA: A Randomized, Double-blind, Placebo-controlled, Multiple-dose Study to</td>
<td>Wyeth</td>
<td>Pending</td>
</tr>
<tr>
<td></td>
<td>Evaluate the Safety, Tolerability, and Efficacy of AMG 827 in Subjects with</td>
<td></td>
<td>$46,500</td>
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<tr>
<td></td>
<td>Rheumatoid Arthritis and an Inadequate Response to Methotrexate. Sponsored by</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Amgen.</td>
<td></td>
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<tr>
<td></td>
<td>GRANT: 2009-2010: Unrestricted grant from Wyeth to develop validated Web Atlas</td>
<td>$46,500</td>
<td></td>
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<tr>
<td></td>
<td>of Sonographic Scoring of Rheumatoid Arthritis Activity.</td>
<td></td>
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<td>GRANT: 2008-2009: Unrestricted equipment loan from Sonosite. Equipment Value:</td>
<td>$70,000</td>
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<td>$70,000.</td>
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I. Statement from the Chairman

II. Department Organizational Overview
   a. Administration
   b. Division Chiefs
   c. Residents/Fellows

III. Graduate Medical Education
   a. Internal Medicine Residency Training Program
   b. Subspecialty Fellowship Program
   c. Student Education Programs

IV. Department Research

V. Individual Divisions
   a. Cardiology
   b. Endocrinology
   c. Gastroenterology
   d. General Internal Medicine
   e. Hematology & Medical Oncology
   f. Infectious Disease
   g. Nephrology and Hypertension
   h. Pulmonary, Critical Care & Sleep Medicine
   i. Rheumatology