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   e. Hematology & Medical Oncology
   f. Infectious Diseases
   g. Nephrology & Hypertension
   h. Pulmonary, Critical Care & Sleep Medicine
   i. Rheumatology & Clinical Immunology
Dear Colleagues and Friends:

I am pleased to provide you the Annual Report of the Department of Medicine at the University of Florida-College of Medicine - Jacksonville for the academic year July 2010 through June 2011. I will briefly describe the departmental accomplishments for the past year.

**Patient care:** The Department had another exceptionally productive year. Clinical volumes in all disciplines were strong and allowed the Department to finish up the year with a profit of $527,995 compared to the projected bottom line loss of $24,567. The clinical excellence of the faculty was coupled with continued improvements in clinical operations. Our goal is to continue to provide the kind of care for patients that we would want for our family members.

**Education:** The Department continues to excel in its mission of educating students and residents. There were unprecedented 19 faculty members in the Department who received the Exemplary Teacher Award. The scholarly productivity of the house staff increased substantially and several of the top prizes of the Annual Research Day were awarded to the residents and fellows within the Department. Our residents in the core Internal Medicine program achieved 100% Board pass rate. Continuing Medical Education (CME) initiatives were offered by all the Divisions within the Department including a highly successful Internal Medicine review symposium, annual Nephrology symposium and musculo-skeletal ultrasound course launched with the participation of national and international thought leaders.

**Research:** The Department once again had an exceptionally productive year in research. There were a total of 148 peer reviewed publications and 7 book chapters and editorials authored by faculty members. Faculty made 119 national and regional presentations. During the academic year 2011, we had 24 funded investigators who had extramural funding.

Overall, the Department once again has 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 2011 (7/10 - 6/11)**

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

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

**Jeffrey House, D.O.**  
Program Director, Internal Medicine Residency

**Christina Bailey, M.D.**  
Associate Program Director, Graduate Medical Education

**Carlos Palacio, M.D., M.P.H.**  
Associate Program Director, Graduate Medical Education and Associate Director, Medical Student Clerkship

**Irene Alexandraki, M.D., M.P.H.**  
Director, Medical Student Clerkship

**Michael Haas, Ph.D.**  
Director of Research

**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**  
James Scolapio, M.D.

**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 & Hypertension**  
Charles Heilig, M.D.

**Pulmonary, Critical Care & Sleep Medicine**  
Abubakr Bajwa, M.D.

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

Chief Residents
John-Paul Pham, M.D.
Naveen Seecheran, M.D.

Housestaff I
Candice Aurelus, M.D.
Ronald Brown II, M.D.
Matthew Clark, M.D.
Clare Dover, M.D.
Madhu Emani, M.D.
Stanley Giddings, M.D.
Vishal Jaikaransingh, M.D.
Priyanka Kapoor, M.D.
Wassia Khaja, M.D.
Jaisri Maharaj, M.D.
Siva Marri, M.D.
Neil Mayer, D.O.
Sumit Narula, M.D.
Laurie Ramrattan, M.D.
Tanya Reimschissel, D.O.
Marwan Shaikh, M.D.
Estela Thano, D.O.
Eric Tirnauer, M.D.

Medical School
Howard University College of Medicine
University of Louisville School of Medicine
St. Matthews University
University of Florida College of Medicine
Bangalore Medical College
University of the West Indies
Kasturba Medical College
Baylor College of Medicine
University of the West Indies
NTR University of Health Sciences
Nova Southeastern College of Osteopathic Medicine
Kasturba Medical College
University of the West Indies
Lake Erie College of Osteopathic Medicine
University of Toledo College of Medicine
Lake Erie College of Osteopathic Medicine
University of Miami School of Medicine

Housestaff II
Ramandeep Bambrah, M.D.
Chandrika Chandrasekharan, M.D.
Emily Christman, M.D.
Sarada Jaimungal, M.D.
Arezo Karmand, M.D.
Cristian Landa, M.D.
Ann Lee, M.D.
Joel Martinez-Ramirez, M.D.
Reshma Ramlal, M.D.
Vinoo Ramsaran, M.D.
Rohan Samson, M.D.
Miloni Shroff, M.D.
Amita Singh, M.D.
Ryan Wilson, M.D.

Medical School
Ross University School of Medicine
Tamil Nadu Dr MGR Medical University
Georgetown University School of Medicine
University of the West Indies, Trinidad
Ross University School of Medicine
Ross University School of Medicine
University of Puerto Rico School of Medicine
University of the West Indies, Trinidad
University of the West Indies, Trinidad
Tamil Nadu Dr MGR Medical University
Mahatma Gandhi Mission’s Medical College
M.P. Shah Medical College
Ross University School of Medicine

Housestaff III
Justin Federico, D.O.
Jawahar Gazzala, M.D.
Ankur Girdhar, M.D.
Sanjay Hegde, M.D.

Medical School
Lake Erie College of Osteopathic Medicine
Sri Ramachandra University
All-India Institute of Medical Sciences
University of South Florida College of Medicine
Mohammad Izhar, M.D.  
Syed Jafri, M.D.  
Brandon Kinney, M.D.  
Sudha Koduru, M.D.  
Hasan Riaz, M.D.  
Muhammad Salahuddin, M.D.  
Shawn Tai, M.D.  
Louise Zhou, M.D.  

Khyber Medical College  
Sindh Medical College  
University of Texas Medical School  
St. George's University School of Medicine  
Nishtar Medical College  
Ross University School of Medicine  
Ross University School of Medicine  
Ross University School of Medicine

Subspecialty Fellowship Program Directors

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

Subspecialty Fellow – Housestaff IV

Michael Babcock, M.D. – Cardiology  
Lacie Brenner, M.D. – Gastroenterology  
Melvin Bullock, M.D. – Gastroenterology  
Andrew Darlington, D.O. – Cardiology  
Philip Habib, M.D. – Cardiology  
Margaret Gladysz, M.D. – Endocrinology  
Rachel Lee, M.D. – Cardiology  
Reuben Maggard, M.D. – Nephrology  
Jasid Matharu, M.D. – Pulmonary Critical Care  
Sandra Meslini, M.D. – Endocrinology  

Medical School

Wake Forest University  
Medical College of Georgia  
Philadelphia College of Osteopathic Medicine  
Northeastern Ohio University College of Medicine  
Ross University School of Medicine  
University of Hawaii John A Burns School of Medicine  
University of Kentucky College of Medicine  
St. George’s University School of Medicine  
Vilnius University

Subspecialty Fellow – Housestaff V

Junaid Ahmed, M.D. – Cardiology  
Rosaly Alcalde, M.D. – Endocrinology  
Jeffrey Blackburn, M.D. – Cardiology  
Suzanne Brulte, M.D. – Nephrology  
C. Bruce Cochrane, M.D. – Infectious Disease  
Jelica Janicijevic, M.D. – Cardiology  
Herman Kado, M.D. – Cardiology  
Mohammad Asif Khan, M.D. – Medical Oncology  
Emad Naem, M.D. – Endocrinology  
Suraj Naik, M.D. – Gastroenterology  
Thomas Nguyen, M.D. – Nephrology  
Vinny Samuel, M.D. – Pulmonary Critical Care  
Vandana Seeram, M.D. – Pulmonary Critical Care  
Nina Singh, M.D. – Gastroenterology  
Siva Suryadevara, M.D. – Cardiology

Medical School

Creighton University School of Medicine  
Ross University School of Medicine  
University of South Carolina School of Medicine  
University of Alabama School of Medicine  
University of Miami School of Medicine  
Temple University School of Medicine  
Wayne State University School of Medicine  
Khyber Medical College  
University of Damascus  
University of Texas Southwestern Medical School  
Drexel University College of Medicine  
Ross University School of Medicine  
University of West Indies  
University of Florida College of Medicine  
University of West Indies
**Subspecialty Fellow — Housestaff VI**

- Bharat Gummadi, M.D. — Cardiology
- Ajay Mhatre, M.D. — Cardiology
- Saeed Payvar, M.D. — Cardiology
- J. Danny Pulido, M.D. — Pulmonary Critical Care
- William Salyers, M.D. — Gastroenterology
- Moiz Shafiq, M.D. — Cardiology
- Ansley Tharpe, M.D. — Gastroenterology
- Faisal Usman, M.D. — Pulmonary Critical Care

**Medical School**

- St. George’s University School of Medicine
- Florida State University College Of Medicine
- Iran University of Medical Sciences
- Universidad de Ciencias Medicas
- University of Kansas School of Medicine
- University of Texas Southwestern Medical School
- Medical College of Georgia
- Allama Iqbal Medical College

**Subspecialty Fellow — Housestaff VII**

- Harold Dietzius, M.D. — Interventional Cardiology
- Carlos Giraldo, M.D. — Interventional Cardiology
- Naseer Nasser, M.D. — Cardiac Electrophysiology
- Ali Nasur, M.D. — Cardiac Electrophysiology

**Medical School**

- University of Dublin
- Temple University School of Medicine
- University of Baghdad
- University of Khartoum
Graduate Medical Education
Academic Year 2011 (7/10 - 6/11)

Highlights

The academic year of 2011 marked a year of growth maturity within the Department of Medicine’s training programs. The Internal Medicine Residency Program now enters the midway point of its 6 year accreditation cycle, as do several of the fellowship programs. The residency has not only continues to recruit high quality interns who serve as the foundation of the program, but also graduates residents who are well prepared for further advancements. Details of the successes this past academic year are summarized below.

Internal Medicine Residency Program: The program not only enjoys the success of a 6 year accreditation cycle, but also had a 100% ABIM certification for the graduating class of 2010. Although much of this success can be attributed to the contributions of the faculty, credit also goes to the hard work from this graduating class.

This past academic year was the first complete year with program leadership of Drs House, Bailey, and Palacio. As the program directors became more experienced in their roles as administrators, mentors, and teachers, the program continued to flourish in large part due to the strong residents, faculty and administrative support staff. The incoming interns for the 2010 academic year achieved mean 2-digit USMLE step 1 score of 92, joining their seniors who also had high USMLE scores. The 2010 Match was another successful year with the future incoming class also attaining mean 2-digit step one score in the 90s. As previously mentioned, the year began with the graduating class achieving 100% ABIM certification. The significance of this achievement is also reflected in the 3 year rolling average exceeding 90% for the first time in the programs history. Graduating residents from the 2010 class were diverse in their future endeavors. Six of the graduates have gone on to fellowship training, while 2 residents stayed on as administrative chief residents. Hospital Medicine continues to be an attractive career option for young internists as 3 graduates pursued this field upon graduation. The program enjoyed having two fantastic chief residents; Drs Navneet Seecheran and JP Pham, both of whom were successful in matching into cardiology fellowships. Numerous faculty within the Department of Medicine were recognized as Exemplary Teachers by the University of Florida, and Dr. House represented the GME program by being one of these recipients. The Residency continued its strong showing at the Florida ACP when Chandrikha Chandrasekharan, Reshna Ramlal, and Vishal Jaikaransingh won their flight in Doctors Dilemma. They will have the opportunity in the upcoming academic year to compete for the chance to go to Nationals. In research, residents submitted abstracts to the Florida ACP, National Kidney Foundation, American Academy of Ophthalmology, American College of Gastroenterology, and the Society of Chest Pain Centers. Resident research accounted for 3 internal research grants, 6 published manuscripts, 2 published abstracts and 40 poster presentations. Department of Medicine once again this year had a large presence at the Research Day. Over a third (36 out of 97) of platform and poster presentations of fellows and residents were made by the members of the Department. Of the platform presentations Dr. Ryan Wilson was the first place prize winner.

Subspecialty Fellowship Program: New programs continued to mature and had successful site visits from the Resident Review Committee (Pulmonary/critical care and electrophysiology). A new fellowship, rheumatology was approved during this past year and their first fellow is scheduled to begin during the 2011 academic year. The addition of this training program now add brings the total number of postgraduate fellowships to 9 (Cardiology, Electrophysiology, Endocrinology, Interventional Cardiology, Gastroenterology, Infectious Disease, Medical Oncology, Nephrology and Pulmonary/critical care). Along with the Core Program, several programs (Cardiology, Interventional Cardiology, Infectious Disease and Medical Oncology) are all in the middle of their 6 year accreditation cycle, and are planning for their mid
cycle reviews in the upcoming academic year. The trainees of all of these fellowship programs deserve accolades for their successes and specific details are noted within Division Reports.

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 setting. With the addition of Dr. Kuo to the Division of General Internal Medicine, students have now resumed 4th year Geriatric Clerkships.

**LISTING OF PROGRAM LEADERSHIP**

**John-Paul Pham, MD, Post-doctoral Associate and Chief Medical Resident**
Medical School / Graduation date: Marshall University 2007
Internship/residency and year: University of Florida Jacksonville 2010
Chief Medical Resident: University of Florida Jacksonville 2011

**Naveen A. Seecheran, MD, Post-doctoral Associate and Chief Medical Resident**
Medical School / Graduation date: University of West Indies, Trinidad 2005
Internship/residency and year: University of Florida Jacksonville 2010
Chief Medical Resident: University of Florida Jacksonville 2011

**Irene Alexandraki, MD, Assistant Professor and 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

**Christina Bailey, MD, Assistant Professor and Associate Program Director**
Medical School / Graduation date: University of Texas, Houston 1995
Internship/residency and year: University of Florida Jacksonville 1998
Subspecialty training and year: Infectious Diseases/University of Florida Jacksonville 2000

**Jeff House, DO, Assistant Professor and Program Director**
Medical School / Graduation date: Nova Southeastern University 1997
Rotating Internship: Broward General Hospital 1998
Internship/residency and year: University of Florida Jacksonville 2001

**Carlos Palacio, MD, Associate Professor, Associate Program Director, and Associate Student Clerkship Director**
Medical School / Graduation date: University of Miami 1993
Internship/residency and year: University of Florida Jacksonville 1996
Chief Medical Resident: University of Florida Jacksonville 1997
PUBLICATIONS

Scholarly Activity
Sorted by category (grants, presentations, published abstracts, and manuscripts), and by year within each category. Residents, both current and alumni are underlined.

Published manuscripts


Published abstracts


Presentations


Izhar M.  Pulmonary hypertension secondary to pulmonary veno-occlusive disease: a rare and challenging disease entity.  Poster Presentation. UF College of Medicine Research Day, Jacksonville, FL. May 12, 2011.


Koduru S.  Chronic hypoxia in a young lady with pulmonary AVMs.  Poster Presentation. UF College of Medicine Research Day, Jacksonville, FL. May 12, 2011.


Ramrattan LA.  Malignant duodenal melanoma presenting as iron deficiency anemia. Poster Presentation. UF College of Medicine Research Day, Jacksonville, FL. May 12, 2011.


Salahuddin M.  Transplantation of hepatitis c positive kidneys into selected hepatitis c negative recipients.  Poster Presentation. UF College of Medicine Research Day, Jacksonville, FL. May 12, 2011.

Tai S.  Association between breast cancer receptors status with body mass index and ethnicity. Poster Presentation. UF College of Medicine Research Day, Jacksonville, FL. May 12, 2011.


HONORS AND AWARDS

Ron Brown, MD Intern of the Year 2011

Shawn Tai, MD Resident of the Year 2011

Dave Cury, MD Teacher of the Year 2011
**Exemplary Teachers:** (arranged alphabetically)


Muhammad Salahuddin was awarded the Exemplary Teacher Award for residents.

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

Shawn Tai was the recipient of the Edward Jelks for Outstanding Resident Clinician of the Year.

Muhammad Salahuddin was honored as the ACP Resident of the Year in 2011 and received the Malcolm T. Foster Scholarship Award.

**ENDOWMENTS AND GIFTS**

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

**GRANTS AND CONTRACTS**


**CLASS OF 2011 DESTINATIONS**

<table>
<thead>
<tr>
<th>Professional status</th>
<th>Location</th>
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<tbody>
<tr>
<td><strong>Outgoing Chiefs</strong></td>
<td></td>
</tr>
<tr>
<td>John-Paul Pham, MD</td>
<td>Fellowship, Cardiology University of Wisconsin, Madison</td>
</tr>
<tr>
<td>Naveen Seecheran, MD</td>
<td>Fellowship, Cardiology University of Vermont</td>
</tr>
<tr>
<td><strong>Graduating Residents</strong></td>
<td></td>
</tr>
<tr>
<td>Justin Federico, DO</td>
<td>Chief Medical Resident University of Florida Jacksonville</td>
</tr>
<tr>
<td>Jawahar Gazzala, MD</td>
<td>Heart Failure/Transplant Fellowship Baylor University, Dallas, TX</td>
</tr>
<tr>
<td>Ankur Girdhar, MD</td>
<td>Pulmonary/Critical Care Fellowship University of Florida Jacksonville</td>
</tr>
<tr>
<td>Sanjay Hegde, MD</td>
<td>Group Practice Tampa, FL</td>
</tr>
<tr>
<td>Mohammad Izhar, MD</td>
<td>Geriatric Fellowship University of Florida Gainesville</td>
</tr>
<tr>
<td>S. Hammad Jafri, MD</td>
<td>Chief Medical Resident University of Florida Jacksonville</td>
</tr>
<tr>
<td>Brandon Kinney, MD</td>
<td>Group Practice Dallas, TX</td>
</tr>
<tr>
<td>Sudha Koduru, MD</td>
<td>Group Practice Richmond, VA</td>
</tr>
<tr>
<td>Name</td>
<td>Fellowship</td>
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<tr>
<td>Hasan Riaz, MD</td>
<td>Geriatric Fellowship</td>
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<td>Nephrology Fellowship</td>
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<tr>
<td>Muhammad Salahuddin, MD</td>
<td>Nephrology Fellowship</td>
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<tr>
<td>Shawn Tai, MD</td>
<td>Medical Oncology Fellowship</td>
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<tr>
<td>Louise Zhou, MD</td>
<td>Group Practice</td>
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<td>Medical Oncology Fellowship</td>
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</tbody>
</table>
The Department of Medicine performed very well in carrying out its mission to support the research efforts of the faculty. **Figure 1** shows that external funding awards (federal, state, industry, and foundation) to obtained by faculty of the Department of Medicine increased 13% this fiscal year compared to last. This increase is in part due to the increase in the number of funded investigators (24, **Figure 2**) and the large number of projects (75) that were funded the past fiscal year (**Figure 3**).

Basic science in the Department of Medicine is continuing to flourish in the Medical Research Building. **Xiaoyu Li, M.D., Ph.D.** (Gastroenterology) is examining cellular responses to hepatitis C virus infection at the molecular level and has several clinical trials examining the effect of new investigational drugs on hepatitis C patients. **Charles Heilig, M.D.** (Nephrology & Hypertension) is investigating the role of glucose transporter 1 and mechano-growth factor in kidney disease and diabetes. **Minghui Xiang, Ph.D.** (Nephrology & Hypertension) is cloning Na\(^+\)/K\(^+\) antiporters that are involved in hypertension and diabetes. **Leighton James, M.D.** (Nephrology & Hypertension) is examining the roles of various growth factors in diabetic kidney disease. **Michael Haas, Ph.D.** (Endocrinology) is investigating molecular mechanisms that regulate transcription of genes involved in cholesterol transport in cardiovascular disease.

Several opportunities are available for residents and sub-specialty fellows to participate in basic and clinical research. **Carlos Palacio, M.D.** (General Internal Medicine) and **Michael Haas, Ph.D.** (Endocrinology) presented a series of five lectures to the residents and fellows covering clinical study design, statistics, and principles and methods of basic science research. Several residents and fellows received the Deans Fund Research Grant enabling them to carryout research projects under the mentorship of faculty. At Research Day, 36 of the 97 posters were presented by Department of Medicine residents and fellows. **Ryan Wilson, M.D.** and **Rosalyn Alcalde, M.D.** (fellow, Endocrinology) placed first and fourth place, respectively in the oral presentation competition, and **Margaret Gladysz, M.D.** (fellow, Endocrinology) received the third place prize for her poster. This outstanding performance is due in part to the desire and hard work of each faculty mentor.
DIVISION OF CARDIOLOGY
ACADEMIC YEAR 2011 (7/10 - 6/11)

Highlights

The division of Cardiology had a strong bottom line in FY 11. Cardiology finished the year with a positive bottom line on the professional side (physician budget) as well as the hospital side. The Shands Cardiovascular budget, which has eight cost centers, had a positive contribution margin for FY 11.

The division continues to practice in Lake City and St. Mary’s, Georgia. Both of these practices are strong practices that not only contribute positively to the UF budget but also to the Shands budget with downstream revenue. We discontinued our practice in Live Oak; hopefully to add more services to this area in the future. The St. Mary’s clinic expanded to a new building in a new location. The new facility is larger which has allowed Cardiology to expand the volume of patients seen daily. Cardiology continues to work closely with HMA and the current Lake Shore administrator to continue the partnership with Lake Shore and possibly expand Cardiovascular Services in Lake City.

The Peripheral Vascular Program continues to be strong under the leadership of Dr. Luis Guzman. The program is working towards a non-ACGME training program in FY12.

The number of referrals Cardiology received from outside the Jacksonville area has increased over the past year. These are mostly high acuity cases needing high risk coronary intervention. Dr. Bass continues to expand his referral base by performing high risk angioplasty on patients who have been turned down for surgical treatment.

We hired a female cardiologist to develop and lead a Women’s Cardiovascular Health Program.

Customer Service: In regards to Customer Service, Cardiology has made many improvements in Customer Service. New policies and procedures have been put in place to decrease the registration time for patients in clinic. New policies have also been put in place to decrease the wait time for patients who are having a diagnostic/interventional procedure performed.

The Cardiology Inpatient Unit (CCU) continued to have strong patient satisfaction scores. CCU continues to be above the 85% percentile in patient satisfaction scores.

Cardiology Goals for FY 11 are as follows:

- Continue to grow research in all areas of Cardiology
- Collaborate with Emergency Department on a Chest Pain Center.
- Work with hospital to establish a true Heart Failure program.

Education: We receive between 400-500 applications per year for five available spots in our General Cardiology Fellowship Program. Applications are screened eighteen months prior to the start of the program. This past year we received 525 applicants thru ERAS (Electronic Residency Application Service) of which 58 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.

Cardiovascular Fellowship Program: 15 fellows; 5 per year for 3 years; 5 graduates per year: this past year 4 continued in private practice and 1 continued at another academic institution as a non-invasive cardiologist with a specialty in echocardiography training; >10 publications, >10 presentations this calendar year. Interventional Cardiovascular Program: 2 fellows per year (1 year fellowship). Clinical Electrophysiology Fellowship: 2 fellows per year (1 year fellowship)
For the past several years, the CV fellowship has introduced a learners' portfolio for each of the cardiovascular fellows. The portfolio is a repository for a variety of learning experiences: conferences attended, courses taken, conferences given, and practice base learning projects. It catalogues procedural numbers, scholarly activities, and QI projects. It addresses each of the 6 general competencies. It will dovetail nicely with the American College of Cardiology's new Fellow in Training portfolio and life-time learning portfolio for members.

**Research:** We have clinical trials: ~25 active studies in various fields of cardiovascular diseases (ACS, PCI, EP, HF). Academic productivity: ~45 peer-reviewed manuscripts, >100 presentations at national and international meetings, and 6 book chapters.

## LISTING OF FACULTY MEMBERS

### 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: The Catholic University of the Sacred Heart Medical School, Italy 1997
- Subspecialty training and year: University Hospital of Salamanca, Spain/The Policlinico 1998
- Subspecialty training and year: Agostino Gemelli University Hospital, Italy/San Carlos 2003
- Subspecialty training and year: University Hospital

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

### Lyndon Box, M.D., Assistant Professor
- Medical School / Graduation date: University of Mississippi – Birmingham, Alabama 2001
- Internship/residency and year: Carraway Methodist Medical Center/Oregon Health Sciences University 2002
- Subspecialty training and year: University of Florida – Jacksonville, Florida 2008

### Douglas Chapman, M.D., Assistant Professor
- Medical School / Graduation date: Chicago Medical School 1984
- Internship/residency and year: University of Missouri 1987
- Subspecialty 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
- Subspecialty 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: Churuca-Visca Hospital, Argentina 1986
- Subspecialty 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
Subspecialty training and year Thomas Jefferson University 1997

Robert Kim, M.D., Assistant Professor
Medical School / Graduation date Tufts University School of Medicine – Boston, MA 1998
Internship/residency and year St. Elizabeth’s Medical Center – Boston, MA/University of MA Medical Center-Worcester, MA 2001
Subspecialty training and year Dartmouth-Hitchcock Medical Center – Lebanon, NH 2008

Steven Lavine, M.D., Associate Professor
Medical School / Graduation date Temple University 1976
Internship/residency and year Temple University 1979
Subspecialty training and year Temple University 1981

Alan Miller, M.D., Professor
Medical School / Graduation date University of Pittsburgh 1966
Internship/residency and year Mount Sinai 1968
Internship/residency and year George Washington University 1971
Subspecialty training and year Cleveland Metropolitan Hospital 1973

David Nabert, M.D., Associate Professor
Medical School / Graduation date UMDNJ – New Jersey Medical School 1988
Internship/residency and year Hackensack University Medical Center 1991
Subspecialty training and year Ochsner Medical Foundation 1999

Joseph Pensabene, M.D., Assistant Professor
Medical School / Graduation date The Chicago Medical School 1984
Internship/residency and year Overlook Hospital 1987
Subspecialty training and year Cardiovascular Disease, Northwestern Memorial Hospital 1990
Subspecialty training and year Interventional Cardiology, UCLA Medical Center 1991
Subspecialty training and year Cardiac CT and Cardiac MRI, University of Florida – Jacksonville 2006

Robert Percy, M.D., Associate Professor
Medical School / Graduation date University of Mississippi 1973
Internship/residency and year University of Mississippi 1977
Subspecialty training and year Joslin Clinic 1979
Subspecialty training and year Mass General Hospital 1981

Martin Zenni, M.D., Associate Professor
Medical School / Graduation date University of Chicago 1986
Internship/residency and year Tufts University 1989
Subspecialty training and year Harvard Medical School 1992
PEER-REVIEWED MANUSCRIPTS


Angiolillo DJ, Ueno M. Optimizing Platelet Inhibition in Clopidogrel Poor Metabolizers: Therapeutic Options and Practical Considerations. JACC Interv 2011 (in press).


ABSTRACT PRESENTATIONS


Angiolillo DJ, Hwang C, Datto C, Sostek M. Phase 1, Randomized, Double-Blind, Placebo-Controlled Trial Evaluating the Antiplatelet Effects of Naproxen and Esomeprazole Magnesium (VIMOVO™) and Concomitant Low-Dose Aspirin. American College of Cardiology/i2 Summit 2011. New Orleans, LA.


**BOOK CHAPTERS**


**CLINICAL ACTIVITIES**

<table>
<thead>
<tr>
<th>Inpatient activity</th>
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*Attendings and Fellows:*
- Jacksonville Clinic = 9,899
- Lake Shore = 1,372
- Live Oak = 105
- St Marys = 2,679

**CONTRACTS AND GRANTS**

<table>
<thead>
<tr>
<th>Study Title</th>
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<th>Sponsor</th>
<th>Award Amount</th>
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<tr>
<td>Mechanistic of Variable Platelet Inhibitory Effects of Clopidogrel in Patients with Type 2 Diabetes Mellitus – A Pilot Study</td>
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<td>Effects of Cigarette Smoking on Clopidogrel Induced Anti-platelet Effects in Patients with Coronary Artery Disease</td>
<td>2010-2013</td>
<td>James &amp; Esther King Biomedical Research Program</td>
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<td>Impact of prasugrel re-load on platelet aggregation in patients on chronic prasugrel therapy</td>
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DIVISION OF ENDOCRINOLOGY, DIABETES AND METABOLISM
ACADEMIC YEAR 2011 (7/10 - 6/11)

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. The most significant event was the recruitment of the first new faculty member for the growing division since its reconstitution in 2007. Clinically, major events included expansion of clinical services and clinical research. The endocrinology faculty initiated new in vitro investigations into hormonal action with new acquisitions in the laboratory. Academically, the division submitted multiple publications and contributed immensely to the University’s educational mission, to 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 College of Medicine, Jacksonville campus and at Emerson Street as well as for referring physicians in the Northeast Florida /Southern Georgia region and beyond. Dr. Joe Chehade, Dr. Arshag Mooradian, Dr. Mae Sheikh-Ali and Dr. Kent Wehmeier are the core clinical faculty. Dr. Emad Naem one of our graduating fellows will join the faculty July 1st, 2011. The division addresses clinical endocrinology problems related to hypothalamus, pituitary, thyroid, pancreas, adrenal and sex hormone gland dysfunction. Patients with metabolic disorders including diabetes mellitus, metabolic syndrome, obesity, anorexia, hypercholesterolemia, calcium and metabolic diseases such as osteoporosis and vitamin D deficiency are evaluated and treated. The division’s main clinical operations occur at University of Florida Endocrinology and Diabetes at Emerson Medical Plaza. The number and variety of consultations continue to ascend. Patients are also evaluated at the Shands Jacksonville Ambulatory Care Center (ACC). Dr. Chehade and Dr. Sheikh-Ali perform analyses of the glucose monitoring data obtained by continuous glucose monitoring to make recommendations regarding diabetes management. Diabetes care has been strengthened by the partnering of outpatient diabetes education with the Division of Endocrinology. Meredith Smith, MS, RD, LD provides onsite education at the UF Emerson location for diabetes management, carbohydrate counting and medical nutrition therapy (MNT.)

A unique collaboration with University of Florida College of Medicine Jacksonville’s Department of Surgery, Radiology and Pathology has enhanced the care of patients with thyroid disease. Through the discussion and implementation of diagnostic and treatment protocols the care of these patients has been standardized to better evaluate outcomes and focus on patients with more challenging management issues. Dr. Chehade and Dr. Sheikh-Ali both utilize ultrasound guidance for the evaluation of patients with thyroid nodules and thyroid cancer.

The dynamic testing clinic at University of Florida Endocrinology and Diabetes at Emerson Medical Plaza has enhanced the evaluation of adrenal and pituitary disease.

On the inpatient service, many more patients are served by endocrinology consultation. The division has also been instrumental in the institution and implementation of a standardized order form for insulin therapy in hospitalized patients. To provide excellence in the care of patients with pituitary disease, Dr. Michael Petr in the Division of Neurosurgery, Dr. Iman Naseri in the Division of Otolaryngology, Dr. the Department of Ophthalmology and Dr. Robert Malyapa in the Department of Radiation Oncology have partnered together with the Division of Endocrinology as a network of specialists devoted to the care of these patients. The division also presented evaluation and management techniques in the areas of diabetes, thyroid disease and osteoporosis to UF Family Practice clinics to facilitate optimal care of patients with these conditions.
Education: A successful ACGME site visit of the Endocrinology fellowship was completed in May 2010. The program received a 4 year accreditation, with four fellows under the direction of Dr. Wehmeier and Assistant Program Director Dr. Sheikh-Ali. Dr. Margaret Gladysz, from the Medical College of Wisconsin and Dr. Sandra Mesliniene St. Luke’s Roosevelt Hospital Center joined the division July 1st of 2010 and have been active clinically and participate in scholarly activity of the division. All four fellows have made substantive contributions to the clinical care, education and research mission of the division. Dr. Rosalyn Alcalde, a graduate of the UF College of Medicine Jacksonville core medicine program has accepted a position at Baptist Medical Center South in Jacksonville, FL and Dr. Emad Naem has accepted a faculty position in the University Of Florida College Of Medicine Jacksonville, Division of Endocrinology.

In residency education, Dr. Wehmeier continues as rotation director of relevant educational programs for Endocrinology. He is the primary liaison between the Core Residency Program and the division, and is a member of the Resident Education Committee. The faculty members and fellows participate in teaching rounds, in the clinic and in conferences to enhance the experience of the rotating residents.

In the educational program of University of Florida medical students and physician assistant students, Dr. Chehade, Dr. Sheikh-Ali and Dr. Wehmeier preceptor clinics in endocrinology and coordinated lectures for the University of Florida medical students and residents in medicine and emergency medicine. The division continues to provide monthly report cards to the Department of Medicine for the purposes of performance improvement in the area of insulin utilization. The division’s endocrinology grand rounds provides an avenue for speakers at UF Jacksonville and Gainesville to share knowledge and enhance collaboration between various disciplines at UF. The 2011 Update in Internal Medicine was another venue that division faculty contributed to the educational mission of UF.

Research: Strides have been made in making clinical research more attractive to industry and to potential subjects. Under the guidance of division members the awards have continued to grow. The research lab continues to be a place of learning and scholarly activity. Investigations regarding the effects of multiple hormones on the expression of the most important protein in the high density lipoprotein (HDL) particle, Apo AI, and the involvement of endoplasmic reticulum (ER) stress and oxidative stress in coronary artery disease continue to reveal critical insights. The division made a strong showing at the University Of Florida College Of Medicine Jacksonville Research Day with five posters; one poster received a third place award and a platform presentation garnered a fourth place award in the judging. All four fellows had poster presentations displaying their research at national meetings including the American Association of Clinical Endocrinology and the Endocrine Society.

Philanthropy: The division members have been the recipients of many gifts. In the spirit of giving back the members have contributed of their time, effort and resources to the underserved and to children in Jacksonville as well as overseas.

LISTING OF FACULTY MEMBERS

<table>
<thead>
<tr>
<th>Joe Chehade, M.D., Associate Professor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medical School / Graduation date</td>
</tr>
<tr>
<td>Internship/residency and year</td>
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<tr>
<td>Subspeciality training and year</td>
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</table>
Michael Haas, Ph.D., Research Associate Professor
Graduate School/Graduation date University of Nebraska Medical Center 1991
Post-Graduate Training and year McArdle 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


Mooradian AD, Chehade JM. Diabetes Mellitus in Older Adults. Am J Ther. 2011 Jan 18. [Epub ahead of print]


**Mooradian AD**. Subclinical Hypothyroidism in the Elderly: To Treat or Not to Treat? Am J Ther. 2010 Jul 10.


**Book chapters:**

**Presentations:**
Alcalde R. Estrogen-dependent inhibition of hyperglycemia–induced endoplasmic reticulum stress and superoxide generation in endothelial cells. UFCOMJ Research Day May 2011. *Platform award winner*

**Gladysz M**. Inhibition of Apolipoprotein AI gene expression in hepatocytes by TNF a requires the pro-inflammatory transcription factor c-Jun. UFCOMJ Research Day May 2011. *Poster award winner*

**Haas MJ**. Testosterone-associated changes in AKT an FOXO3A phosphorylation and Atrogin1 mRNA in mouse skeletal muscle. UFCOMJ Research Day May 2011. (poster presentation)

**Mesliniene S**. Upregulation of Apolipoprotein AI gene expression in vitamin D receptor knockout mice. UFCOMJ Research Day May 2011. (poster presentation)

**Mooradian AD**. Diabetic dyslipidemia. Update in Internal Medicine. Atlantic Beach, FL 2010.

**Naem E**. Smoking related dyslipidemia and inhibition of Apolipoprotein AI gene expression by the Aryl hydrocarbon receptor UFCOMJ Research Day May 2011. (poster presentation).


CLINICAL ACTIVITIES

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<td>Initial IP Encounters</td>
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<td>Thyroid Biopsies</td>
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GRANTS AND CONTRACTS

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<td>Acute Effect of Hookah Smoking on Hormonal and Metabolism Parameters: A Pilot Study</td>
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<td>Joe Chehade, MD</td>
<td>Novo Nordisk</td>
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<td>Eli Lilly IOPZ</td>
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<td>Mae Sheikh-Ali, MD</td>
<td>Novo Nordisk Protocol</td>
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DIVISION OF GASTROENTEROLOGY  
ACADEMIC YEAR 2011 (7/10 – 6/11)

Highlights

The Division of Gastroenterology had an outstanding 2010-2011 fiscal year. Clinically, the Division saw outpatients on the main campus at the Ambulatory Care Center (ACC), as well as Emerson Gastroenterology Clinic, UF Jacksonville Faculty Clinic, Beaches Digestive Clinic, and the Southside Digestive Clinic. Capsule endoscopy, and diagnostic breath tests were performed at the Emerson campus. Endoscopy procedures were performed at Shands Jacksonville Medical Center and the Medical Partners Surgery Center at Emerson. The research operation saw us acquiring several new industry sponsored grants. The fellowship program continues to excel. Our fellows spend their liver transplant experience at the Mayo Clinic. Ravi Kottoor served as Interim Chief from June 2009 until May 1, 2011. Dr. James Scolapio joined the department as Chief of Gastroenterology and GI Fellowship Director on May 2, 2011. Dr. Scolapio is a Professor of Medicine with a clinical interest in nutrition. He is a former Associate Dean of Continuing Medical Education and President of the Florida Society of Gastroenterology.

Each member of the division plays an active role in division activities. Dr. James Scolapio serves as Chief and Program Director of Gastroenterology; Dr. Juan Munoz is Director of Endoscopy; Dr. Xiaoyu Li is Director of Hepatology and Research; Dr. Ravi Kottoor is Director of Inflammatory Bowel Disease and Dr. Paul Sievert is the GI champion for quality improvement projects.

Patient Care: The patient care aspect of the academic mission is pursued by the Division through three clinics of the University of Florida which includes the inpatient consult service 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. We provide two special clinics per week caring for patients with inflammatory bowel disease and two Hepatology clinics per week to focus on patients with liver disease. We currently serve patients with 21 Emerson clinics and 20 ACC clinics. At our GI Lab and the Emerson clinic, we perform infusion therapy with biologics for inflammatory bowel disease. Our three Physician Assistants Ben Ebuen, Kerri Elfvin and Kelly England continue to play an active role in patient care at both campuses.

Education: The faculty continues to be involved in the education of Internal Medicine residents. The GI Resident Clinic is conducted once a week by Dr. Ravi Kottoor. The GI faculty is actively involved in presenting topics of interests during the Internal Medicine Grand Rounds and core lectures. Dr. Kottoor has also participated in the continuing medical education seminar, Internal Medicine Update, organized by the Department of Internal Medicine. Dr. Li has mentored GI Fellows, medical residents and postdoctoral fellow in his research activities as well. Dr. Munoz and Dr. Habashi teach GI fellows, Surgery residents and Internal Medicine residents in the GI Endoscopy Lab.

The division continues to excel in its Gastroenterology Fellowship Program which consists of two fellows per year. The program continues its 100% board passing rate by previous year’s graduates. Our fellows are presenting their academic work at national GI meetings including the recent Digestive Disease Week. After a site visit conducted by the ACGME in July 2008, the program was granted accreditation for the next three and a half years.

Research: Divisional research activities include basic and clinical studies on a variety of Gastroenterology diseases by our faculty members. We have a basic molecular Genetics lab lead by Dr. Xiaoyu Li. His research has been focused on interactions of host innate immunity and hepatitis C virus (HCV). Two new genes involved in interferon therapy and HCV replication were identified in his laboratory. His work was presented in regional, national and international conferences and published in high-quality peer-reviewed journals. Dr. Xiaoyu Li was invited to give speeches at the international conferences and other universities. In our clinical studies, our GI faculty members have published
papers on a wide range of topics including Barrett’s esophagus, IBD, liver diseases, pancreas diseases, and Nutrition. Dr. Juan Munoz carried out the ablation of Barrett’s Esophagus to be included in the HALO registry to monitor these patients. Dr. Ravi Kottoor is working on a fecal marker for inflammatory bowel disease. We are also participants in multiple clinical trials. Recently, Dr. James Scolapio, an international renowned expert in Nutrition, was appointed as Chief of Division.

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

**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: Universidada Complutense, Spain 1991  
Internship/residency and year: University of Florida – Jacksonville 2001  
Subspecialty training and year: University of Florida – Jacksonville 2004

**James Scolapio, M.D., Professor and Division Chief**  
Medical School / Graduation date: Marshall University School of Medicine 1991  
Internship/residency and year: Mayo Graduate School of Medicine – Jacksonville 1994  
Subspecialty training and year: Mayo Graduate School of Medicine – Jacksonville 2095
PUBLICATIONS


Abstracts:


Salyers WJ, Christman E, Butterfield RC, **Munoz JC**. Impact of argon plasma coagulation on three-month tumor recurrence rates following endoscopic mucosal resection of colorectal lateral spreading tumors. Poster presentation. AGA Clinical Congress, Las Vegas, NV. Jan 2011


Book Chapters and Monographs:


**CLINICAL ACTIVITIES**

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<td>Baptist Beaches Inpatient Procedures (IDX)</td>
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<td>St. Lukes Inpatient Procedures (IDX)</td>
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**GRANTS AND CONTRACTS**

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<tr>
<td>Ravi Kottoor, MD</td>
<td>A Randomized, Double-blind, Placebo-controlled, Parallel group, Dose ranging, Multicenter Study to Evaluate the Efficacy, Safety, and Tolerability of JNJ-27018966 in the Treatment of Patients with Irritable Bowel Syndrome with Diarrhea</td>
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<td>Ravi Kottoor, MD</td>
<td>A Phase III, Randomized, Placebo-Controlled, Blinded, Multicenter Study of the Induction and Maintenance of Clinical Response and Remission by Vedolizumab (MLN0002) in Patients with Moderate to Severe Crohn's Disease</td>
<td>6/26/2008 - 1/27/2012</td>
<td>Millennium Pharmaceuticals</td>
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<tr>
<td>Ravi Kottoor, MD</td>
<td>Prospective, Multicenter, Randomized, Double-Blind, Placebo-Controlled Trial Comparing REMICADE® (infliximab) and Placebo in the Prevention of Recurrence in Crohn's Disease Patients Undergoing Surgical Resection Who Are at an Increased Risk of Recurrence</td>
<td>10/6/2010 - 7/30/2014</td>
<td>Johnson &amp; Johnson Inc.</td>
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<td>Ravi Kottoor, MD</td>
<td>A randomized, double-blind, placebo-controlled, parallel group, multicenter study to investigate the safety and efficacy of CP-690,550 in subjects with moderate to severe Crohn's Disease</td>
<td>5/16/2008 - 3/10/2011</td>
<td>Pfizer Inc.</td>
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<td>Xiaoyu Li, MD, PhD</td>
<td>A Phase II, Randomized, Double-Blind, Placebo-Controlled Study To Evaluate The Safety And Efficacy Of Filibuvir Plus Pegylated Interferon Alfa-2A And Ribavirin In Treatment Naive, HCV Genotype 1 Infected Subjects</td>
<td>7/14/2009 - 7/15/2012</td>
<td>Pfizer Inc.</td>
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<td>Xiaoyu Li, MD, PhD</td>
<td>A Phase III, Safety &amp; Efficacy Study Of Boceprevir In Previous Untreated Subjects With Chronic Hepatitis C Genotype 1</td>
<td>8/1/2008 - 9/10/10</td>
<td>Schering Plough Research Institute</td>
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<td>Xiaoyu Li, MD, PhD</td>
<td>Boceprevir/Peginterferon/ Ribavirin for the Treatment of Chronic Hepatitis C in Treatment-Naive Subjects: A Comparison of Erythropoietin Versus Ribavirin Dose Reduction for the Management of Anemia</td>
<td>7/20/2009 - 1/13/2013</td>
<td>Schering Plough Research Institute</td>
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<td>Juan Munoz, MD</td>
<td>A multi-center, double-blind, randomized, active reference, parallel group study to evaluate the efficacy, safety and tolerability of a 10-day twice daily oral administration of 3 doses of ACT-179811 in subjects with Clostridium difficile infection</td>
<td>12/21/2010 - 11/23/2011</td>
<td>Actelion Pharmaceuticals</td>
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<td>Juan Munoz, MD</td>
<td>HALO: Patient Registry: Ablation of Barrett's Esophagus</td>
<td>4/15/2010 - 4/15/2013</td>
<td>BARRx Medical Inc.</td>
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<td>Juan Munoz, MD</td>
<td>COPD patients diagnosed with gastro esophageal reflux disease have decreased rates of COPD exacerbations after treatment with high dose Proton pump inhibitor therapy (esomeprazole or lansoprazole)</td>
<td>6/1/2008 - 6/6/2009</td>
<td>Takeda Pharmaceuticals</td>
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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 14 members, including the two chief medical residents. The full time faculty are certified by the American Board of Internal Medicine. The clinical care provided by members of the division include the provision of inpatient care as the attendings for the four inpatient teaching services, outpatient care at three locations: the Ambulatory Care Center at Shands Jacksonville, Faculty Clinic and the UF Internal Medicine Clinic at Emerson, an inpatient Internal Medicine consultation service and medical evaluation of patients admitted to the Psychiatry service. The division has continued with a busy outpatient practice as the physicians in the group have established themselves as excellent clinicians. One of the highlights of the outpatient practice is the JaxHATS (Jacksonville Health and Transition Services) Clinics held on Tuesday and Thursday mornings. Dr. Linda Edwards, in conjunction with Dr. David Wood, a general pediatrician, have established this clinic that provides a medical home for adolescents and young adults with special health care needs who are transitioning from their pediatricians to adult providers. The division has added a geriatrician to its staff. She serves as the medical director for Lakeside Nursing and Rehabilitation Center and has begun to grow her geriatric practice at the Faculty Clinic and our Emerson site.

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. Jeff House serves as Program Director for the Internal Medicine residency program. Dr. Palacio was appointed the Associate Program Director for the training program and is focusing his efforts in the ambulatory care arena. Dr. Alexandraki was appointed to serve as the Clerkship Director for medical students from Gainesville who rotate on the Internal Medicine service (inpatient and outpatient). Drs. Edwards, Alexandraki and Palacio served as key clinical faculty for the Core Training Program in Internal Medicine and are members of the Resident Education Committee.

Drs. Alexandraki, Masri and Sottile serve as peer reviewers for the University of Florida Health Science Center/Jacksonville faculty development program. Dr. Sottile also serves as a facilitator and is the co-developer of the “Teaching Residents to Teach”-a 6-8 hour intradepartmental seminar offered each year at the University of Florida Health Science Center/Jacksonville. This has now been expanded to include subspecialty residents as well. This past year, Dr. Sottile became a trained facilitator for the Patient Centered Caring Communication sessions that are being offered to all faculty and residents.

All members of the division participate in morning report and have presented at the noon conference core curriculum series held daily as well as the Friday afternoon ambulatory didactic sessions and Board review.

The division is also an integral part of the education program for 3rd and 4th year medical students from the University of Florida. Our faculty serve as preceptors for students in both the inpatient setting a well as in the outpatient practice. Student evaluations of their experience are excellent and are reflected in the number of exemplary teacher awards given to faculty within the division.

Quality: Dr. Jeff House coordinates monthly M&M/QA for the training program. He serves as the Chair of the Medical Performance Improvement Committee (MPIC) and reports to the Performance
Improvement Committee—the institutional body that oversees quality and safety for the Shands Jacksonville campus. The division continues to participate and exceed CMS expectations for PQRI documentation in diabetes care (measurement of A1c, LDL and BP). The division is working with the hospital quality team to review and assess our readmission rates and bounce backs as well as identify opportunities to continue to improve our patient satisfaction.

Research: Research in the division varies among the faculty. Many of the faculty have mentored residents in their research projects and have assisted them in submitting and being awarded grants from the Dean’s Fund for Research. The division continues to be productive as demonstrated by the publications list below.

Future Directions: The practice sites for the division have submitted the necessary paperwork for NCQA certification as a PCMH. This recognition will position the division to meet the needs of our patients and to adapt to the ever changing healthcare system. Growth in the outpatient setting is anticipated. We also plan to expand the nursing home network of our division to serve as a training ground for our residents and students as well as facilitate the care of our patients.

With the anticipated NCQA certification, our division will have the opportunity to develop performance improvement initiatives that will lead to improved patient care and scholarly activity. Faculty and resident involvement in these initiatives will be critical.

LISTING OF FACULTY MEMBERS

Irene Alexandraki, M.D., M.P.H., Assistant Professor
Medical School / Graduation date University of Athens, Greece 1989
Internship/residency and year Hahnemann University Hospital 1998
Subspecialty training and year Baylor College of Medicine (Infectious Disease) 2001
Post-graduate training and year University of North Florida (Masters in Public Health) 2009

Linda Edwards, M.D., Associate Professor, Associate Chairman and Division Chief
Medical School / Graduation date East Carolina University 1981
Internship/residency and year Jacksonville Health Education Programs 1985

Malcolm Foster, M.D., Professor
Medical School / Graduation date Bowman Gray School of Medicine 1963
Internship/residency and year University of Florida, Gainesville 1966
Subspecialty training and year University of Florida, Gainesville (Infectious Disease) 1967

Alan Halperin, M.D., Professor
Medical School / Graduation date University of Kansas 1971
Internship/residency and year University of Wisconsin 1974
<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
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<th>Internship/residency and year</th>
<th>Subspecialty training and year</th>
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<tbody>
<tr>
<td>Jeffrey House, D.O.</td>
<td>Assistant Professor</td>
<td>Nova Southeastern College of Osteopathic Medicine 1997</td>
<td>University of Florida – Jacksonville 2001</td>
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<tr>
<td>Hsaio-Yen Kuo, M.D.</td>
<td>Assistant Professor</td>
<td>Institute of Medicine II, Myanmar 1999</td>
<td>Wykoff Heights Medical Center 2007</td>
<td></td>
</tr>
<tr>
<td>Ghania Masri, M.D.</td>
<td>Assistant Professor</td>
<td>Damascus University, Syria 1989</td>
<td>Cleveland Clinic Foundation 1992</td>
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<tr>
<td>Carlos Palacio, M.D., M.P.H.</td>
<td>Associate Professor</td>
<td>University of Miami 1993</td>
<td>University of Florida, Jacksonville 1997</td>
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</tr>
<tr>
<td>James Phillips, M.D.</td>
<td>Assistant Professor</td>
<td>St. George’s University, West Indies 2001</td>
<td>University of Florida, Jacksonville 2005</td>
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<tr>
<td>Pramod Reddy, M.D.</td>
<td>Assistant Professor</td>
<td>Sri Dev Raj Urs Medical College, India 1992</td>
<td>Stony Brook University Hospital 2000</td>
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<tr>
<td>Manish Relan, M.D.</td>
<td>Assistant Professor</td>
<td>Armed Forces Medical College, India 1995</td>
<td>Brookdale University Hospital 2000</td>
<td></td>
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(continued)
Elisa Sottile, M.D., Assistant Professor
Medical School / Graduation date  Temple University School of Medicine  1993
Internship/residency and year  University of Pennsylvania  1997

PUBLICATIONS

Textbook Chapters:

Alexandraki I: “Internal Medicine Essentials for Clerkship Students 3”, chapter 53 titled “Community Acquired Pneumonia”, 3rd edition, ACP - Clerkship Directors in Internal Medicine, ACP Press, Philadelphia, PA (will be published in October 2011)

Alexandraki I: “Internal Medicine Essentials for Clerkship Students 3”, chapter 48 titled “Urinary Tract Infection” 3rd edition, ACP - Clerkship Directors in Internal Medicine, ACP Press, Philadelphia, PA (will be published in October 2011)

Alexandraki I, House, J, Palacio, C: "MKSAP for Students 5", writer of multiple choice questions for the “Urinary Tract Infection”, “Community Acquired Pneumonia”, COPD, and Hepatitis chapters; ACP-Clerkship Directors in Internal Medicine, ACP Press, Philadelphia, PA (will be published in October 2011)

Alexandraki I: USMLE Steps 2 CK and 3, writer of multiple choice questions in Biostatistics, Epidemiology, and Population Health (USMLE Item Harvest Project for Biostatistics/Epidemiology and Population Health), January 2011

Palacio, C: Contributing author “COPD” chapter of the textbook “Internal Medicine Essentials for Clerkship Students”, ACP- Clerkship Directors in Internal Medicine. 3rd edition in Press. 2011

Palacio, C: Contributing author “Hepatitis” chapter of the textbook “Internal Medicine Essentials for Clerkship Students”, ACP- Clerkship Directors in Internal Medicine. 3rd edition in Press. 2011

Monographs:


Palacio C. Rickets. BMJ Point of care Website. 2011
Palacio C. Rickets. BMJ Best Practice Website. (International product on bestpractice.com) 2011


Palacio C, Fauzia R. Blast Crisis. BMJ Point of Care (US product on epocrates.com) 2011

Palacio C, Fauzia R. Blast Crisis. BMJ Best Practice (International product on bestpractice.com) 2011

Phillips J, Masri, G: Evaluation of Hypernatremia [Internet], eds. BMJ Journal Point of Care, August 2010

Journals:


Khan M, R. Zaiden R, Pham D, House J. An Unusual Case of Thrombocytopenia. The Internet Journal of Family Practice. 2010 Volume 9 Number 1


Palacio C, Alexandraki I, Bertholf R, Mooradian AD. Transient Dyslipidemia Mimicking the Plasma Lipid Profile of Tangier Disease in a Diabetic Patient with Gram Negative Sepsis. Annals of Clinical & Laboratory Science. 2011 April vol.41(2)


Reddy P. Clinical approach to adrenal insufficiency in hospitalized patients. Int J of Clin Pract. (Accepted for publication May 2011)

Abstracts/Posters:


HONORS AND AWARDS
Irene Alexandraki, M.D. University of Florida Exemplary Teacher Award 2011
Linda Edwards, M.D. Past President, Faculty Council HSC/Jacksonville
Malcolm Foster, M.D. President, Duval County Medical Society
Board of Directors, ACP Foundation, Vice-Chairman
University of Florida Exemplary Teacher Award 2011
Alan Halperin, M.D. Chair, Institutional Review Board, UF & SJMC
Jeff House, D.O. University of Florida Exemplary Teacher Award 2011
Pramod Reddy, M.D. University of Florida Exemplary Teacher Award 2011
Manish Relan, M.D. University of Florida Exemplary Teacher Award 2011

CLINICAL ACTIVITIES

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SJ - Shands Jacksonville
DIVISION OF HEMATOLOGY & MEDICAL ONCOLOGY
ACADEMIC YEAR 2011 (7/10 – 6/11)

Highlights

The Division of Oncology continued 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. The Oncology Department hosted a half-day continuing medical education program on Non Small Cell Lung Cancer. The program provided an in dept look at the latest development of Non Small Cell Lung Cancer management including the emerging use of biomarkers to individualize treatment, reduce toxicity, improve response and informal case discussion. Dr. Latif provides community service at the We Care Free Clinic. This service located at the Islamic Center in Jacksonville, FL to poor and uninsured patients. Dr. Rana in collaboration with Mayo Clinic hosted a free public forum dedicated to research. Education was provided to the community regarding clinical trial participation. Dr. Rana served on the expert panel and coordinator at the forum.

Each member of the division has a strong role in division activities. Dr. Rana is Division Chief of Hematology/Oncology and Director of the Sickle Cell Program. Dr. Rana continues to provide care and leadership in establishing the sickle cell program. Dr. Rana also serves as an important component in the Multidisciplinary Breast Program. Dr. Pham is Fellowship Program Director and continues to work closely with the education of the fellows and continues his efforts in the Thoracic Oncology Program. He also works with the Proton Therapy Institute in collaboration of patient care. Dr. Robert Zaiden is responsible for developing Multispecialty GI Cancer Program. Dr. Zaiden, Rana and Pham are all involved in the teaching the residents and fellows. We have been successful in hiring Dr. Naeem Latif as Assistant Professor of Medicine in September, 2010 who has been a champion in establishing the Head and Neck Multidisciplinary program with ENT and Radiation Oncology.

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. This year we have already seen a 10% increase in Analytic cases data received from Tumor Registry. In July of 2010 Dr. Zaiden expanded his outpatient clinic to the Emerson location. Dr. Rana continues to provide patient care in the multidisciplinary clinic at Emerson.

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 2011 and 2012. Our Fellowship Program has been granted accreditation for five years.

Research: The Division of Hematology/Oncology is currently conducting 6 clinical trials. We are planning to start about 4 new trials in near future. We have established collaboration with Mayo Clinic-Jacksonville, Florida and will be conducting Cooperative Group clinical trials, besides retrospective and prospective studies. Our PAL-2: A pilot study of the Palliative ARNP (Advanced Registered Nurse Practitioner) Liaison Program (The PAL Program) intended to improve patients' quality of life through targeted FACT-G driven palliative interventions study has now ended with much success. Our site has been selected to host the SoCRA (Society of Clinical Research Professionals) certification exam. This
certification is an internationally accepted standard of knowledge, education and experience for which clinical research professionals are recognized.

### 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><strong>Fauzia Rana, MD</strong></td>
<td>Assistant Professor and Division Chief</td>
<td>Fatima Jinnah Medical College</td>
<td>University of Rochester New York</td>
<td>Dana Farber Deaconess Hospital/Harvard</td>
<td>1982</td>
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<tr>
<td><strong>Naem Latif, MD</strong></td>
<td>Assistant Professor</td>
<td>Ayub Medical College, Abbottabad, Pakistan</td>
<td>University of Pittsburgh Pennsylvania</td>
<td>University of Florida Jacksonville</td>
<td>1993</td>
</tr>
<tr>
<td><strong>Dat Pham, MD</strong></td>
<td>Assistant Professor and Fellowship Program Director</td>
<td>University of Florida Jacksonville</td>
<td>University of Florida Jacksonville</td>
<td>University of Florida Jacksonville</td>
<td>1997</td>
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<tr>
<td><strong>Robert Zaiden, MD</strong></td>
<td>Assistant Professor</td>
<td>University of St. Matthews</td>
<td>University of Florida Jacksonville</td>
<td>University of Florida Jacksonville</td>
<td>2003</td>
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### PUBLICATIONS


Louise Zhou, MD, Taren Ohman, MD, and Robert Zaiden, Jr., MD, Department of Medicine, University of Florida College of Medicine, Jacksonville, FL, *Rare case of renal cell carcinoma presenting as a cutaneous horn*, Community Oncology, Volume 8/Number 5, May 2011, 1-3

Ramandeep Bambrah, MD, Fauzia Rana, MD, *Hydroxyurea- induced palmar-plantar erythrodysthesia in adult sickle cell disease*, Volume 8/Number 5 Community Oncology, May 2011, 237-238


Naeem Latif, MD, Robert Zaiden, MD, Dat Pham, MD and Fauzia Rana, MD, *Soft Tissue Sarcoma Mimicking Eosinophilic Leukemia*, Clinical Advances in Hematology & Oncology, Volume 8, Issue 12, December 2010, 899-903
Naeem Latif, MD, Marilin Rosa, MD, Laila Samian, MD and Fauzia Rana, MD, *An Unusual Case of Primary Small Cell Neuroendocrine Carcinoma of the Breast*, The Breast Journal, Volume 16 Number 6, November/December 2010, 647-651

Hasan Riaz, MD, Naeem Latif, MD and Fauzia Rana, MD, *Autoimmune hemolytic anemia and Hodgkin’s lymphoma*, Community Oncology, Volume 7/Number 11, November 2010, 505-508

M. Khan, R. Zaiden, D. Pham, & J. House: *An Unusual Case of Thrombocytopenia*. The Internet Journal of Family Practice, 2010 Volume 9 Number 1


**Abstracts:**


**Naeem Latif, MD**, *An unusual case of renal cell cancer with ocular metastasis*, University of Florida Research Day, Jacksonville, FL, May 2011


Hasan Riaz, MD, Internal Medicine, Fauzia Rana, MD, Medical Oncology, Naeem Latif, MD, Medical Oncology, University of Florida College of Medicine, *The use of Herceptin as a Neo-Adjuvant in HER-2 Positive Breast Cancer*, submitted to Community Oncology, March 2011

N. Latif, F. Rana, University of Florida, Jacksonville, FL; University of Florida, Jacksonville, FL, *Efficacy of neoadjuvant cisplatin and oral capecitabine in locally advanced triple-negative breast cancer*, ASCO, Abstract No: e11512, Citation: J Clin Oncolo 29:2011 (suppl;abstr e11512)

M. A. Khan; F. Rana, University of Florida College of Medicine, Jacksonville, FL, Association between breast cancer receptors status with body mass index and ethnicity, ASCO 2010 Breast Cancer Symposium Abstract No: 189, 2010

N. Latif, F. Rana; University of Florida College of Medicine, Jacksonville, FL; University of Florida Jacksonville, *Racial disparity and breast cancer in an inner-city academic institution*, Abstract No: e12046, Citation: J Clin Oncolo 28, 2010

**Presentations:**

Fauzia Rana, MD., *Sickle Cell Disease*, Internal Medicine Update, Ponte Vedra Beach, FL, April 2011
Fauzia Rana, MD, *Indications for PET/CT*, Nuclear Medicine, University of Punjab, Lahore, Pakistan, April 2011

Fauzia Rana, MD., *MDS Updates in Myelodysplastic Syndrome*, Shaukat Khanum Memorial Cancer Hospital, Pakistan, April 2011


Dat C. Pham, MD., *Lung Cancer Update*, Baptist Medical Center, Jacksonville, FL, December 2010

Fauzia Rana, MD., *Adjuvant therapy in Breast Cancer Myeloproliferative Neoplasm’s*, 9th Shaukat Khanum Memorial Cancer Symposium, November 2010

**HONORS AND AWARDS**

Fauzia Rana, M.D.        University of Florida Exemplary Teacher Award 2011
Robert Zaiden, M.D.        University of Florida Exemplary Teacher Award 2011

**CLINICAL ACTIVITIES**

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**CONTRACTS AND GRANTS**

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<td>Fauzia Rana</td>
<td>Johnson &amp; Johnson</td>
<td>A RANOMIZED, DOUBLE- BLIND, PLACEBO-CONTROLLED, MULTICENTER STUDY EVALUATING EPOETIN ALFALPHA IN INITIATED AT 40,000 IU</td>
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<td>$2,625.00</td>
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<td>Fauzia Rana</td>
<td>Incyte Corporation</td>
<td>A RDMOD. DLBD-BIND, PLACEBO CONTROLLED STUDY OF THE JAK INHIBITOR INCBO18424 TABLE ADMIN ORALLY TO SUBJECTS WITH PRIMARY MYEOFIRESIS</td>
<td>05/27/2009 - 07/09/2012</td>
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<tr>
<td>Fauzia Rana</td>
<td>Millennium Pharmaceutical</td>
<td>A TWO ARM NON RANOMIZED MULTICENTER PHASE 2 STUDY OF VELCADE (BORTEZOMIB) IN COMBINATION WITH RITUXIMAB, CYCLOPHOSPHAMIDE, AND CHENOSINE WITH OR WITHOUT DOXORUBICIN FOLLOWED BY RITUXIMAB MAINTENANCE IN PATIENTS WITH RELAPSING ROLICAL Lymphoma</td>
<td>05/14/2008 - 04/08/2012</td>
<td>$6,785.75</td>
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<tr>
<td>Fauzia Rana</td>
<td>Millennium Pharmaceutical</td>
<td>RANDOMIZED PHASE 3B STUDY OF THREE TREATMENT REGIMENS IN SUBJECTS WITH PREVIOUSLY UNTREATED MULTIPLE MYELOMA ARE NOT CONSIDERED CANDIDATES FOR HIGH-DOSE CHEMOTHERAPY AND AUTOLOGOUS STEM CELL TRANSPLANTATION</td>
<td>11/02/2010 - 05/01/2011</td>
<td>$11,050.94</td>
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<td>Mohammad Khan</td>
<td>Bristol Myer Squibb</td>
<td>ASSOCIATION BETWEEN BREAST CANCER RECEPTORS STATUS WITH BODY MASS INDEX AND ETHNICITY</td>
<td>03/30/2009 - 05/14/2011</td>
<td>$4,500.00</td>
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<tr>
<td>Dat Pham</td>
<td>Eli Lilly and Company</td>
<td>NON-CELLULAR LUNG CANCER: THE IMPACT OF ETHNIC ORIGIN ON PATIENTS BEING TREATED SECOND LINE WITH PEMERED AN OBSERVATIONAL STUDY</td>
<td>05/05/2009 - 05/30/2011</td>
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<td>Dat Pham</td>
<td>GlaxoSmithKline Biologics, S.A. (GSK)</td>
<td>A double-blind, randomized, placebo-controlled Phase III study to assess the efficacy of recMAGE-A3 + AS15 Antigen-Specific Cancer Immunotherapeutic as adjuvant therapy in patients with resectable MAGE-A3-positive Non-Small Cell Lung Cancer</td>
<td>04/23/2007</td>
<td>08/05/2016</td>
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<tr>
<td>Fauzia Rana</td>
<td>Incyte Corporation</td>
<td>A Phase I/II study to assess the safety and therapeutic effect of INCB007839 in combination with trastuzumab and vinorelbine in patients with metastatic HER2+ breast cancer</td>
<td>03/03/2011</td>
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<td>Fauzia Rana</td>
<td>Mayo</td>
<td>A pilot study of the Palliative ARNP (Advanced Registered Nurse Practitioner) Liaison Program (The PAL Program) intended to improve patients’ quality of life through targeted FACT-G driven palliative interventions</td>
<td>03/15/2010</td>
<td>06/29/2011</td>
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</table>
Highlights

The Division of Infectious Diseases continued its clinical and academic missions during this past year. The division is comprised of 3 University based infectious diseases consultants, all of whom are dually boarded in internal medicine and infectious diseases; 1 Nurse research coordinator and 1 travel medicine nurse. An additional 8 community based infectious diseases physicians and 3 doctoral level microbiologists are actively involved in various aspects of the fellowship training program.

The division provides inpatient clinical consultation in infectious diseases at the Shands Hospital/Jacksonville, Hospital Infection Control direction of Shands Hospital, 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 students in inpatient and outpatient infectious diseases. The Division has a contract with the Duval County Health Department (DCHD) to provide consultation and clinical care to the counties’ HIV/AIDS, TB and STD patients in DCHD specialty clinics.

Each member of the division has a strong administrative role in division activities. Dr. Sands is the university ID Division Chief and ID Division Fellowship Program Director. Dr. Guzman is the Chair of Hospital Infection Control for Shands Hospital, the Division Research Director and ID fellowship Associate Program Director. Dr. Bailey is the Associate Program Director for the University core Internal Medicine Residency.

Patient care:

University ID Division inpatient and hospital based activity: The division provides full time inpatient infectious diseases consultation throughout the Shands/Jacksonville Hospital system. During the 2010-2011 academic year, the division performed over 600 inpatient infectious diseases consultations with subsequent follow-up at Shands Hospital.

Outpatient services: The division offers outpatient ID consultation by referral at the Emerson and ACC clinics. During the 10-11 academic year there were over 700 outpatient ID consultative visits, representing a 200% increase in outpatient consultation volume.

Travel medicine services are provided three times per week for overseas travelers at the Faculty Clinic. Over 500 travel patients were seen during the academic year.

Under contract with the DCHD, the division provided professional oversight and care for the HIV/AIDS, TB and STD patients seen at the DCHD specialty clinics. During the 10-11 academic year, ID division physicians delivered or over-sighted the care for over 1,600 HIV/AIDS patients, 5500 STD visits and over 1700 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 lecture at the Internal Medicine Annual Update.

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 past academic year and has been re-accredited on a 5 year cycle. The fellowship
training is unique in offering 2 months of clinical microbiology, dedicated research time, 2 months of training in solid organ transplantation ID at the Mayo Clinic, 1 month training in Pediatric Infectious Diseases at Wolfson Children’s Hospital and 1 month as a junior ID faculty consultant in the Shands MICU, in addition to 15 months experience as the consultant and teaching fellow on the general ID in-patient consult service at Shands.

Our 08-10 year’s Infectious Diseases fellow passed her Infectious Diseases boards and is in a full time infectious diseases practice in the San Francisco bay area. She further distinguished herself by publication of 2 ID monographs, a journal article, selection for oral presentation of an ID case at the Infectious Diseases Society of America’s (IDSA) annual national/international meeting, presentation of a UF Grand Rounds, selection for a specialty training fellowship month in non-tuberculous mycobacteria at Denver Jewish Hospital and scoring in the 90th percentile on the national ID in-service training examination.

Resident Training: Faculty provided noon ID 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 presented the HIV/AIDS core content conference for UF medical students by teleconference with UF Gainesville. Medical student rotate on the infectious diseases consultative service.

ID Division Conference Schedule: The division maintained a full conferencing schedule with ongoing meetings Monday and Thursday noon. Conference topics included: regularly scheduled case 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 conferences.

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 rotated on the UF ID inpatient consultative service and in the HIV outpatient clinics.

Research: Dr. Sands is the Principal Investigator on 2 NIH sponsored research grants through the INSITE network; an observational study of pandemic influenza H1N1 complications and the START study (Strategic timing of anti-retroviral therapy study) to define the appropriate time to initiate antiviral therapy for HIV infected patients.

Scholarly activity this past academic year has included: 2 abstracts presented at UF Research Day, 8 published ID monographs and 13 journal articles published in peer reviewed journals.

LISTING OF FACULTY MEMBERS

Current Division Faculty

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

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

Community Teaching Faculty:

Mayo Clinic – Transplantation ID
Michael Keating, MD
Walter Hellinger, MD
Julio Mendez, MD
Salvatore Alvarez, MD
Lisa Brumbacker, MD

Wolfson Childrens’ Hospital – Pediatric ID
Ana Alvarez, MD

Duval County Health Department – Communicable Diseases Clinics
Levonne Mitchell-Samon, MD
Wilfredo Sanchez, MDD
Jeffrey Lauer, MD

Microbiology Laboratories
Yvette McCarter, PhD
Diane Halstead, PhD
Dean Willis, DrPubHealth

PUBLICATIONS

Monographs:
Infectious Diseases

Division Chief: Michael Sands, MD

Infectious Diseases Division Chief: Michael Sands, MD

Annual Report AY 2011

Journal Publications:


Duprez DA, Neuhaus J, Tracy R, Kuller LH, Deeks SG, Orkin C, Stoehr A, Woolley IJ, Neaton JD for the INSIGHT SMART group including Sands M. N-terminal-proB-type natriuretic peptide predicts cardiovascular disease events in HIV infected patients. AIDS2011;25:


### CLINICAL ACTIVITIES

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### GRANTS AND CONTRACTS

<table>
<thead>
<tr>
<th>Principal Investigator</th>
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<tr>
<td>Sands</td>
<td>An International Observational Study to Characterize Adults Who are Hospitalized with Complications of Influenza A - Pandemic H1N1 A Multicenter NIH sponsored Study of the International Network for Strategic Initiatives in Global HIV Trials (INSIGHT) (FLU 003 Study)</td>
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<tr>
<td>Sands</td>
<td>START – Strategic timing of antiretroviral therapy – A multi national study. NIH – INSITE network</td>
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<tr>
<td>Guzman</td>
<td>An international, multicenter prospective observational study of the safety of Maraviroc used with optimized background therapy in treatment experienced HIV-1 infected patients</td>
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DIVISION OF NEPHROLOGY AND HYPERTENSION
ACADEMIC YEAR 2011 (7/10-6/2011)

Highlights

In the 2010-2011 academic year, the division of Nephrology and Hypertension continued to make headway in meeting the goals of the academic mission. In patient care, the offsite dialysis venture with DCI at the Gateway Unit has continued to expand the hemodialysis patient population and peritoneal dialysis services more recently began at that site. In education, the Nephrology fellowship continued to thrive, and Dr. Leighton James initiated and conducted the fellows’ Renal Physiology Course. The joint renal pathology conference with Mayo Clinic Jacksonville continued as a successful and important piece of the educational program. In addition, our annual Update in Nephrology & Hypertension CME symposium was once again a success, with grant support from Dialysis Clinics Inc. In research, Dr. Leighton James moved his diabetes research laboratory from the University of Texas-Southwestern to the University of Florida College of Medicine in Jacksonville. Dr. Ashwani Gupta with a clinical research interest in dialysis, moved here from Henry Ford Hospital. The laboratories of Dr. Charles Heilig & Dr. Minghui Xiang continued with funded basic research studies into the pathogenesis of diabetes and hypertension. Dr. Heilig was an invited speaker at the International Diabetes and Metabolism Conference, Santa Clara California, Dr. Xiang gave invited lectures at the Society for Experimental Biology in Glasgow, University of North Florida and the University of Florida in Gainesville, while Dr.’s Thomas Nguyen and Suzanne Brulte gave oral presentations on their AFMR Abstracts which each won Young Investigator Awards. The Division presented research abstracts at the American Society of Nephrology, World Congress of Nephrology, American Federation for Medical Research, National Kidney Foundation, International Diabetes & Metabolism Conference, and the UFCOM-J Research Day symposium.

Patient care: The Division of Nephrology provides physician services and the Medical Director for two outpatient dialysis units, and provides services to the Shands Jacksonville inpatient acute hemodialysis unit. The newer Gateway Dialysis Unit in Jacksonville continues to grow and has added peritoneal dialysis services at that site, in addition to the existing 24-chair hemodialysis unit. The total dialysis population cared for by University of Florida Nephrologists has reached a population of > 270 patients. Dr. Leighton James and Dr. Ashwani Gupta recruited in the Summer of 2010 have made substantial contributions to the Nephrology clinical effort, and this allowed for expansion of clinical services to the Emerson Clinical Facility. The Nephrology Clinics at the Shands Jacksonville campus include the Nephrology Faculty Clinics, the Anemia Clinic, the Chronic Transplant Clinic, the Fellows’ Continuity Clinic, the Correctional Facility Clinic, and an associated Vascular Access/Teaching Clinic now located in the Dept. of Surgery. The inpatient Nephrology Consult Service continued with a high level of activity and a daily census of approximately 35-50 patients. This service continues to provide an important educational platform for fellows and medical residents. Dr. Ashwani Gupta was appointed as the new Medical Director of Dialysis Services, and began work on a number of improvements in these services. The Nephrology Division also continues to work with the Surgery Department to optimize placement of permanent vascular access for patients preparing for hemodialysis, and improvements are being made toward goals of the Fistula First Program. The renal transplant program at Shands Jacksonville came to an end in 2011 and Dr. Sakhamuri departed at the end of the academic year to private practice. However, the Chronic Renal Transplant Clinic and hospital services for chronic renal transplant patients continue, with physician services provided by the Division of Nephrology. Recruitment of additional faculty to the Division continues.

Education: Dr. Leighton James arrived in the Summer of 2010 as an Associate Professor of Medicine, and initiated the fellows’ Renal Physiology Course which has been an important addition to the educational experience. He was also appointed to the position of Assistant Program Director in 2011. The joint Renal Pathology conference with Mayo Jacksonville which is teleconferenced with Mayo
Rochester, has continued to be an important educational component for the Nephrology Fellowship program. The *Update in Nephrology & Hypertension* CME Symposium provided by the Division of Nephrology was well attended and well received. This is an important educational venue for fellows and faculty alike. The Division plans another course in 2012. Visiting Professors Dr. Bruce Biagi, Dr. Stan Nahman and Dr. Jeff Sands provided special lectures in renal physiology, molecular biology and hypertension during the academic year, which complemented the fellows’ educational program. The Nephrology Faculty continue to participate in educational programs for the Medicine residents, including the Night Float Rotation, Medicine Residents’ Noon Conference and the Nephrology Consult Rotation. Outside the institution, invited lectures on models for renal disease and hypertension were provided by Dr. Heilig and Dr. Xiang. The Mayo Renal Transplant Rotation for UF - Jacksonville Nephrology Fellows continued successfully and complements the Nephrology training program at UF & Shands Jacksonville. Finally, two senior fellows attended the Peritoneal Dialysis University course in the last year, strengthening their education in this increasingly important field of nephrology.

**Research:** The topics of research studies in the Division of Nephrology spanned from transplant immunosuppression protocols and anemia management in hemodialysis patients, to glucose transporter & growth factor roles in diabetic renal disease and renal transplant rejection, and sodium/hydrogen antiporter roles in hypertension. An important accomplishment this last year was the move of Dr. Leighton James’ diabetes research laboratory from UT Southwestern to UFCOM-J where he studies the roles of growth factors in diabetic nephropathy and mechanisms in the pathogenesis of hypertension. Dr. Ashwani Gupta arrived in the Nephrology Division in 2010 from Henry Ford Hospital and will conduct research on the anemia of dialysis patients. He obtained initial funding from a University of Florida Dean’s Grant this past year, which will allow him to initiate his studies. This new initiative will provide a boost to the clinical research effort. Dr. Heilig’s laboratory focuses on glucose transporter regulation of glomerulosclerosis, and more recently on a potential role for Mechano-Growth Factor (MGF) in diabetic kidney disease. This laboratory continues to be funded by DCI, Inc. Dr. Minghui Xiang obtained new funding for his work on Na⁺/H⁺ antiporters and hypertension, with a Scientist Development Grant from the American Heart Association. The Nephrology fellows participate in clinical research studies and in the basic science laboratory as part of their research training. Two senior fellows attended the American Society of Nephrology meeting, while the first year fellows attended the National Kidney Foundation Spring meetings and two senior fellows presented their research at the AFMR Nephrology Fellows Research Platform at the Southern AFMR meeting. The latter two fellows won Young Investigator Awards for their work. The Nephrology Division produced three publications in prestigious research journals, and nine abstracts.

**SPECIAL INITIATIVES:**

**Nephrology & Hypertension Yearly Update, Jacksonville, FL.** This year’s meeting organized by the UF-Jacksonville Division of Nephrology was held at the Hyatt Regency Hotel in Jacksonville with strong attendance from local healthcare professionals, and was well received. This yearly meeting provides education and CME credits for doctors, nurses and others involved in the care of patients with renal disease.

**Nephrology Fellows’ QI Project in Dialysis:** Dr. Ashwani Gupta has taken over this important activity which helps to fulfill the ACGME – required competencies.

**Simulation Laboratory Experience:** The Nephrology fellows received Patient Safety Training in the Simulation Laboratory, and future plans include experiences in intravascular line placement and renal biopsies.
Faculty Recruitment: Two new faculty members arrived in the Summer of 2010: Dr. Ashwani Gupta from Henry Ford Hospital in Detroit, now an Assistant Professor, and Dr. Leighton James from the University of Texas-Southwestern in Dallas, now an Associate Professor. Dr. Gupta will develop a clinical research program. Dr. James continues to pursue his basic science studies into the pathogenesis of diabetic kidney disease and hypertension in the Nephrology Laboratories here. Dr. Sakhamuri departed in 2011, and additional faculty will be recruited to the Division.

LISTING OF FACULTY MEMBERS

Haritha Sakhamuri, M.D., Assistant Professor
Medical School / Graduation date: Tamilnadu M.G.R. Medical University, India 2002
Internship/residency and year: University of Florida COM Jacksonville 2007
Subspeciality training and year: University of Florida COM Jacksonville 2009

Charles Heilig, MD, Professor, Division Chief & Program Director
Medical School / Graduation date: University of Minnesota 1984
Internship/residency and year: Mayo Clinic Rochester 1987
Subspeciality training and year: Brigham and Women’s Hospital, Harvard Medical School 1990

Ronald Mars, MD, Associate Professor
Medical School / Graduation date: St Louis University 1972
Internship/residency and year: Emory University 1976
Subspeciality training and year: Emory University 1978

Leighton James, MD, Associate Professor & Assistant Program Director
Medical School / Graduation date: University of Toronto 1994
Internship/residency and year: University of Toronto 1997
Subspeciality training and year: University of Toronto 1999

Ashwani Gupta, M.D. Assistant Professor & Medical Director of Dialysis
Medical School / Graduation date: All India Institute of Medical Sciences 2003
Internship/residency and year: Michigan State University 2008
Subspeciality training and year: Henry Ford Hospital 2010

Minghui Xiang, Ph.D., Research Assistant Professor
Graduate School/Graduation date: Arizona State University 2001
Postdoctoral training and year: Johns Hopkins University 2009

PUBLICATIONS


**HONORS AND AWARDS**

- Suzanne Brulte, M.D. Young Investigator Award, Southern AFMR. 2011
- Thomas Nguyen, M.D. Young Investigator Award, Southern AFMR 2011
- Charles Heilig Invited Speaker: Int’l Diabetes & Metab. Conf., CA. 2010
- Minghui Xiang, Ph.D. American Heart Association, Scientist Development Grant 2010

**CLINICAL ACTIVITIES (counts)**

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<tr>
<th>Inpatient activity</th>
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<td>Acute dialysis runs</td>
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<td>Outpatient dialysis visits</td>
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**GRANTS AND CONTRACTS**

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<tr>
<td>Heilig, C</td>
<td>Dialysis Clinics Inc / Mechanisms of GLUT 1-induced Glomerulosclerosis (projects C-2957 and C-3000)</td>
<td>10/08 – 8/12</td>
<td>$436,733</td>
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<td>Heilig, C</td>
<td>Dialysis Clinics Inc / Update in Nephrology &amp; Hypertension - 2011</td>
<td>3/11</td>
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<td>Gupta, A</td>
<td>UF Dean’s Grant / Hemodynamics of Ultrafiltration during Hemodialysis.</td>
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<td>Xiang, M.</td>
<td>AHA / Role of Novel Na⁺/H⁺ Antiporters in Essential Hypertension</td>
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DIVISION OF PULMONARY, CRITICAL CARE AND SLEEP MEDICINE
ACADEMIC YEAR 2011 (7/10 - 6/11)

Highlights

The Division of Pulmonary, Critical Care and Sleep Medicine has had continued growth with addition of 2 new faculty members (Dr. Lisa Jones and Dr. Faisal Usman) and continues with full complement of six fellows in training. The fellowship was granted a 5 year accreditation without any citations. The fellowship training program continues to be popular with over 300 applications for the two available positions per year. The first two fellows Graduated in June 2011. Clinically we have expanded to initiate cardiopulmonary exercise testing and medical thoracoscopy, adding it to the list of vast services provided by our division. Academically the division continues to productive in the areas of clinical and original research and publications. The fellows under the mentorship of faculty are engaged in a number of clinical studies. The division has had a number abstracts presented in national and international conferences and was represented in various regional meeting in the form of providing educational lectures.

Patient care: The division faculty staffs a number of specialized clinics. The Asthma Clinic under the supervision of Dr. Cury is part of the American Lung Association Asthma Clinical Research Network. The Network has only 18 sites in the country and in collaboration with Nemours Clinic continues to be involved in state of the art clinical research. Through this clinic Dr Cury is now involved in a number of clinical trials in the arena of Asthma treatment.

Pulmonary Hypertension and Interstitial Lung Disease Clinic continues to be a regionally known referral center with patients being referred from regions all over the east coast. As member of Pulmonary Hypertension Association it continues to be a center of excellence. The clinic currently manages approximately 150 pulmonary hypertension patients. With the addition of Dr Shujaat we have expanded the clinic to now 1.5 days per week. We recently added a new simplified cardiopulmonary assessment tool in the clinic for this population allowing us to monitor their disease state a lot more closely.

The fellow’s continuity clinic is staffed by at least 5 fellows once a week and supervised by faculty. The number of pulmonary function tests performed has also accordingly increased.

Thoracic Oncology Clinic continues its multidisciplinary approach to patients with Thoracic malignancy. The initiation of medical thoracoscopy under supervision of Dr. Shujaat has added another diagnostic and therapeutic intervention to our armamentarium in managing these complex patients. Interventional bronchoscopy service offers numerous therapeutic options to patients with malignant and non malignant airway diseases. The bronchoscopy suite has been in evolution to optimize patient throughput and to consolidate the services in one location.

In critical care, the division continues to offer management for critically ill, non-trauma neurological cases on a regular basis. The division is involved in the multidisciplinary critical care committee which meets monthly and focuses on quality improvement and streamlining the care of critically ill. The critical care team provides services to neurosurgery, cardiology and neurology patients. The infection rates in the medical intensive care unit continue to be below the National Healthcare Safety Network (NHSN) benchmarks for months. The medical intensive care unit had new patient monitors installed and now has a dedicated ultrasound for various diagnostic and therapeutic procedures.

The division has initiated a sleep medicine presence at Emerson clinic location with Dr. Bajwa. In addition to sleep medicine there are now additional faculty attending Pulmonary Medicine clinics at the same location. This presence will also provide an avenue for expansion of Sleep Medicine and Pulmonary Services. The inpatient pulmonary consult service continues to be busy and with the evolution of the
bronchoscopy suite, the number, efficiency and timeliness of bronchoscopic procedures offered by the division will be enhanced.

There are plans to start a dedicated Interstitial Lung Disease and Sarcoidosis clinic to streamline patient care and research in this field.

**Education:** The division continues to play an active role in educational core lecture series including Grand Rounds and Updates in Internal Medicine 2011. The division faculty also has an active role in the educational lectures for a variety of residency programs including emergency medicine, obstetrics, internal medicine and trauma critical care. Dr. Cury was honored with teacher of the year award. Dr Cury, Dr Shujaat and Dr Bajwa were awarded the University of Florida Exemplary Teacher Award this year. The pulmonary and critical care fellowship program, under the direction of Dr Cury as program director, was given a 5 year cycle of accreditation without any citations. Dr. Shujaat now is the Assistant Program Director and along with Dr. Cury is responsible for coordinating the educational activities for the fellowship. The fellows are regularly mentored by a faculty member in preparation and presentation of lectures.

The division was involved in various regional meetings with faculty representing the University of Florida/Jacksonville by providing educational lectures in various topics of interest.

The faculty has and continues to mentor and supervise family medicine residents from the Navy residency program during their rotation in medical intensive care unit and have always received a very positive feedback from the leadership of that program. In addition, we have been active in training nurse practitioners and physician assistants not only from the university of Florida sponsored training programs but also for the nurse practitioners preparing to be a part of the neuro-critical care program.

**Research:** The Pulmonary Hypertension and Interstitial Lung Disease program under Dr. Bajwa has attracted a number of industry sponsored international trials which are actively recruiting patients. The Division hired Levi Loft as a dedicated clinical research coordinator. Patient recruitment is ongoing for the study funded by the Dean and Esther King Foundation Biomedical research Grant for evaluation of the relationship between right ventricular myocardial mechanics and pulmonary artery vessel and flow dynamics in pulmonary artery hypertension by MRI.

Dr Bajwa was also awarded a grant by United Therapeutics for an investigator initiated study studying the impact of inhaled treprostinil on ventilation-perfusion matching in patients with Pulmonary Hypertension and concomitant COPD. The University of Florida-Jacksonville is the primary site for this study and will be sponsoring Mayo Clinic and Cleveland Clinic as additional sites.

A number of fellows have and will be presenting abstracts in the past and upcoming international society meeting. The faculty has a number of publications in peer review journals and a number of manuscripts in preparation. Close collaboration with other departments with common research interests is the key to future protocols and publications.

The focus of the division is to enhance collaboration with other departments and regional centers and continue to strive for excellence in this arena.
LISTING OF FACULTY MEMBERS

Abubakr Bajwa, M.D., Assistant Professor and Division Chief
Medical School / Graduation date: King Edward Medical College, 1998
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
Medical School / Graduation date: University of Miami, 1981
Internship/residency and year: Barnes Hospital/Washington, 1984
Subspecialty training and year: Washington University, 1987

Adil Shujaat, M.D., Assistant Professor
Medical School / Graduation date: King Edward Medical College, 1998
Internship/residency and year: St. Luke's Roosevelt Hospital Center, 2003
Subspecialty training and year: Mayo Graduate School of Medicine, 2007

PUBLICATIONS


Rascon-Aguilar IE, Pamer M, Cury JD, Vega KJ. Poorly Treated or Unrecognized GERD Reduces Quality of Life in Patients with COPD. Epub ahead of print. Jan 8, 2011 Dig Dis Sci.

Usman F, Shujaat A, Cury JD, Bajwa AA. Echocardiographic findings and its impact on outcomes of critically ill patients with AIDS in the era of HAART. Manuscript accepted, Critical Care and Resuscitation 2011.


Usman F, Cury JD, Shujaat A, Bajwa AA. A retro-sternal abscess after trigger point injections in a pregnant woman: a case report. Accepted. Journal of Medical Case Reports 2011.


Shah A, Bajwa AA, Khan A. Mounier-Kuhn syndrome masquerading as obstructive lung disease. In press Respiratory
Abstracts and Presentations:
The prevalence of crack cocaine use in intracranial hemorrhages. **Samuel V, Cury JD, Shujaat A, Bajwa AA.** Accepted-American College of Chest Physicians, Honolulu, HI, 2011


**Pulido JD, Usman F, Cury JD, Bajwa AA, Koch K, Laos L.** Modification of percutaneous tracheostomy by direct visualisation of endotracheal tube positioning with Glidescope prior to performing procedure. Chest 2009 136: 1S


A complex case of pleural effusion. **Qureshi TA.** Presented at ALA Pulmonary Wintercourse meeting in Orlando, FL, 2011.


Internal Medicine Updates, "Obstructive Sleep Apnea – Pathophysiology, Diagnosis and Management", April 2011. Ponte Vedra, FL. **Bajwa AA.**


Internal Medicine Updates, “Outpatient management of COPD and asthma”, March 2010. Jacksonville Beach, FL. **Bajwa AA.**


**HONORS AND AWARDS**

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<tr>
<th>James D Cury, M.D.</th>
<th>University of Florida Exemplary Teacher Award</th>
<th>2011</th>
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<tr>
<td>James D Cury, M.D.</td>
<td>Internal Medicine Teacher of The Year Award</td>
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<tr>
<td>Abubakr A Bajwa M.D.</td>
<td>University of Florida Exemplary Teacher Award</td>
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<td>Adil Shujaat M.D.</td>
<td>University of Florida Exemplary Teacher Award</td>
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**CLINICAL ACTIVITIES**

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<td>Sleep Studies</td>
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# CONTRACTS AND GRANTS

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<th>Project Period</th>
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<td>Abubakr Bajwa, MD</td>
<td>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 (COMPASS 2)</td>
<td>9/17/2009 - 9/29/2012</td>
<td>Actelion</td>
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<tr>
<td>Abubakr Bajwa, MD</td>
<td>AMBITION: A Randomised, Multicenter Study of First-Line Ambrisentan and Tadalafil Combination Therapy in Subjects With Pulmonary Arterial Hypertension</td>
<td>10/5/2010 - 10/15/2012</td>
<td>Gilead Sciences</td>
<td>$8,231.25</td>
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<td>Abubakr Bajwa, MD</td>
<td>A Phase 3, Double-Blind, Multicenter, Randomized, Placebo-Controlled Trial Evaluating Repeated Courses of Azepronam for Inhalation Solution/Azebronam 75 mg Powder and Solvent for Nebuliser Solution in Subjects With Non-CF Bronchiectasis and Gram-Negative Endobronchial Infection (AIR-BX2)</td>
<td>6/13/2011 - 7/11/2012</td>
<td>Gilead Sciences</td>
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<td>Abubakr Bajwa, MD</td>
<td>ARTEMIS-IPF: A Phase 3, Randomized, Double-Blind, Placebo-Controlled, Multicenter, Parallel-Group, Event Driven Study to Evaluate the Safety and Effectiveness of Ambrisentan in Idiopathic Pulmonary Fibrosis</td>
<td>12/21/2010-11/24/2011</td>
<td>Gilead Sciences</td>
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<td>Abubakr Bajwa, MD</td>
<td>A Randomized, Double-Blind, Placebo-Controlled, Phase 3 Study of the Efficacy and Safety of Pirfenidone in Patients with Idiopathic Pulmonary Fibrosis (PIPF-016)</td>
<td>9/20/2011 - 10/14/2012</td>
<td>InterMune, Inc.</td>
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<td>Abubakr Bajwa, MD</td>
<td>An Open Label Study to Explore the Impact of Inhaled Treprostinil Sodium on Ventilation Perfusion Matching When Used for Treatment of Group 1 Pulmonary Arterial Hypertension in Patients With Comitant Chronic Obstructive Pulmonary Disease (COPD)</td>
<td>June 2011 - present</td>
<td>United Therapeutics</td>
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<td>Abubakr Bajwa, MD</td>
<td>Impact of Recreational Drug Use on COPD, Asthma Exacerbations</td>
<td>July 2010 - present</td>
<td>Non-Funded</td>
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<td>Abubakr Bajwa, MD</td>
<td>The Spectrum of Intracranial Hemorrhages in Patients With Crack/Cocaine Use</td>
<td>August 2010 - present</td>
<td>Non-Funded</td>
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<td>Abubakr Bajwa, MD</td>
<td>Evaluation of the Relationship Between Right Ventricular Myocardial Mechanics and Pulmonary Artery Vessel and Flow Dynamics in Pulmonary Artery Hypertension by MRI</td>
<td>January 2010 - present</td>
<td>James and Esther King Biomedical Research Grant</td>
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DIVISION OF RHEUMATOLOGY AND CLINICAL IMMUNOLOGY
ACADEMIC YEAR 2011 (7/10 - 6/11)

Highlights

The Division of Rheumatology & Clinical Immunology had a very successful and productive academic year on multiple levels. Despite our new beginnings we have been planting many seeds for the future and can readily see some of the fruits of our dedication to the UF – COM mission, collaboration, and teamwork under the guidance of our leadership including the deans but specifically our chairman, Dr. Arshag Mooradian. The division had great accomplishments in patient care, research, and education.

Despite the roadblocks that we encountered, in the previous years, in trying to accomplish a joint rheumatology fellowship program with Mayo Clinic in Jacksonville, The division was successful in establishing the first rheumatology fellow training program at UF – COM, Jacksonville, FL. This training program will allow us to retain our highly trained physicians and provide more rheumatologists to face the expanding shortage in rheumatologists in the present and future. Meanwhile, we continue to work with other training programs and the GME office at UF – COM Jacksonville in order to provide the mentoring and teaching for many students and residents, who are interested in our specialty. Dr. Kaeley had his second extremely successful CME musculoskeletal ultrasound training course. The web-based rheumatology eLearning series that was developed by Dr. Pappa and Kaeley, which is readily available, even wirelessly, to students and physicians while at the UF – COM Jacksonville campus was a great hit and well received as well.

Despite some set-backs due to FMLA taken by two faculty members, we continued our growth and hardwork by maintaining and increasing our publications and out-patient visits compared to last year. Our faculty members were featured in local, national, and international professional meetings and local media channels, served on expert advisory boards and as professional journal reviewers, and in local and professional medical societies. Currently, we offer the most up to date patient care and rheumatology services to our patients both in the in-patient and out-patient settings.

The Division of Rheumatology & Clinical Immunology was able to build and maintain its research unit from the grounds up. After overcoming many challenges, the division has over a million US Dollar in total research budget from grants and active studies with almost twice that amount in the pipeline.

None of this could have been accomplished without the support of our leadership at UF – COM Jacksonville, but more importantly it is a reflection to the diversity, determination, and teamwork of the division’s faculty members, whom Dr. Mitri was able to recruit in a relatively short period of time based on their unique qualifications and cultural fit. Currently, the division is planning an expansion by recruiting more faculty members and working in collaboration with the local medical community to add allergy and immunology services to its expanding clinical services. However, the backbone to our success is the loyal and hard working staff at our clinics, hospital, and administrative offices.

Patient care: Despite some set-backs due to FMLA taken by two faculty members, we were able to maintain and increase our clinical volume and growth. This is due to the major shortage in our specialty, our unique collective expertise, and enthusiasm. Patients with numerous medical conditions including but not limited to many types of arthritis, lupus, scleroderma, myositis, autoimmune and systemic diseases, osteoporosis, connective tissue diseases related to inflammation and metabolic dysfunction, soft tissue conditions and pain such as fibromyalgia. We continue to be on the frontiers of providing the very up to date rheumatology services and 24/7 consultations at Shands Hospital in Jacksonville, the ambulatory care clinic, and our dedicated out-patient clinic on Emerson Street.
In the out-patient setting we provide full rheumatology coverage from Monday to Friday, where we provide diagnostic musculoskeletal ultrasound, musculoskeletal procedures under ultrasound guidance using state of the art 3D technology, and the very first non-surgical treatment of Dupuytren’s Contractures using a biologic therapy. At our infusion suite, we can administer all the intravenous biologics, disease modifying drugs, and osteoporosis medications.

Excellence is our only goal when it comes to patient care. Our faculty members achieved or exceeded the average in our specialty and in comparison to others at our institution. We touch our patients’ lives during some of the most vulnerable moments they will ever encounter alone or with their loved ones. As physicians of the UF – COM Jacksonville we always strive for excellence in our practice.

**Education:** Education is one of the main missions at the UF – COM Jacksonville. Our faculty members have been very dedicated and creative in delivering the best of what they can offer to our students and residents. Our achievements in education were highlighted in multiple venues but the rheumatology fellowship program was a major cornerstone in the growth and development of our academic program.

After many years of hard-work and collaboration, we were able to establish the first rheumatology fellowship training program at UF – COM, Jacksonville. Our first fellow is Dr. Manish Relan, who has shown a very strong interest for several years while he was working as assistant professor in internal medicine at our institution. Due to their dedications and efforts, Dr. Kaeley was appointed as the program director and Dr. Pappa as the assistant program director.

In Internal Medicine residency education, Dr. Mitri continues as rotation director of relevant educational programs for Rheumatology. He is the primary liaison between the Core Residency Program and the division, and is a member of the Resident Education Committee. He also volunteers on a regular basis as a teaching attending for Internal Medicine rounds and morning reports. In the educational program of University of Florida medical students and residents Dr. Pappa, Dr. Kaeley, and Dr. Mitri participated in preceptoring clinics in rheumatology and delivered core curriculum lectures for the Department of Medicine Residency Program at the UF – COM Jacksonville. All the rheumatology faculty members participated in internal medicine grand rounds and shared the knowledge of their invited rheumatology speakers on a regular basis.

The second Musculoskeletal Ultrasound Course in March 2011 was a great success. It was accomplished under the leadership of Dr. Kaeley, who is a world-class rheumatology ultrasonographer. This was a 3-day CME hands-on training course that uniquely utilized our state of art simulation laboratory at the UF – COM Jacksonville. Dr. Pappa participated with lectures and ultrasound training session. It was greatly attended and featured many other world-expert speakers.

ELearning is an entrepreneur unique project that was pioneered by Dr. Pappa and Kaeley. The aim of this project is to develop electronic learning content to cover basic Rheumatology Core Curriculum as well as musculoskeletal ultrasound training material. Internal Medicine Residents need to assimilate core knowledge rapidly in order to gain the most out of the clinical Rheumatology rotations.

**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>
</tr>
</thead>
<tbody>
<tr>
<td>Gurjit S Kaeley, M.B.B.S., Assistant Professor</td>
<td>The London Hospital Medical College, London, UK</td>
<td>University of Tennessee College of Medicine</td>
<td>University of Tennessee College of Medicine</td>
<td>1990  1996  1998</td>
</tr>
</tbody>
</table>
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

Chryssoula Pappa, M.D., Assistant Professor of Medicine

Medical School/Graduation date: Aristotle University of Thessaloniki 2001
Internship/residency and year: Albany Medical College 2007
Subspecialty training and year: Albany Medical College 2009

PUBLICATIONS


Kaeley GS, Training and Education in Rheumatology Ultrasound: Experiences in the USA. Book Chapter in Essential Applications of Ultrasound in Rheumatology, 1st Edition


CLINICAL ACTIVITIES

<table>
<thead>
<tr>
<th>Outpatient activity</th>
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<tbody>
<tr>
<td>Clinical Visits</td>
<td>4,617</td>
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</table>
## CONTRACTS AND GRANTS

<table>
<thead>
<tr>
<th>PI</th>
<th>Title</th>
<th>Sponsor</th>
<th>Total Grant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kaeley</td>
<td>A Randomized, Double-blind, Placebo-controlled, Multiple-dose Study to Evaluate the Safety, Tolerability, and Efficacy of AMG 827 in Subjects with Rheumatoid Arthritis and an Inadequate Response to Methotrexate</td>
<td>Amgen Inc</td>
<td>$102,274</td>
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<tr>
<td>Kaeley</td>
<td>A Long-term Assessment of the Safety and Efficacy of AMG 827 Subcutaneous Treatment in Subjects with Rheumatoid Arthritis</td>
<td>Amgen Inc</td>
<td>$247,804</td>
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<tr>
<td>Kaeley</td>
<td>A Multicenter, Double-Blind, Randomized, Parallel-Arm Study to Determine the Effect of Methotrexate Dose on Clinical Outcome and Ultrasonographic Signs in Subjects with Moderately to Severely Active Rheumatoid Arthritis Treated with Adalimumab</td>
<td>Abbott Laboratories</td>
<td>$209,008</td>
</tr>
<tr>
<td>Kaeley</td>
<td>A Double-Blind, Randomized, Parallel-Arm, Multicenter Study to Determine the Dose Response of Methotrexate (MTX) in Combination Therapy with Adalimumab in Subjects with Early Rheumatoid Arthritis</td>
<td>Abbott Laboratories</td>
<td>$120,000</td>
</tr>
<tr>
<td>Kaeley</td>
<td>A Phase 3B, Open-Label, Multicenter, Exploratory Study to Assess Changes in Joint Inflammation Using Ultrasonography in Subjects with Rheumatoid Arthritis for 12 Weeks with Certolizumab Pegol (Cimzia)</td>
<td>UCB Biosciences</td>
<td>$140,860</td>
</tr>
<tr>
<td>Mitri</td>
<td>A Randomised, Double-blind, Placebo-controlled, Multicentre, Prospective Dose-finding Phase II/III study with Atacicept given Subcutaneously to Subjects Having Recently Experienced a flare of Systemic lupus erythematosus</td>
<td>EMD Serono</td>
<td>$110,513</td>
</tr>
<tr>
<td>Mitri</td>
<td>A Two-Stage Prospective Observational Cohort Study in Scleroderma Patients to Evaluate Screening Tests and the Incidence of Pulmonary Arterial Hypertension and Pulmonary Hypertension</td>
<td>Actelion Pharmaceuticals</td>
<td>$121,830</td>
</tr>
<tr>
<td>Mitri</td>
<td>A Randomized, Head-to-Head, Single-Blind Study to Compare the Efficacy and Safety of Subcutaneous Abatacept versus Subcutaneous Adalimumab, Both with Background Methotrexate, in Biologic-Naive Subjects with Rheumatoid Arthritis</td>
<td>Bristol Myers Squibb</td>
<td>$152,368</td>
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<tr>
<td>Mitri</td>
<td>A Golimumab Phase 3b, Multicenter, Switch Assessment of Subcutaneous and Intravenous Efficacy in Rheumatoid Arthritis Patients Who Have Inadequate Disease Control Despite Treatment with Etanercept (ENBREL®) or Adalimumab (HUMIRA®)</td>
<td>Centocor</td>
<td>$306,700</td>
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<tr>
<td>Mitri</td>
<td>A phase 3, randomized, double-blind, placebo-controlled, multicenter study of the efficacy and safety of four 12 week treatment cycles (48 weeks total) of epratuzumab in systemic lupus erythematosus subjects with moderate to severe disease</td>
<td>UCB Biosciences</td>
<td>$108,050</td>
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<tr>
<td>Pappa</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</td>
<td>Hoffman LaRoche</td>
<td>$57,541</td>
</tr>
</tbody>
</table>
Department of Medicine
Annual Faculty Meeting
June 2011

Department of Medicine
University of Florida
College of Medicine-Jacksonville
653 West 8th Street, Box L20
Jacksonville FL 32209
www.hscj.ufl.edu/internal-medicine/