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

I am 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 2011 through June 2012. I will briefly describe the departmental accomplishments for the past year.

**Patient care:** The Department was successful in increasing the revenues and limiting the operational costs which resulted in a budgetary surplus of $1,057,645. The clinical excellence of the faculty, coupled with continued improvements in clinical operations, lead to improvement in patient satisfaction scores in several of our clinical units. Our goal is to strive for over 90% excellent rating in patient satisfaction questionnaires.

**Education:** The Departmental faculty members continued to excel in educating students and residents. There were 14 faculty members in the Department who received the Exemplary Teacher Award. The scholarly productivity of the house staff was exceptionally good. Over 38% of research presentations on Research Day were made by Medicine house staff. The first and second place prize winners of the platform presentations and the first prize winner among the poster presentations were trainees in the Department. The three year rolling average for Board pass rate in the core program is 89%, significantly higher than the national average of 86%. Continuing Medical Education (CME) initiatives were offered by all the Divisions within the Department.

**Research:** The Department had a productive year in research and scholarly output. There were a total of 136 peer reviewed publications and 22 book chapters and editorials authored by faculty members. Faculty made 141 national and regional presentations. During the academic year 2012, we had 23 funded investigators who had extramural funding.

Undoubtedly, the accomplishments of the Department of Medicine could not have been possible without the dedication and hard work of the Departmental faculty and staff. Nevertheless, we in the Department are fully aware that our success is facilitated by the collegial support we receive from the other Departments and clinical units as well as the support and guidance of the leadership of the Medical School and the Hospital. On behalf of the Department, I want to express our gratitude to all those who have been supportive to the Department.

Sincerely,

Arshag D. Mooradian, M.D.
Professor and Chairman
DEPARTMENT ORGANIZATIONAL OVERVIEW
ACADEMIC YEAR 2012 (7/11 - 6/12)

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, Internal Medicine Residency

Carlos Palacio, M.D., M.P.H.
Associate Program Director, Internal Medicine Residency and Associate Director, Medical Student Clerkship

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

Michael Haas, Ph.D.
Director of Research

Donald Gilchrist, M.B.A.
Administrator

Nanci Morton
Administrative Manager

DIVISION CHIEFS

Cardiology
Theodore Bass, M.D.

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

Gastroenterology
James Scolapio, M.D.

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

Hematology and Medical Oncology
Fauzia Rana, M.D.

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

Nephrology and Hypertension
Charles Heilig, M.D.

Pulmonary, Critical Care and Sleep Medicine
Abubakr Bajwa, M.D.

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

Chief Residents

Justin Federico, D.O.
Hammad Jafri, M.D.

Housestaff I

Ahmad Alkaddour, M.D.
Christopher Bailey, D.O.
Jason Bellardini, M.D.
Jason Hew, M.D.
Alexandra Joseph, M.D.
Aisha Khan, D.O.
Paul Maraj, M.D.
Christina Mathai, M.D.
Trevanne Matthews-Hew, M.D.
Garry McCulloch, M.D.
Ke Ning, M.D.
Michael Pizzi, D.O.
Avinash Ramdass, M.D.
Wesley Thompson, D.O.
Jean Touchan, M.D.
Kasey Treger, D.O.

Housestaff II

Candice Aurelus, M.D.
Ronald Brown II, M.D.
Matthew Clark, M.D.
Madhu Emani, M.D.
Stanley Giddings, M.D.
Vishal Jaikaransingh, M.D.
Priyanka Kapoor, M.D.
Jaisri Maharaj, M.D.
Siva Marri, M.D.
Sumit Narula, M.D.
Laurie Ramrattan, M.D.
Tanya Reimschissel, D.O.
Marwan Shaikh, M.D.
Estela Thano, D.O.

Housestaff III

Ramandeep Bambrah, M.D.
Chandrikha 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.

Medical School

Housestaff I

Lake Erie College of Osteopathic Medicine
Sindh Medical College

Medical School

Jordan University of Science and Technology
Nova Southeastern College of Osteopathic Medicine
American University of Antigua
University of the West Indies, Jamaica
Ross University School of Medicine
Nova Southeastern College of Osteopathic Medicine
University of the West Indies, Trinidad
St. George's University
University of the West Indies, Jamaica
St. Matthews University
Ross University School of Medicine
Chicago College of Osteopathic Medicine-Midwestern
University of the West Indies, Trinidad
Chicago College of Osteopathic Medicine-Midwestern
Aleppo University
College of Osteopathic Medicine of the Pacific

Medical School

Howard University College of Medicine
University of Louisville School of Medicine
St. Matthews University
Bangalore Medical College
University of the West Indies, Trinidad
University of the West Indies, Trinidad
Kasturba Medical College
University of the West Indies, Trinidad
NTR University of Health Sciences
Kasturba Medical College
University of the West Indies, Trinidad
Lake Erie College of Osteopathic Medicine
University of Toledo College of Medicine
Lake Erie College of Osteopathic Medicine

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
Ross University School of Medicine
University of Puerto Rico School of Medicine
University of the West Indies, Trinidad
Vinoo Ramsaran, M.D.  
Rohan Samson, M.D.  
Miloni Shroff, M.D.  
Amita Singh, M.D.  
Ryan Wilson, M.D.  

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

Subspecialty Fellowship Program Directors

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

Steven Hsu, M.D.  
Steven Lavine, M.D.  
Kent Wehmeier, M.D.  
James Scolapio, M.D.  
Theodore Bass, M.D.  
Michael Sands, M.D.  
Dat Pham, M.D.  
Charles Heilig, M.D.  
Luis Guzman, M.D.  
J. Davis Cury, M.D.  
Gurjit Kaeley, M.D.

Subspecialty Fellow – Housestaff IV

Alian Aguila, M.D. - Cardiology  
James Altman, M.D.- Cardiology  
Hammad Bhatti, M.D. - Pulmonary Critical Care  
Ankur Girdhar, M.D. - Pulmonary Critical Care  
Line Kemeyou, M.D. - Cardiology  
Hagop Kojanian, M.D. - Endocrinology  
Bijo Kythaparambil John, M.D. - Gastroenterology  
Camille McGaw, M.D. - Gastroenterology  
Raguveer Murthy, M.D. - Cardiology  
Manish Relan, M.D. - Rheumatology  
Muhammad Salahuuddin, M.D. - Nephrology  
Qurrat Shamim, M.D. - Nephrology  
Anna Szafran-Swietlik, M.D. - Endocrinology  
Shawn Tai, M.D. - Medical Oncology  
Diane Vanhorne-Padilla, M.D. - Infectious Disease

Subspecialty Fellow – Housestaff V

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  
Jasdip Matharu, M.D. – Pulmonary Critical Care  
Sandra Mesliniene, M.D. – Endocrinology  
Taren Ohman, M.D. – Medical Oncology  
Ambar Patel, M.D. – Cardiology  
Harendra Patel, M.D. – Cardiology  
Bharani Pinisetti, M.D. – Infectious Disease  
Tauseef Qureshi, M.D. – Pulmonary Critical Care  
Jamal Salameh, M.D. – Nephrology  
Ho Vu, M.D. – Medical Oncology

University of Miami School of Medicine  
Medical University of South Carolina College of Medicine  
King Edward Medical College, University of Punjab  
All-India Institute of Medical Sciences  
University of Texas Southwestern Medical School at Dallas  
Aleppo University  
Rajiv Gandhi University of Health Sciences  
Howard University College of Medicine  
University of South Florida College of Medicine  
Armed Forces Medical College University of Pune  
Ross University School of Medicine  
Dow Medical College, University of Karachi  
Medical University of Silesia  
Ross University School of Medicine  
Universidad De Mexico American Del Norte

Medical School

Wake Forest University  
Medical College of Georgia  
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  
St. George's University School of Medicine  
University of Florida College of Medicine  
University of Alabama School of Medicine  
NTR University of Health Sciences  
St. George's University School of Medicine  
Northeastern Ohio University College of Medicine  
Ross University School of Medicine
### Subspecialty Fellow – Housestaff VI

- Junaid Ahmed, M.D. – Cardiology
- Jeffrey Blackburn, M.D. – Cardiology
- Jelica Janicijevic, M.D. – Cardiology
- Herman Kado, M.D. – Cardiology
- Suraj Naik, M.D. – Gastroenterology
- 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
- University of South Carolina School of Medicine
- Temple University School of Medicine
- Wayne State University School of Medicine
- University of Texas Southwestern Medical School
- Ross University School of Medicine
- University of West Indies
- University of Florida College of Medicine
- University of West Indies

### Subspecialty Fellow – Housestaff VII

- Bosede Afolabi, M.D. - Cardiac Electrophysiology
- Shahdad Azmoon, M.D. - Interventional Cardiology
- Aman Khurana, M.D. - Peripheral Vascular Disease
- Bharat Gummadi, M.D. - Interventional Cardiology

### Medical School

- University of Lagos
- Temple University School of Medicine
- Gajra Raja Medical College
- St. George’s University School of Medicine
GRADUATE MEDICAL EDUCATION
ACADEMIC YEAR 2012 (7/11 - 6/12)

Highlights

The Internal Medicine Residency Program, along with the accompanying fellowships, continued its success during the 2012 academic year. Still enjoying full accreditation and robust cycle lengths, the training programs continued to focus on excellence in education, research, and clinical care. The program continues to focus on recruiting strong interns and then providing them with the mentorship to become successful in the future. This report will review some of the reasons for this past year’s success.

Internal Medicine Residency Program: Much of the perceived success of any residency training program is their board pass rate. The ABIM continues to monitor and report the three year rolling average of all programs in the country. This program is proud to report that the three year rolling average for its graduates is 89%, significantly higher than the national average of 86%. This is also higher than most internal medicine training programs within the state of Florida. This success is a testament to the hard work the trainees have put into board preparation as well as the teaching contributions from the faculty.

This past academic year was the second full year with program leadership of Drs. House, Bailey, and Palacio. They continued to build upon their previous experiences to further advance the training environment. As with previous years, the incoming intern class for 2011-12 had an average two digit USMLE step 1 score of 92. When combined with the step 1 scores of the second and third year classes, the average comes to 92.3, marking the highest combined average score recorded. The graduating class of 2011 was overall very successful in attaining their career goals. Seven of the graduates have gone on to fellowship training, four have gone into hospital based practices, and 2 residents stayed on as administrative chief residents. Although hospital medicine continues to be popular amongst graduates who do not subspecialize, the program was pleased to have one resident going into a traditional Internal Medicine practice. The program continued its proud tradition of having excellent administrative chief residents. Drs. Jafri and Federico worked tirelessly as teachers, mentors, clinicians and researchers. The residency was proud to have Drs. Jaikaransingh, Chandrasekharan, and Ramlal represent the state of Florida at the National American College of Physicians Doctors Dilemma competition. As in previous years, a number of faculty within the Department received Exemplary Teacher Awards including three core faculty, Drs. Nilmarie Guzman, Fauzia Rana, and Jeff House. The University’s Annual Research Day was another success for the training program. First, 38% of platform and poster presentations were from the department’s fellows and residents. Even more impressive was Dr. Ryan Wilson winning first place prize and Dr. Rohan Samson receiving the second place prize for the oral platform presentations. In other areas of research, residents submitted abstracts to the Florida Chapter American College of Physicians Meetings, American College of Physicians Internal Medicine Update, American Federation for Medical Research Southern Regional Meeting, Southern Hospital Medicine Conference, CHEST Annual Meeting, American Heart Association Quality of Care and Outcomes Research in Cardiovascular Disease & Stroke Scientific Sessions and the American College of Gastroenterology Annual Meeting. Resident research accounted for 5 published manuscripts, 7 published abstracts and 55 poster/oral presentations.

Subspeciality Fellowship Programs: This past academic year marks the first year for the Rheumatology and Peripheral Vascular Disease fellowships. With the addition of this fellowship training program, the total postgraduate fellowship now is up to 10. Headed by accomplished and enthusiastic directors and associate directors, these programs continue to mature and are ready to face the new challenges that are sure to come in the upcoming years. As with the core program, these fellowships enjoy long accreditation cycles but will need to adapt to the Next Accreditation System that is being put forth by the ACGME. As with prior reports, individual acknowledgement of each fellowships’ accomplishments will be noted in each divisions’ report.
Student Education: Drs. Alexandraki and Palacio had another successful year as clerkship directors. Students continue to have rotations in inpatient and ambulatory settings, and their evaluations of these rotations are consistently positive. Requests for elective rotations from students from other medical schools continue to grow, further evidence of the positive experience that students have had on our campus.

LISTING OF PROGRAM LEADERSHIP

**Justin Federico, D.O., Post-doctoral Associate and Chief Medical Resident**
Medical School / Graduation date: Lake Erie College of Osteopathic Medicine 2008
Internship/residency and year: University of Florida Jacksonville 2011
Chief Medical Resident: University of Florida Jacksonville 2012

**S. Hammad Jafri, M.D., Post-doctoral Associate and Chief Medical Resident**
Medical School / Graduation date: Sindh Medical College, University of Karachi 2005
Internship/residency and year: University of Florida Jacksonville 2011
Chief Medical Resident: University of Florida Jacksonville 2012

**Irene Alexandraki, M.D., Associate 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, M.D., 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, D.O., 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, M.D., 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

Published manuscripts:


Published abstracts:


Presentations:


Izhar M. Pulmonary hypertension secondary to pulmonary veno-occlusive disease: a rare and challenging disease


**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.** Post-cardiac injury syndrome: a rare complication after a transvenous pacemaker placement. Poster Presentation. UF College of Medicine Research Day, Jacksonville, FL. May 12, 2011.

**Salahuddin M.** Spindle cell carcinoma: a rare and challenging disease entity. 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.


**Christman E.** Bilateral optic neuritis in association with chronic hepatitis C.  Poster presentation. Florida Chapter American College of Physicians, Orlando, FL. March 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

American College of Physicians, Florida Chapter - Doctor’s Dilemma™ State Champions: Drs. Chandrikha Chandrasekharan, Vishal Jaikaransingh and Reshma Ramlal.

UF College of Medicine Exemplary Teachers Award: Drs. Irene Alexandraki, Linda Edwards, Malcolm T. Foster Jr., Ashwani Gupta, Nilmarie Guzman, Michael Haas, Jeffrey G. House, Alan B. Miller, Juan C. Munoz, Dat Pham, Fauzia N. Rana, Michael Sands and Robert A. Zaiden Jr.
Excellence in Student and Resident Education Awards:
Drs. Justin Federico, Jeff House and Ghania Masri are the recipients of the UF Gainesville Department of Medicine Honors Award for Excellence in Teaching Medical Students.

Dr. Cristian Landa was awarded the UF Gainesville Society of Teaching Scholars Excellence in Teaching Award.

Dr. Emily Christman was the recipient of the Ann Hardwood-Nuss, M.D. Resident Advocacy Award.

Dr. Reshma Ramlal was honored as the American College of Physicians Florida Chapter Resident of the Year.

Dr. Ryan Wilson was awarded the Malcolm T. Foster, Jr., MD Scholarship Award.

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

CLASS OF 2012 DESTINATIONS

<table>
<thead>
<tr>
<th>Professional status</th>
<th>Location</th>
</tr>
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<tbody>
<tr>
<td>Hospital Medicine</td>
<td>Baptist Medical Center, Jacksonville</td>
</tr>
<tr>
<td>Internal Medicine Faculty</td>
<td>University of Florida Jacksonville</td>
</tr>
</tbody>
</table>

Chief Medical Residents

- Justin Federico, D.O.
- S. Hammad Jafri, M.D.

Preliminary Residents

- Christopher Bailey, D.O.
- Michael Pizzi, DO, Ph.D.

Categorical Residents

- Ramandeep Bambrah, M.D.
- Chandrikha 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., M.P.H.
- Amita Singh, M.D.
- Ryan Wilson, M.D.

- Medical Oncology Fellowship University of Florida Jacksonville
- Palliative Care/Hospice Fellowship Mayo Clinic, Rochester, MN
- Chief Medical Resident University of Florida Jacksonville
- Endocrinology Fellowship University of Maryland, Baltimore
- Hospital Medicine Baptist Medical Center, Jacksonville
- Internal Medicine Faculty University of Florida Jacksonville
- Gastroenterology Fellowship University of Florida Jacksonville
- Group Practice University of Florida Jacksonville
- Hematology Oncology Fellowship Lehigh Valley Hospital, Allentown, PA
- Pulmonary Critical Care Fellowship St. Louis University, Missouri
- Advanced Heart Failure Fellowship University of Florida Jacksonville
- Infectious Disease Fellowship University of Florida Jacksonville
- Pulmonary Critical Care Fellowship University of Florida Jacksonville
- Chief Medical Resident University of Florida Jacksonville
The faculty in the Department of Medicine continue to obtain research awards and train future investigators; an important aspect of the University of Florida College of Medicine-Jacksonville’s mission. Trends in external funding for the past five years are shown in **Figure 1.** External funding from federal, state, industry and foundation sources increased 10.9% this fiscal year compared to last. This occurred even though there was a decrease in the number of funded investigators (from 24 investigators last fiscal year to 23 investigators this fiscal year) (**Figure 2**) and a decrease in the number of funded projects (from 75 projects last fiscal year to 67 this fiscal year) (**Figure 3**).

Several faculty members in the Department of Medicine have basic/translational science projects in the Medical Research Building. **Michael Haas, Ph.D.** (Endocrinology) is investigating molecular mechanisms that regulate expression of genes involved in cholesterol transport and oxidative and endoplasmic reticulum stress. **Charles Heilig, M.D.** (Nephrology and Hypertension) is examining the regulation of glucose transporter 1 expression by mechano-growth factor. In appreciation of his excellent work, Dr. Heilig was the recipient of the 2012 Robert C. Nuss Researcher/Scholar award. **Xiaoyo Li, M.D., Ph.D.** (Gastroenterology) is examining the molecular basis for anti-viral responses to hepatitis C virus infection. Assisted by **Cristian Landa, M.D.** (General Internal Medicine), he is also examining the potential protective effect of vitamin D on hepatitis C virus infection in hepatocytes. He has several clinical trials of new investigational drugs on hepatitis C patients. **Leighton James, M.D.** (Nephrology and Hypertension) is examining the roles of various growth factors in diabetic kidney disease. **Minghui Xiang, Ph.D.** is examining the roles of Na+/K+ antiporters in hypertension, diabetes, and schizophrenia.

Residents and sub-specialty fellows in the Department of Medicine have many opportunities to select a mentor and participate in basic, translational, epidemiological or clinical...
research. Several residents and fellows received Deans Fund Research Grant funding, enabling them to carry out research projects under the mentorship of faculty. This has increased the scholarly output of our trainees. At research day, over 38% of the presentations were from residents and sub-specialty fellows in the Department of Medicine. **Ryan Wilson, M.D.** (senior resident) and **Rohan Sampson, M.D.** (senior resident) placed first and second place, respectively, in the oral platform competition. **Lacie Brenner, M.D.** (fellow, Gastroenterology) won the first place prize for her poster presentation. **Michael Babcock, M.D.** (fellow, Cardiology) and **Anna Szafran-Switek, M.D.** (fellow, Endocrinology) received fourth and fifth place prizes for their poster presentations. These great outcomes are in part due to the desire and hard work of their faculty mentor. **Michael Haas, Ph.D.** and **Minghui Xiang, Ph.D.** have also worked with interns from the **Florida State College of Jacksonville Biotechnology** program.
DIVISION OF CARDIOLOGY  
ACADEMIC YEAR 2012 (7/11 - 6/12) 

Highlights

Clinical program development remained robust including:

- Restructuring of the Lakeshore Practice and HMA partnership
- Creation and implementation of the Cardiovascular Hospitalist program resulting in decreased hospital LOS, increased CMI and great efficiency of care related to emergency room cv patients
- Initiation and maintenance of the Emerson CV clinic including front end financing and operations hitting all pre-set targets
- Restart vascular surgery partnership to be implemented this year
- Development of the multidisciplinary valve program with resulting increases in valve surgery and expansion of services both long and short term for patients with cardiac valvular disease. This project is moving forward with development of TAVR percutaneous valve program
- Developed marketing program for St Mary's CV practice
- Cardiac Women’s Program started and has grown dramatically under direction of new faculty member Dr. Gladys Velarde
- Maintenance of STEMI transfer program receiving the American Silver Performance Achievement Award for excellence in measured outcomes.
- Continued growth of high risk coronary intervention services using left ventricular assist device
- Met or surpassed preset hospital productivity targets

Customer Service:

Cardiology Goals for 2013 are as follows:

- Lake Shore Partnership phase 2
- Restructure of Cardiology Hospitalist program
- Valve Program: enhancing services and meeting needs of the surgical program
- Bring TAVR program on board
- Go live of EPIC phase 2, outpatient services
- Recruit for CHF leader
- Continue to build Emerson program
- Restart Vascular Surgery partnership
- Increase physician research productivity in sections currently less active
- Continue the support and growth of the Women’s program
- Mentor medical director
- Personally, I will continue to Chair ABIM Interventional Board writing committee. I will finish vice chair assignment for ACCF/AHA/SCAI 2012 Update of the Clinical Competence Statement on Cardiac Interventional Procedures and assume Presidency of our national organization the Society of Cardiovascular Angiography and Intervention.

Education: Cardiovascular faculty received 2 Exemplary Teaching Awards. All three fellowships remain competitive and are comfortably in mid-review cycles. Our fellows and residents have received several research awards including Dean’s grants. Our post-doc research fellows have also received this recognition.

During the last two years, the Cardiology fellows have developed a teaching curriculum for the medical students and Emergency Medicine residents when they rotate through the CCU. Readings and presentations are reviewed with the trainees and they are administered a pre-test and post-test after
the completion of their rotation. There has also been a steady climb in the internal medicine/cardiology in service scores over the last several years.

**Research:** Our faculty continues to excel in research, scholarly production and participation in national and international scientific sessions. We have over 25 active clinical trials many of which are locally investigator initiated. We have published over 50 peer-reviewed manuscripts, over 50 abstracts and presentations at local, national and international meetings and 13 book chapters. We currently hold leadership positions in most major CV societies and editorial positions in many major cardiovascular journals. We continue to receive consistently increasing extramural funding.

**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>Dominick Angiolillo, M.D. Ph.D., Associate Professor</td>
<td>Medical School / Graduation date</td>
<td>The Catholic University of the Sacred Heart Medical School, Italy 1997</td>
<td>The Catholic University of the Sacred Heart Medical School, Italy 1997</td>
<td>University Hospital of Salamanca, Spain/The Policlinico 1998</td>
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<td>Agostino Gemelli University Hospital, Italy/San Carlos 2003</td>
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<td></td>
<td></td>
<td>University Hospital</td>
</tr>
<tr>
<td>Theodore Bass, M.D., Professor and Division Chief</td>
<td>Medical School / Graduation date</td>
<td>Brown University 1976</td>
<td>Mayo Clinic 1979</td>
<td>Boston University 1981</td>
</tr>
<tr>
<td>Lyndon Box, M.D., Assistant Professor</td>
<td>Medical School / Graduation date</td>
<td>University of Mississippi – Birmingham, Alabama 2001</td>
<td>Carraway Methodist Medical Center/Oregon Health Sciences 2002</td>
<td>University 2004</td>
</tr>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>University of Florida – Jacksonville, Florida 2008</td>
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<tr>
<td>Douglas Chapman, M.D., Associate Professor</td>
<td>Medical School / Graduation date</td>
<td>Chicago Medical School 1984</td>
<td>University of Missouri 1987</td>
<td>Michael Reese Hospital 1990</td>
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<tr>
<td>Sunita Dodani, M.D., M.S., Ph.D., Associate Professor</td>
<td>Medical School / Graduation date</td>
<td>The Aga Khan University, Pakistan 1992</td>
<td>Dalhousie University (M.S.) 2002</td>
<td>University of Pittsburgh (Ph.D.) 2006</td>
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<tr>
<td>Luis Guzman, M.D., Associate Professor</td>
<td>Medical School / Graduation date</td>
<td>University of Buenos Aires, Argentina 1982</td>
<td>Churruc-Visca Hospital, Argentina 1986</td>
<td>Instituto Cardiovascular Buenos Aires, Argentina 1989</td>
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</table>
### 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, 2004
- Subspecialty training and year: Dartmouth-Hitchcock Medical Center – Lebanon, NH, 2008

### Steven Lavine, M.D., 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

### 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

### Joel Strom, M.D., M.Eng., Adjunct Professor
- Medical School / Graduation date: State University of New York Upstate Medical University, 1970
- Internship/residency and year: State University of New York Upstate Medical Center, 1973
- Subspecialty training and year: Cornell University Medical College, 1974
- Subspecialty training and year: Albert Einstein College of Medicine, 1977

### Gladys Velarde, M.D., Associate Professor
- Medical School / Graduation date: New York University School of Medicine, 1992
- Internship/residency and year: Columbia Presbyterian Medical Center, 1995
- Subspecialty training and year: Boston University/Mount Sinai Hospital, 1998
Peer-reviewed Manuscripts:


Guzman LA. State of the art article: Critical Limb Ischemia. The new treatment paradigm. Proceeding of the SOLACI Educational Bulle tin. 03-2012.


Lavine SJ. Walsh T. Exercise Tolerance and the Post Exercise Diastolic Filling Pattern in Patients With the Resting Impaired Relaxation. Cardiol Res 2011: 2: 139-149.


**Abstract Presentations:**


Lavine SJ. Imaging in Heart Failure: Case Presentation. Amelia Island Heart Failure Symposium. July 2011, Amelia Island, FL.

Lavine SJ. Imaging in Heart Failure; University of Florida Cardiology local updates, Bistro Aix, Jacksonville, September 2011.


Zenni MM. When Seconds Count: Why do I have to take so many pills?. SCAI. Community lecture.


Wilson RE, Kado HS, Strom JA, Box LC. Retrospective validation of an algorithm for field identification of ST elevation myocardial infarction patients by emergency medicine services using a STEMI Alert Clinical Tool. To be presented at the 2012 AHA QCOLR Meeting, Atlanta, GA. May 9-11, 2012.

**Book Chapters:**

Tello-Montolliu, Tomasello SD, Angiolillo DJ. Prasugrel in Antiplatelet Therapy in *Acute Coronary Syndrome and Atrial Fibrillation* edited by Serebruany V and Atar D. 2012 ISSN0065-2523/ eISSN1662-2829 2012 (in press).


Angiolillo DJ. Pharmacogenomics and Drug Monitoring in *1001 Questions: An Interventional Cardiology Board Review* edited by Debabrata Mukherjee, David J. Moliterno, Leslie Cho (Lippincott Williams & Wilkins 2012).


# CLINICAL ACTIVITIES

<table>
<thead>
<tr>
<th>Inpatient activity</th>
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<tr>
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<td>Observations</td>
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<td>Cardiac ultrasounds</td>
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<td>Cardiac rehab visits</td>
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*Attendings Only:
- Jacksonville Clinic = 7178
- Lake Shore = 1444
- Emerson = 517
- St Marys = 2948

---

# CONTRACTS AND GRANTS

GRANTS (includes only investigator initiated grants and overlapping period grants; sponsored research not included)

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<thead>
<tr>
<th>Principal Investigator</th>
<th>Study Title</th>
<th>Project Period</th>
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<td>Angiolillo, D</td>
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<td>Angiolillo, D</td>
<td>Effects of cigarette smoking on clopidogrel induced antiplatelet effects in patients with coronary artery disease</td>
<td>2010-2013</td>
<td>James and Esther King Biomedical Research Program</td>
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<td>Angiolillo, D</td>
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<td>2/05/10 -</td>
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<td>11/19/10-10/27/11</td>
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<td>Brigham and Women’s Hospital</td>
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<td>The Use of thromboelastopraphy to assess the thrombotic profile in patients on chronic anticoagulation therapy</td>
<td>9/6/11</td>
<td>Haemonetics Corp</td>
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<td>Box, L</td>
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<td>11/10/10</td>
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<td>Kim, R</td>
<td>AIGISRX</td>
<td>1/1/11</td>
<td>TYRX</td>
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DIVISION OF ENDOCRINOLOGY, DIABETES AND METABOLISM  
ACADEMIC YEAR 2012 (7/11 - 6/12)

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. 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.

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. Emad Naem, Dr. Mae Sheikh-Ali and Dr. Kent Wehmeier are the core clinical faculty. 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 the University of Florida Endocrinology and Diabetes clinic at Emerson Medical Plaza. The number and variety of consultations continue to ascend and the addition of dynamic testing at this location has enhanced the evaluation of adrenal and pituitary disease. Patients are also evaluated at the Shands Jacksonville Ambulatory Care Center (ACC). Endocrinology faculty performed analyses of 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.) The care of patients with parathyroid disease was broadened through utilization of fine needle aspirate parathyroid levels. Fine needle aspiration services continue to be provided by Dr. Chehade, Dr. Naem and Dr. Sheikh-Ali.

A unique collaboration with the University of Florida College of Medicine-Jacksonville’s Departments of Surgery, Radiology and Pathology has enhanced the care of patients with thyroid disease and facilitated the education of trainees. Through 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.

On the inpatient service, many more patients are served by endocrinology consultation. The division has 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. Derrick Pau in the Department of Ophthalmology and Dr. Robert Malyapa in the Department of Radiation Oncology 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. Clinical committees of Shands Jacksonville benefit from the participation and guidance of the Division of Endocrinology members.
**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 Program Director Dr. Wehmeier and Assistant Program Director Dr. Sheikh-Ali. Dr. Hagop Kojanian, from Jersey Shore University Medical Center and Dr. Anna Szafrań-Swietlik from New York Methodist Hospital joined the division July 1, 2011. They have been active clinically and participate in scholarly activity of the division including winning an award for poster presentation on UF Research Day. All four fellows have made substantive contributions to the clinical care, education and research missions of the division. Dr. Margaret Gladysz continues to evaluate employment options in Chicago as she prepares for her Board examinations and Dr. Sandra Mesliniene accepted a position at Cape Fear Valley Health System, Fayetteville, NC.

In residency education, Dr. Wehmeier continues as rotation coordinator 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.

The educational program of University of Florida medical students and physician assistant students is enhanced by Dr. Chehade, Dr. Naem, 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’s endocrinology grand rounds provides an avenue for speakers at UF Jacksonville, UF Gainesville and for community physicians to share knowledge and enhance collaboration between various disciplines at UF. The 2012 Update in Internal Medicine was another venue where 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 involvemnt 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 fifth 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. The performance of industry sponsored clinical trials continues to grow facilitated by Marinella Lipinski, the research coordinator of the Division.

**Philanthropy:** Division members have been the recipients of many gifts. In the spirit of giving back, members have contributed 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>
PUBLICATIONS


Book Chapters and Textbooks:


Activities, Presentations, Abstracts:
Chehade JM. How to establish an obesity unit. The FIRST Lebanese American University Conference Jointly held with The 12th International American Lebanese Medical Association Congress “Healthcare Beyond Borders”; Beirut, Lebanon, June 2012.

Sheikh-Ali M. HgbA1c-What is the Appropriate Target? University of Florida Internal Medicine Update 2012; Ponte Vedra Beach, FL, June 2012.


Jafri M, Wehmeier K, Haas MJ. Inhibition of endoplasmic reticulum stress by vitamin D in endothelial cells. Southern Regional AFMR; New Orleans, LA, February 2012.


Sheikh-Ali M. Updates and Management of Type 2 Diabetes. The 18th Annual Daytona Beach Diabetes Care Update; Daytona Beach, FL, November 2011.

Sheikh-Ali M. Updates in Obesity & Diabetes. Florida Chapter American College of Physicians Annual Scientific Meeting; St. Pete Beach, Florida, September 2011.

Chehade JM. Androgen Replacement in the Elderly. Florida Chapter American College of Physicians Annual Scientific Meeting; St. Pete Beach, Florida, September 2011.

Chehade JM. Testosterone Replacement in Aging Male. 10th Annual National American Lebanese Medical Association Conference in collaboration with the Lebanese Medical Universities "Advances in Medicine & Surgery"; Beirut, Lebanon, July 2011.

**CLINICAL ACTIVITIES**

<table>
<thead>
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<tr>
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<td>Initial IP Encounters</td>
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<td><strong>Outpatient Activity</strong></td>
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<td>Clinic Visits</td>
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<td>Thyroid Biopsies</td>
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**GRANTS AND CONTRACTS**

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<th>Total direct costs</th>
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<td>Emad Naem, M.D.</td>
<td>Acute Effect of Hookah Smoking on Hormonal and Metabolism Parameters: A Pilot Study</td>
<td>07/10-7/11</td>
<td>Deans Fund Research Award</td>
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<td>Mae Sheikh-Ali, M.D.</td>
<td>IOQC</td>
<td>9/10-3/13</td>
<td>Eli Lilly</td>
<td>48,000</td>
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<td>Sandra Mesliniene, M.D.</td>
<td>The diet soda effect on gut peptides, leptin and appetite after high fat/high carbohydrate content meal in healthy lean volunteers.</td>
<td>6/12-6/13</td>
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<td>Joe Chehade, M.D.</td>
<td>GBDD</td>
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<td>Eli Lilly</td>
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<td>Joe Chehade, M.D.</td>
<td>IOPZ</td>
<td>4/11-4/12</td>
<td>Eli Lilly</td>
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DIVISION OF GASTROENTEROLOGY
ACADEMIC YEAR 2012 (7/11 – 6/12)

Highlights

The Division of Gastroenterology had an outstanding 2011-2012 fiscal year despite the loss of the Humana Gold Contract. Clinically, the Division has significantly reduced patient wait list times at both campuses with patients now being able to be seen the same day at both campuses. Patient satisfaction surveys have improved at all campuses with the most significant improvement noted at the Emerson and Medical Partners practice. A direct referral system with a one phone number calling system has been implemented for endoscopic procedures including screening colonoscopy. Patients are now being accommodated for their procedures the same week as well as open access screening colonoscopy when requested. A direct referral system for primary care physicians has been in place for several months and has been very successful thus far. The IBD and Hepatology clinics have been reorganized to optimize patient care and enhance the trainees’ education. The fellowship curriculum has been restructured to provide competency based training and progression of a fellow’s responsibility based on master of these competencies. The fellowship program was fortunate to recruit its top 2 candidates during this year’s match and looks forward to another successful year. Our fellows received multiple awards including the Outstanding Research Award at UF Research Day. Dr. Scolapio chaired the Florida Gastroenterology Society Conference this past year and has served as a board member for the past 10 years including President in 2007. The research operation saw us acquiring new industry sponsored grants. Each key faculty member of the division has active roles and important responsibilities. Dr. James Scolapio serves as Chief and Program Director, Dr. Juan Munoz is Director of Endoscopy, Dr. Xiaoyu Li is Director of Hepatology and Research, Dr. Paul Sievert is the GI champion for quality improvement projects and Dr. Robert Bass is Director of Practice Management. Dr. Emely Eid will be joining the division in July 2012 making history as our first female staff female gastroenterologist. Dr. Eid’s clinical interests focus on IBD and GI malignancy. Shayla Spinner PA-C recently joined the GI division and her practice is primarily located at the Towers.

Patient Care: The patient care aspect of our academic mission is pursued at the following locations: inpatient consult service at Shands Hospital; inpatient and outpatient GI services at Baptist Beaches; inpatient and outpatient GI services at Southside and St. Vincent’s Hospital; two weekly IBD and Hepatology Clinics at both the 8th Street and Emerson campus; endoscopy services at both the Shands GI Lab and Medical Partners Emerson campus and general GI clinics at both the 8th Street and Emerson campuses. In addition to routine endoscopic procedures the following procedures are provided for our patients: high resolution esophageal manometry, BRAVO ph testing, capsule endoscopy, single balloon enteroscopy, infusion therapy with biologics for IBD patients and treatment and counseling for patients with viral hepatitis. Our goal going forward is to continue to improve patient access and overall quality of care and patient safety. Specific attention will focus on reduced patient wait times and improved systems to increase patient flow.

Education: Our 4 (ACGME listed) key faculty members of the division include Dr. Li, Dr. Munoz, Dr. Scolapio and Dr. Sievert. The division has a total of 6 fellows, 2 per year. We have been successful in obtaining a 100% first time pass rate on the GI boards by all fellows over the past 10 years. We have also consistently matched our top candidates. All fellows have participated in and completed quality improvement and research projects. Many of our fellows have been selected for research awards and presented their research at both state and national meetings. Education rooms at both the 8th Street and Emerson have been created with teleconferencing capability to enhance our fellows’ training. Our goal going forward will focus on competency based training with progression of a fellow’s clinical responsibility based on mastering of specific core competencies or milestones. Specific attention will also focus on the core competency of professionalism.
Research: Divisional research activities include basic and clinical studies on a variety of gastroenterology disease states. We have a basic molecular genetics lab lead by Dr. Xiaoyu Li, Director of GI Research. His research has been focused on interactions of host innate immunity and hepatitis C virus. Two new genes involved in interferon therapy and HCV replication were identified in his laboratory. His work was presented at regional, national and international conferences and published in high-quality peer-reviewed journals. Dr. Xiaoyu Li was invited to give speeches at international conferences and other universities. Other faculty members have published papers on a wide range of topics including Barrett's esophagus, IBD, liver diseases, pancreas diseases and nutrition. Our goal going forward is to increase the number and quality of extramurally funded studies. Specific attention will focus on mentoring our GI fellows on prospective hypothesis driven clinical studies.

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

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., Associate 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; 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 – Rochester, MN 1997

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


Presentations:

Li, X. Basic picorna virus: progress of treatment on hepatitis B and hepatitis C. Oral presentation at: Department of Microbiology, Harbin Medical University, Harbin, China. May 2012.


Li X. Mechanisms of hepatitis C treatment with interferon. Oral presentation at: Department of Microbiology. Harbin Medical University, Harbin, China. 2011 Aug.

Li, X. Interaction of interferon and hepatitis C virus. Oral presentation at: Department of Microbiology. Harbin Medical University, Harbin, China. 2011 Aug.

Li X. Viral Hepatitis. Progress of Viral Hepatitis. Oral presentation at: Department of Gastroenterology, Second University Affiliated Hospital. Harbin Medical University, Harbin, China. 2011 Aug.


Book Chapters and Monographs:


### CLINICAL ACTIVITIES

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<tr>
<td>Ravi Kottoor, M.D.</td>
<td>A Randomized, Double-blind, Placebo-Controlled Study to Investigate the Efficacy and Safety of GSK1605786A in the Treatment of Subjects with Moderately-to-Severely Active Crohn’s Disease</td>
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<tr>
<td>Ravi Kottoor, M.D.</td>
<td>A Double-Blind, Randomized, Placebo-Controlled, Dose-Ranging Study to Evaluate the Efficacy and Safety of PF-00547659 in Subjects with Crohn’s Disease who are Anti-TNF Inadequate Responders</td>
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<tr>
<td>Ravi Kottoor, M.D.</td>
<td>A Prospectively 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>
</tr>
<tr>
<td>Xiaoyu Li, M.D., Ph.D.</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>
</tr>
<tr>
<td>Xiaoyu Li, M.D., Ph.D.</td>
<td>A Randomized, Placebo-Controlled Dose-Ranging Study to Evaluate the Safety, Tolerability, and Efficacy of Different Regimens of MK-5172 When Administered Concomitantly with Peginterferon alfa-2b and Ribavirin in Treatment-Naive Patients with Chronic Genotype 1 Hepatitis C Virus Infection</td>
</tr>
<tr>
<td>Juan Munoz, M.D.</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>
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<tr>
<td>Juan Munoz, M.D.</td>
<td>A Phase 2, Randomized, Double-Blind, Placebo-Controlled, Dose-Ranging Study To Assess The Safety And Efficacy Of VP 20621 For Prevention Of Recurrence Of Clostridium Difficile Infection (CDI) In Adults Previously Treated For CDI</td>
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DIVISION OF GENERAL INTERNAL MEDICINE
ACADEMIC YEAR 2012 (7/11 - 6/12)

Highlights

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

Patient Care: The Division of General Internal Medicine is comprised of 12 members, including two chief medical residents. All full time faculty are certified by the American Board of Internal Medicine. Clinical care provided by members of the division includes the provision of inpatient care as the attendings for the four inpatient teaching services, outpatient care at three locations: Ambulatory Care Center at Shands Jacksonville, Faculty Clinic and 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 a busy outpatient practice and based on patient satisfaction, physicians in the group are considered excellent clinicians. In addition to the excellent physicians in the group, the outpatient primary care practices received NCQA Level I certification as a Patient Centered Medical Home. *JaxHATS (Jacksonville Health and Transition Services) Clinics* held on Tuesday and Thursday mornings continue to serve as a model primary care home for emerging adults with chronic illness and special healthcare needs. Dr. Linda Edwards, in conjunction with Dr. David Wood, a general pediatrician, have established this clinic for adolescents and young adults who are transitioning from their pediatricians to adult providers. Our geriatrician, Dr. Hsiao-Yen Kuo, serves as the medical director for Lakeside Nursing and Rehabilitation Center and developed a growing geriatric outpatient practice, seeing patients 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, the 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 Associate Program Director for the training program and is focusing his efforts in the ambulatory care arena. Dr. Alexandraki served as Clerkship Director for medical students from Gainesville who rotate on the Internal Medicine service (inpatient and outpatient). Drs. 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 served 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 been expanded to include subspecialty residents as well. Dr. Sottile continues to facilitate the Patient Centered Caring Communication sessions that are 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 serves as an integral part of the education program for 3rd and 4th year medical students from the University of Florida. Members of the division serve as preceptors for students in both the inpatient setting as 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 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 of GIM 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. Dr. Palacio is coordinating a number of quality improvement projects with the residents to look at access, show rates and whether preventive care and screening guidelines are being met.

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: Development of registries through EPIC and Allscripts will assist the division in meeting the needs of our patients and allow us to provide better care to them. As growth in the outpatient setting occurs, methods to ensure that quality care is rendered are critical. 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.

The division will have the opportunity to develop performance improvement initiatives that will lead to improved patient care and safety and result in the preparation of scholarly works. Faculty and resident involvement in these initiatives will be critical.

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>
<th>Post-graduate training and year</th>
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<tbody>
<tr>
<td>Irene Alexandraki, M.D., M.P.H., Associate Professor</td>
<td>Medical School / Graduation date</td>
<td>University of Athens, Greece</td>
<td>Hahnemann University Hospital</td>
<td>Baylor College of Medicine (Infectious Disease)</td>
<td>University of North Florida (Masters in Public Health)</td>
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<tr>
<td>Linda Edwards, M.D., Associate Professor, Associate Chairman and Division Chief</td>
<td>Medical School / Graduation date</td>
<td>East Carolina University</td>
<td>Jacksonville Health Education Programs</td>
<td>1989</td>
<td>1981</td>
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<tr>
<td>Malcolm Foster, M.D., Adjunct Professor</td>
<td>Medical School / Graduation date</td>
<td>Bowman Gray School of Medicine</td>
<td>University of Florida, Gainesville</td>
<td>University of Florida, Gainesville (Infectious Disease)</td>
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<td>Alan Halperin, M.D., Professor</td>
<td>Medical School / Graduation date</td>
<td>University of Kansas</td>
<td>University of Wisconsin</td>
<td>1971</td>
<td>1974</td>
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</tbody>
</table>
### Jeffrey House, D.O., Assistant Professor
- **Medical School / Graduation date**: Nova Southeastern College of Osteopathic Medicine 1997
- **Internship/residency and year**: University of Florida – Jacksonville 2001

### Hsiao-Yen Kuo, M.D., Assistant Professor
- **Medical School/Graduation date**: Institute of Medicine II, Myanmar 1999
- **Internship and year**: Wyckoff Heights Medical Center 2007
- **Residency and year**: Unity St. Mary's Campus 2009
- **Subspecialty training and year**: University of Florida (Geriatrics) 2010

### Ghania Masri, M.D., Assistant Professor
- **Medical School / Graduation date**: Damascus University, Syria 1989
- **Internship and year**: Cleveland Clinic Foundation 1992
- **Residency and year**: Case Western Reserve University 1994

### Carlos Palacio, M.D., M.P.H., Associate Professor
- **Medical School / Graduation date**: University of Miami 1993
- **Internship/residency and year**: University of Florida, Jacksonville 1997
- **Post-graduate training and year**: University of North Florida (MPH, Master of Public Health) 2007

### Pramod Reddy, M.D., Assistant Professor
- **Medical School / Graduation date**: Sri Dev Raj Urs Medical College, India 1992
- **Internship/residency and year**: Stony Brook University Hospital 2000

### 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:**


House J. Questions for COPD chapter In: MKSAP for Students 5. 2011

Monographs:


**General Internal Medicine**

**Division Chief: Linda Edwards, MD**

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**Publications:**


Vega KJ, Langford-Legg T, Palacio C, Watts J, Jamal MM. Females without reflux symptoms or GERD have less distal esophageal acid exposure than males without reflux symptoms or GERD. In: *Dis Esophagus* 2012.


Abstracts/Posters:


HONORS AND AWARDS

Irene Alexandraki, M.D. University of Florida Exemplary Teacher Award 2012
Linda Edwards, M.D. Hanson Professorship of Medicine
University of Florida Exemplary Teacher Award 2012
Malcolm Foster, M.D. President, Florida Georgia Blood Alliance
Board of Directors, ACP Foundation, Vice-Chairman
University of Florida Exemplary Teacher Award 2012
Alan Halperin, M.D. Chair, Institutional Review Board, UF & SJMC
Jeff House, D.O. University of Florida, Department of Medicine Excellence in Teaching Award 2012
University of Florida Exemplary Teacher Award 2012
Ghania Masri, M.D. University of Florida, Department of Medicine Excellence in Teaching Award 2012
Pramod Reddy, M.D. University of Florida, Department of Medicine Excellence in Teaching Award 2012

CLINICAL ACTIVITIES

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CONTRACTS AND GRANTS

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<td>Scheidel Foundation</td>
<td>Alan Halperin, M.D.</td>
<td>12,710.60</td>
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Highlights

The Division of Hematology and Medical 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, medical students, pharmacy and nursing in inpatient and outpatient settings. Dr. Rana coordinated a free Community Health Fair at the Islamic Center in collaboration with Association of Physicians of Pakistani Descent of Northeast Florida providing flu shots, advice regarding diabetes, stroke, hypertension, drug abuse, HIV, breast cancer, prostate cancer and colon cancer. Dr. Rana also hosted a free Breast Cancer Awareness Program at Islamic Center of Northeast, Florida. She was the main speaker on public health awareness at the Hyatt Regency with Dr. Masood. Dr. Latif continues to provide community service at the Islamic Center through We Care Clinic in Jacksonville, FL to poor and uninsured patients. The Oncology Division hosted our first Oncology Pharma Expo with much success and we will continue to host quarterly.

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 and is an active member of cancer committee. 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 the Multispecialty GI Cancer Program and he is working very closely with proton beam. Dr. Naeem Latif established the Head and Neck Multidisciplinary program with ENT and Radiation Oncology. Drs. Rana, Zaiden, Pham and Latif are all involved in the teaching of the residents and fellows. Three faculty members from our department received University of Florida Exemplary Teacher Awards.

Patient care: The division provides clinical operations at UF College of Medicine-Jacksonville campus, CB McIntosh Center and Emerson Medical Plaza. All of our faculty members are Board Certified Medical Oncologist. The division continues to work closely with Radiation Oncology and Surgical Oncology leadership, and central administration of the UF College of Medicine-Jacksonville, to coordinate the divisional mission with growth and development of the Jacksonville Hematology/Oncology program providing multimodality care for oncology patients. This year we have already seen a 7.6% increase in Analytic cases data received from Tumor Registry.

Education: The medical oncology fellowship has remained strong, and has 100% match rate, with 2 positions filled for 7/2012. Our fellowship program has been granted accreditation for 5 years. All graduating fellows have jobs lined up for 7/2012. Fellows published 3 manuscripts and one abstract. The division continues to support the Internal Medicine Residency Program through facilitation of night float rounds and noon conference core curriculum. The division offers a consult experience in hematology and oncology to residents at all training levels. Fellows have opportunities to contribute to weekly didactic lecture series. Our monthly Journal Club generates discussion on various topics and keeps us up to date with the latest advances in hematology and oncology.

Research: The Division of Hematology/Oncology is currently conducting 9 clinical trials, four of which opened during the current grant year. We are planning to start 3 new trials in near future. We are currently enrolling in our first trial with a cooperative group - NCCTG/ALLIANCE. There are a total of seven participants enrolled in this joint effort on the N10C1 trial (Mayo-1, UF-6). Dr. John Vu, Oncology Fellow, had an abstract accepted for poster presentation during the University of Florida College of Medicine-Jacksonville Research Day 2012 entitled, “Outcome Data for Patients with Colorectal Cancer...”
Treated with Adjuvant Chemotherapy at a Single Academic Institution.” Our site was involved in the COMFORT-I clinical trial which lead to the FDA approval of the first and only medication to treat intermediate or high-risk Myelofibrosis. Jakafi™ (ruxolitinib) became commercially available in December 2011. The Palliative Liaison Pilot Study (PAL-II) to improve patients’ quality of life, in collaboration with Mayo clinic, was a monumental success. We have received and accepted a request by Mayo to partner with them again on the upcoming PAL-IV study. Additionally, we have been grandfathered into the ALLIANCE cooperate group, as an affiliate site, which merged ACOSOG, CALGB, and NCCTG.

LISTING OF FACULTY MEMBERS

Fauzia Rana, M.D., Assistant Professor and Division Chief
Medical School / Graduation date  Fatima Jinnah Medical College  1982
Internship/residency and year  University of Rochester New York  1990
Subspecialty training and year  Dana Farber Deaconess Hospital/Harvard  1993

Naem Latif, M.D., Assistant Professor
Medical School / Graduation date  Ayub Medical College, Abbottabad, Pakistan  1993
Internship/residency and year  University of Pittsburgh Pennsylvania  2004
Subspecialty training and year  University of Florida Jacksonville  2010

Dat Pham, M.D., Assistant Professor
Medical School / Graduation date  University of Florida Jacksonville  1997
Internship/residency and year  University of Florida Jacksonville  2000
Subspecialty training and year  University of Florida Jacksonville  2002

Robert Zaiden, M.D., Assistant Professor
Medical School / Graduation date  University of St. Matthews  2003
Internship/residency and year  University of Florida Jacksonville  2007
Subspecialty training and year  University of Florida Jacksonville  2009

PUBLICATIONS


Abstracts:

Monographs:

Presentations:
Rana F. HIV and Cancer. Oral presentation at: Updates in Internal Medicine; Ponte Vedra Beach, FL, June 2012.
Rana F. Prof. Nabiha Hassan Memorial Lecture. Medical Education Conference. Fatima Jinnah Medical College; Lahore, Pakistan, March 16 2012.
Latif N. Unusual case renal cell carcinoma with ocular metastasis. Poster presentation by Dr. Ramlal at: American College of Physicians Chapter Annual Meeting; Orlando, FL, February 2012.
Ibrahim EL, Rana F, Johnson K, White R. Assessment of iron deposition in the heart in sickle cell patients using 3.0 Tesla cardiovascular magnetic resonance. http://www.jcmr-online.com/content/14/S1/P194. Poster presentation at: 15th Annual SCMR Scientific Sessions; Orlando, FL, USA, February 2012.
Rana F. Moderator at: 17th Annual Multidisciplinary Symposium on Breast Disease; Amelia Island, FL, February 2012.

HONORS AND AWARDS
Dat Pham, M.D. University of Florida Exemplary Teacher Award 2012
Fauzia Rana, M.D. University of Florida Exemplary Teacher Award 2012
Robert Zaiden, M.D. University of Florida Exemplary Teacher Award 2012
CLINICAL ACTIVITIES

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CONTRACTS AND GRANTS

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<th>Project Period</th>
<th>Sponsor</th>
<th>Award Amount</th>
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<tr>
<td>Fauzia Rana, M.D.</td>
<td>AN OPEN LABEL ASSESSMENT OF SAFETY AND EFFICACY OF RUXOLITINIB (INCB018424-258) IN SUBJECTS WITH PRIMARY MYELOFIBROSIS</td>
<td>08/12/11 - 09/28/12</td>
<td>Incyte Corporation</td>
<td>$4,000.00</td>
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<tr>
<td>Fauzia Rana, M.D.</td>
<td>A RDMZD. DLB0-BIND, PLACEBO CONTROLLED STUDY OF THE JAK INHIBITOR INCB018424-351 TABLE ADMIN ORALLY TO SUBJECTS WITH PRIMARY Myelofibrosis</td>
<td>05/27/09-07/09/12</td>
<td>Incyte Corporation</td>
<td>$16,753.00</td>
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<td>Fauzia Rana, M.D.</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>05/14/08-04/08/12</td>
<td>Millennium Pharmaceutical</td>
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<td>Fauzia Rana, M.D.</td>
<td>AN OPEN LABELED ASSESSMENT OF AN ALTERNATIVE DOSING STRATEGY OF RUXOLITINIB IN A PATIENT WITH PRIMARY MYELOFIBROSIS (18424-261)</td>
<td>02/06/22-01/11/13</td>
<td>Incyte Corporation</td>
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<td>Dat Pham, M.D.</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>04/23/07-06/20/12</td>
<td>GlaxoSmithKline Biologicals, S.A. (GSK)</td>
<td>$16,813.00</td>
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<td>Fauzia Rana, M.D.</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>02/28/11-12/14/12</td>
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<td>Fauzia Rana, M.D.</td>
<td>THE CHRONIC LYMPHOCYTIC LEUKEMIA DISEASE REGISTRY</td>
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<td>Celgene</td>
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<td>Fauzia Rana, M.D.</td>
<td>CONNECT MM: THE MULTIPLE MYELOMA DISEASE REGISTRY</td>
<td>03/20/11-03/28/12</td>
<td>Celgene</td>
<td>$3,744.00</td>
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Highlights

The Division of Infectious Disease continued its clinical and academic missions during this past year. The division is comprised of 3 University based infectious disease consultants, all of whom are dually boarded in internal medicine and infectious disease; 1 nurse research coordinator and 1 travel medicine nurse. An additional 10 community based boarded infectious disease physicians and a doctoral level microbiologist are actively involved in various aspects of the fellowship training program.

The division provides inpatient clinical consultation in infectious disease 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 disease research. The division maintains an ACGME accredited Infectious Disease fellowship training program and actively participates in the training of internal medicine residents and medical students in inpatient and outpatient infectious disease. 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 had 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 Core Internal Medicine Residency.

Patient care:

University ID Division inpatient and hospital based activity: The division provides full time inpatient infectious disease consultation throughout the Shands/Jacksonville Hospital system. During the 2011-2012 academic year, the division performed over 500 inpatient infectious disease consultations with subsequent follow-up at Shands Hospital.

Outpatient services: The division offers outpatient ID consultation by referral at the Emerson and the Towers Medicine subspecialty clinics. During the 2011-12 academic year there were over 550 outpatient ID consultative visits.

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 2011-12 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 as regular attendees. This academic year faculty gave presentations at 4 UF Grand Rounds and 2 topical lectures at the Internal Medicine Annual Update.

Fellowship Training: The division maintains an ACGME accredited Infectious Disease Fellowship 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
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.

Our Infectious Disease fellows continue distinguishing themselves through maintaining a 100% ID boards pass rate and achieving successful employment as full time Infectious Disease consultants in a variety of metropolitan areas including San Francisco, Atlanta, Tampa and here in Jacksonville.

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 disease consultative service.

ID Division Conference Schedule: The division maintained a full conferencing schedule with topics including: core infectious disease topics, 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 5 journal articles published in peer reviewed journals.

LISTING OF FACULTY MEMBERS

**Christina Bailey, M.D., 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, M.D., 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
Community Teaching Faculty:

**Mayo Clinic – Transplantation ID**
- Michael Keating, M.D.
- Walter Hellinger, M.D.
- Julio Mendez, M.D.
- Salvatore Alvarez, M.D.
- Lisa Brumbacker, M.D.
- Wendy Bosch, M.D.

**Wolfson Childrens’ Hospital – Pediatric ID**
- Ana Alvarez, M.D.

**Duval County Health Department – Communicable Diseases Clinics**
- Levonne Mitchell-Samon, M.D.
- Wilfredo Sanchez, M.D.
- Jeffrey Lauer, M.D.

**Microbiology Laboratories**
- Yvette McCarter, Ph.D.
- Sharon Crowe, B.S., M.S.

**PUBLICATIONS**

**Monographs:**

**Journal Publications:**


### CLINICAL ACTIVITIES

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### GRANTS AND CONTRACTS

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<td>Michael Sands, M.D.</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>
<td>9/1/09-5/31/13</td>
<td>INSIGHT</td>
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<td>Michael Sands, M.D.</td>
<td>START – Strategic timing of antiretroviral therapy – A multi-national study, NIH – INSITE network</td>
<td>12/1/10-5/31/13</td>
<td>INSIGHT</td>
<td>$13,185</td>
</tr>
<tr>
<td>Nilmarie Guzman, M.D.</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>
<td>10/23/08-10/6/13</td>
<td>ViIV Healthcare (formerly Pfizer)</td>
<td>$46,663</td>
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</table>
Highlights

In the 2011 – 2012 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 Dialysis Clinic, Inc. (DCI) at the Gateway Unit has continued to expand the hemodialysis patient population and peritoneal dialysis services have begun at that site. In education, the Nephrology fellowship continued to thrive, and Dr. Leighton James continued to direct 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 in 2012, with grant support from DCI.

Dr. James was an invited speaker at the Southern Salt, Water and Kidney Club (SSWKC) meeting. Dr. Ashwani Gupta, with a clinical research interest in dialysis, has developed roles in 3 clinical dialysis research trials, i.e. 2 national trials and one local trial, with topics including membranous glomerulonephritis, Cytopherx treatment to improve outcomes from sepsis, and modeling of anemia management in hemodialysis patients. The laboratory of Dr. Charles Heilig continued with funded basic research studies into the pathogenesis of diabetic and nondiabetic glomerulosclerosis in mice. Dr. Heilig was an invited speaker at the SSWKC meeting, at Winthrop-University Hospital, and at Brown University, Rhode Island Hospital. Dr. Andreea Poenariu recently joined the Nephrology faculty from her training at Brown University, Rhode Island Hospital, where she was involved in peritoneal dialysis research. She plans to continue her research at the University of Florida College of Medicine-Jacksonville. Fellows and faculty attended and participated in meetings of the American Society of Nephrology, the American Federation for Medical Research, the National Kidney Foundation, a national Home Dialysis Educational Seminar, the Update in Nephrology & Hypertension 2012 symposium 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 with both hemodialysis and peritoneal dialysis services at that site. The Gateway Dialysis Unit has 24 hemodialysis chairs and more than 60 patients. The total chronic dialysis population cared for by UFCOM-J Nephrologists has reached approximately 300 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 Clinics, the Correctional Facility Clinic and an associated Vascular Access/Teaching Clinic available for fellow participation, located in the Dept. of Surgery. The inpatient Nephrology Consult Service continued with a high level of activity and a daily census of approximately 25-45 patients. This service continues to provide an important educational platform for fellows and medical residents. Dr. Ashwani Gupta was recently was appointed as Medical Director of Dialysis Services, and began work last year 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 have been recognized toward goals of the Fistula First Program. The acute renal transplant program at Shands Jacksonville came to an end in 2011; however, the Chronic Renal Transplant Clinic and hospital services for chronic renal transplant patients continue, with physician services provided by the Division of Nephrology.

Education: Dr. Leighton James, Associate Professor of Medicine, initiated the fellows’ Renal Physiology Course in 2010, which continues as an important addition to the educational experience. He has also
been Nephrology Fellowship Assistant Program Director since 2011. The joint Renal Pathology conference with Mayo Clinic 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 2012 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 the spring of 2013. Visiting professors Dr. Leopoldo Raij, Dr. Stanley Nahman and Dr. Susan Quaggin 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 mouse models for renal glomerular disease were provided by Dr. Heilig and Dr. James. The Mayo Renal Transplant Rotation for UF-Jacksonville Nephrology Fellows continued successfully and complements the Nephrology training program at UF & Shands Jacksonville.

**Research:** The topics of research studies in the Division of Nephrology spanned from anemia management and sepsis treatment in dialysis patients, to glucose transporter and growth factor roles in diabetic renal disease, nondiabetic glomerular disease and renal transplant rejection.

An important accomplishment this last year was the recruitment of Dr. Andreea Poenariu to work on her peritoneal dialysis and outcomes research. 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. Dr. James’ laboratory focuses on growth factors in the pathogenesis of diabetic nephropathy. Dr. Xiang focuses on ion transport systems, particularly Na+/H+ Antiporters and their potential involvement in disease. Dr. Gupta focuses on research in anemia management of ESRD, dialysis access hemodynamics, and sepsis in acute renal failure. Dr. Mars’ current research focuses on the dynamics of the hemodialysis procedure and improvements which may lead to cost–saving measures.

The Nephrology fellows (and Medicine residents) participated in clinical research studies and in the basic science laboratory as part of their research training. Fellows also attended and participated in research activities at the American Society of Nephrology Meeting, the AFMR Meeting and the National Kidney Foundation Meeting.

The Nephrology Division produced 6 publications in peer-reviewed research journals, 1 abstract, and 6 presentations this academic year.

**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 by 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 directs this important activity which helps to fulfill the ACGME – required competency requirements.

**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.

**Fistula First Initiative:** Faculty and fellows continue to participate in this QI and patient safety initiative, aimed at improving patient outcomes on hemodialysis.
Faculty Recruitment: Dr. Andreea Poenariu was hired on August 1, 2012 as Assistant Professor of Medicine from her training program at Brown University, Rhode Island Hospital. Dr. Poenariu is involved in peritoneal dialysis- and outcomes research which she will continue at UFCOM-J.

LISTING OF FACULTY MEMBERS

Charles Heilig, M.D., Professor, Division Chief
Medical School / Graduation date University of Minnesota 1984
Internship/residency and year Mayo Clinic Rochester 1987
Subspecialty training and year Brigham and Women's Hospital, Harvard Medical School 1990

Ronald Mars, M.D. Associate Professor
Medical School / Graduation date St Louis University 1972
Internship/residency and year Emory University 1976
Subspecialty training and year Emory University 1978

Leighton James, M.D., Associate Professor
Medical School / Graduation date University of Toronto 1994
Internship/residency and year University of Toronto 1997
Subspecialty training and year University of Toronto 1999

Ashwani Gupta, M.D., Assistant Professor
Medical School / Graduation date All India Institute of Medical Sciences 2003
Internship/residency and year Michigan State University 2008
Subspecialty 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

Buller C, Heilig C, Brosius F. GLUT1 Enhances mTOR Activity Independently of TSC2 and AMPK. Am J Physiol (Renal Physiol) 2011; 301(3): F588-96.


Abstracts:


Presentations:
Heilig C. Diabetic Nephropathy and a Role for Glucose Transporters. Oral presentation at: Winthrop-University Hospital, Mineola, NY. January 2012.

Heilig C. Roles for Glucose Transporters and MGF in Renal Disease. Oral presentation at: Brown University School of Medicine, Rhode Island Hospital, RI. May 2012.


HONORS AND AWARDS

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<thead>
<tr>
<th>Name</th>
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<tr>
<td>Ashwani Gupta, M.D.</td>
<td>Exemplary Teacher Award, UFCOM-J</td>
<td>2012</td>
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<td>Charles Heilig, M.D.</td>
<td>Invited Speaker: Winthrop-University Hospital.</td>
<td>2012</td>
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<tr>
<td>Charles Heilig, M.D.</td>
<td>Invited Speaker, Brown Univ. &amp; Rhode Island Hospital</td>
<td>2012</td>
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<td>Charles Heilig, M.D.</td>
<td>Researcher/Scholar of the Year, UFCOM-J</td>
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CLINICAL ACTIVITIES

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<td>Outpatient dialysis visits (full month)</td>
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CONTRACTS AND GRANTS

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<th>Project period</th>
<th>Sponsor</th>
<th>Total direct costs</th>
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<td>Heilig, C</td>
<td>Mechanisms of GLUT 1-induced Glomerulosclerosis (projects C-2957 and C-3000)</td>
<td>10/08 – 10/12</td>
<td>Dialysis Clinics, Inc.</td>
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<td>Heilig, C</td>
<td>Roles of GLUT1 &amp; Glucose in the Progression of Nondiabetic Glomerulosclerosis</td>
<td>2/12 – 2/15</td>
<td>Dialysis Clinics, Inc.</td>
<td>$384,854</td>
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<td>Heilig, C</td>
<td>Update in Nephrology &amp; Hypertension - 2012</td>
<td>3/12</td>
<td>Dialysis Clinics, Inc.</td>
<td>$20,000</td>
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<td>Xiang, M</td>
<td>Role of Novel Na+/H+ Antiporters in Essential Hypertension</td>
<td>7/10 – 6/14</td>
<td>American Heart Association</td>
<td>$280,000</td>
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</table>
**Highlights**

The Division of Pulmonary, Critical Care and Sleep Medicine had continued growth with Dr. Lisa Jones and Dr. Faisal Usman and continues with a full complement of six fellows in training. 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 and have passed their board certification examinations. Clinically we have expanded to initiate navigational bronchoscopy in addition to last year’s cardiopulmonary exercise testing and medical thoracoscopy, adding it to the list of vast interventional pulmonary services provided by our division. Academically, the division continues to be productive in the areas of clinical and original research and publications. Dr. Bajwa was elected as the Vice President of South East Thoracic Association. The fellows under the mentorship of faculty are engaged in a number of clinical studies. The division had a number of abstracts presented in national and international conferences and was represented in various regional meetings in the form of providing educational lectures.

**Patient care:** Division faculty staffs a number of specialized and general pulmonary clinics. The Asthma Clinic under the supervision of Dr. Cury is part of the American Lung Association Asthma Clinical Research Network. Through this clinic, Dr. Cury is now involved in a number of clinical trials in the arena of asthma treatment.

Pulmonary Hypertension Clinic continues to be a regionally known referral center with patients being referred from regions all over the east coast. As a member of the Pulmonary Hypertension Association, it continues to be a center of excellence. The clinic currently manages approximately 170 pulmonary hypertension patients. With the addition of Dr. Shujaat, we have expanded the clinic to 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 much more closely.

Under Drs. Jones and Usman, the division initiated an Interstitial Lung Disease and Sarcoidosis Clinic to enhance patient care and research in this field.

The fellows’ 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. In addition to pleuroscopy the division now offers navigational bronchoscopy for not only diagnostic purposes but also for placement of fiducial markers for radiation and thoracic surgery. Dr. Bajwa has also started performing endobronchial valve placement for prolonged air leaks to help with reduction of hospital length of stay related to this diagnosis.

The division, under the leadership of Drs. Bajwa and Jones is spearheading efforts to initiate an institute wide severe sepsis and septic shock recognition and management protocol. Dr. Jones is the recipient of a $25,000 Clinical Quality Award grant to evaluate the implementation and monitoring of this protocol and its impact on outcomes.

The division expanded its presence at the Emerson clinic location with Drs. Jones and Usman. The inpatient pulmonary consult service continues to be busy and with the continued evolution of the bronchoscopy suite, the number, efficiency and timeliness of bronchoscopic procedures offered by the division were enhanced.
Education: At a regional level the division gained recognition with the appointment of Dr. Bajwa as Vice President of South East Thoracic Association affiliated with American Lung Association. The organization conducts state-of-the-art educational conferences twice per year (the Pulmonary Winter Course and the Tri-State Conference), which are well attended by participants from the region of Florida, Georgia and South Carolina.

The division continues to play an active role in the educational core lecture series including Grand Rounds and Updates in Internal Medicine 2012. 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 the Teacher of the Year Award. Dr. Shujaat was awarded the residents’ Teacher of the Year Award.

The Pulmonary and Critical Care Fellowship Program, under the direction Program Director Dr. Cury, has been doing extremely well. The four fellows who took the board certification exam in pulmonary disease all passed. Dr. Shujaat continues to be Assistant Program Director and, along with Dr. Cury, is responsible for coordinating the educational activities for the fellowship. 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 continues to mentor and supervise family medicine residents from the Navy Residency Program during their rotation in the Medical Intensive Care Unit and have always received 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 nurse practitioners preparing to be a part of the Neuro-Critical Care Program.

Research: The division has been very successful in obtaining and continuing its clinical research trials along with funded research. The funded research includes Dean’s grants and investigator initiated trials.

The number of internal unfunded clinical research protocols has also increased substantially resulting in quality abstracts being presented at national and international meetings.

The division now has a dedicated clinical research coordinator (Minal Patel) which has enabled the division to participate in more hospital based clinical research protocols.

The faculty had an increasing number of publications in peer review journals and a number of manuscripts are 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

<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>
<th>Year</th>
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<tbody>
<tr>
<td>Abubakr Bajwa, M.D., Assistant Professor and Division Chief</td>
<td>Abubakr Bajwa, M.D., Assistant Professor and Division Chief</td>
<td>King Edward Medical College</td>
<td>University of South Dakota</td>
<td>Mayo Graduate School of Medicine</td>
<td>1998</td>
</tr>
</tbody>
</table>
PUBLICATIONS

Girdhar A, Usman F, Bajwa AA. Aspiration of capsule endoscope and successful bronchoscopic extraction. AA. Accepted pending publication. J Bronch & Interven Pulmonol. 2012.

Girdhar A, Bajwa AA, Cury JD, Usman F. A rare cause of hypoxia in a patient with liver cirrhosis. Accepted pending publication. Resp Med Case Reports 2012.


Abstracts and Presentations:


HONORS AND AWARDS

Adil Shujaat, M.D. Internal Medicine Teacher of the Year Award 2012

CLINICAL ACTIVITIES

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<td>Inpatient activity</td>
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<td>Initial IP Encounters</td>
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<td>Clinical Visits</td>
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CONTRACTS AND GRANTS

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<th>Study Title</th>
<th>Project Period</th>
<th>Sponsor</th>
<th>Award Amount</th>
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<tr>
<td>Abubakr Bajwa, M.D.</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>9/17/09-9/29/13</td>
<td>Actelion</td>
<td>$57,874.00</td>
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<td>Abubakr Bajwa, M.D.</td>
<td>AMBITION. A randomized controlled trial to evaluate first-line combination use with ambrisentan, and tadalafil, a PDE5 inhibitor, in patients with PAH.</td>
<td>10/5/10-10/15/14</td>
<td>Gilead</td>
<td>$14,537.00</td>
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<td>Abubakr Bajwa, M.D.</td>
<td>A Phase 3, Double-Blind, Multicenter, Randomized, Placebo-Controlled Trial Evaluating Repeated Courses of Aztreonam for Inhalation Solution in Subjects with non-CF Bronchiectasis and Gram-Negative Endobronchial Infection (AIR-BX2).</td>
<td>6/13/11-7/11/13</td>
<td>Gilead</td>
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<td>Abubakr Bajwa, M.D.</td>
<td>An open label study to evaluate impact of inhaled treprostinil Sodium on ventilation perfusion matching when used for treatment of pulmonary hypertension and concomitant chronic obstructive pulmonary disease (COPD). United Therapeutics Investigator Initiated Study Grant.</td>
<td>7/29/11-10/25/13</td>
<td>United Therapeutics</td>
<td>$194,116.00</td>
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<td>Abubakr Bajwa, M.D.</td>
<td>Non-Invasive cardiac output monitoring for evaluation of pulmonary hypertension.</td>
<td>11/17/11-11/17/12</td>
<td>Deans' Grant</td>
<td>$10,000.00</td>
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<td>Lisa M Jones, M.D.</td>
<td>Implementation of a protocol, for early identification and management of sepsis, severe sepsis/septic shock patients - An institution wide multidisciplinary collaborative.</td>
<td>7/6/12-7/6/13</td>
<td>Clinical Quality Award Grant</td>
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<td>Abubakr Bajwa, M.D.</td>
<td>A Postmarketing Observational Study to Assess Respiratory Tract Adverse Events in Pulmonary Arterial Hypertension Patients Treated with Tyvaso® (treprostinil) Inhalation Solution (ASPIRE)</td>
<td>3/6/12-5/9/14</td>
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<td>Abubakr Bajwa, M.D.</td>
<td>Phase 3 study of efficacy and safety of Pirfenidone in idiopathic pulmonary fibrosis. (ASCEND).</td>
<td>9/20/11-10/14/13</td>
<td>Intermune</td>
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<td>Abubakr Bajwa, M.D.</td>
<td>A 16-Week, International, Multicenter, Double-Blind, Randomized, Placebo-Controlled Comparison of the Efficacy and Safety of Oral UT-15C Sustained Release Tablets in Subjects with Pulmonary Arterial Hypertension on background therapy.</td>
<td>4/6/10-4/21/12</td>
<td>United Therapeutics</td>
<td>$23,318.75</td>
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</table>
DIVISION OF RHEUMATOLOGY AND CLINICAL IMMUNOLOGY
ACADEMIC YEAR 2012 (7/11 - 6/12)

Highlights

The Division of Rheumatology and 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 University of Florida College of Medicine–Jacksonville (UFCOM-J) 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.

The division successfully inaugurated the first Rheumatology Fellowship Training Program at the UFCOM-J. This training program will allow us to retain our highly trained physicians and provide more rheumatologists to face the expanding shortage of rheumatologists in the present and future. Meanwhile, we continue to work with other training programs and the GME office at UFCOM-J in order to provide mentoring and teaching for many students and residents who are interested in our specialty. The division organized the third extremely successful CME Musculoskeletal Ultrasound Training Course. It was also successful in competing and holding the American College of Rheumatology Intermediate Ultrasound Course which was attended by rheumatologists from all over the world.

Dr. Ghaith Mitri resigned from the Division in April 2012. His efforts to build the division are very much appreciated. Despite the reduction in faculty members, we maintained our clinical volume, growth and hard-work by maintaining our publications and outpatient visits compared to last year. Our faculty members were featured in local, national and international professional meetings, served on expert advisory boards and as professional journal reviewers and participated 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 inpatient and outpatient settings.

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

Currently, the division is planning an expansion by recruiting more faculty members. However, the backbone to our success is the loyal and hardworking staff at our clinics, hospital and administrative offices.

Patient care: We provided care for 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 forefront of providing very up-to-date rheumatology services and 24/7 consultations at Shands Jacksonville, the Ambulatory Care Center clinic and our dedicated outpatient clinic on Emerson Street. The division also provides musculoskeletal ultrasound services related to rheumatologic care both for inpatient and outpatient settings.

In the outpatient setting, we provide full rheumatology coverage from Monday to Friday, where we provide diagnostic musculoskeletal ultrasound and musculoskeletal procedures under ultrasound guidance. 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 UFCOM-J, we always strive for excellence in our practice.

**Education:** Education is one of the main missions at the UFCOM-J. 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.

The Rheumatology Fellowship started in July 2011 with Dr. Manish Relan as the first fellow. Under the leadership of Dr. Kaeley and Dr. Pappa and under the direction of the Graduate Medical Education office, the program continues to be strengthened. It provides a strong clinical focus as well as many opportunities in clinical research and quality improvement, as well as musculoskeletal ultrasound.

In the educational program of the University of Florida medical students and residents, Dr. Pappa, Dr. Kaeley, and Dr. Mitri participated in precepting clinics in rheumatology and delivered core curriculum lectures for the Internal Medicine Residency Program. All rheumatology faculty members participated in internal medicine grand rounds and shared the knowledge of their invited rheumatology speakers on a regular basis.

The third Musculoskeletal Ultrasound Course in February 2012 was a great success. This was a 3-day CME hands-on training course that uniquely utilized our state-of-the-art simulation laboratory. Dr. Kaeley and Dr. Pappa organized the course as well as served as faculty providing lectures and practical ultrasound instruction. The course was attended by rheumatology educators and fellows from 28 States. The division successfully competed for and held the inaugural American College of Rheumatology Intermediate Course in June 2012 in Jacksonville, FL. Dr. Kaeley and Dr. Pappa were part of an international faculty panel. The course drew attendees from United States, Canada, Turkey, Saudi Arabia, Quatar, United Arab Emirates, India, Japan, and Australia. The attendees were very complimentary of the innovative cadaver based curriculum held in the UFCOM-J CSESaR simulation center. The division is grateful for the hard work of the simulation staff in making the courses such a success.

ELEARNING is an entrepreneur unique project pioneered by Dr. Pappa and Dr. 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**

**Gurjit S Kaeley, M.B.B.S., Associate Professor**

<table>
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<tr>
<th>Medical School/Graduation date</th>
<th>University of Tennessee College of Medicine</th>
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**Ghaith Mitri, M.D. M.M.M., Assistant Professor and Division Chief**

<table>
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<th>Medical School/Graduation date</th>
<th>Damascus University School of Medicine</th>
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<td>Scranton Temple University</td>
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<td>Subspecialty training and year</td>
<td>University of Pittsburg School of Medicine</td>
<td>2001</td>
</tr>
<tr>
<td>Post-Graduate Training and year</td>
<td>Marshall School of Business, USC</td>
<td>2007</td>
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</table>
Chrysoula 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


Activities, Presentations and Abstracts:
Kaeley GS. GRAPPA Sonographic Dactylitis Initiative. GRAPPA (Group for Research and Assessment of Psoriasis and Psoriatic Arthritis) Annual Meeting; Stockholm, Sweden, June 2012.


Kaeley GS. Use of Sonography in Rheumatology Practice. Tennessee Rheumatology Society Ultrasound Training Course; Nashville, TN, May 2012.

Chandrasekharan C, Relan M. Giant Adrenal Myelolipoma-Rare Tumor with increasing Reported Incidence. Poster presentation at: University of Florida College of Medicine – Jacksonville Research Day; Jacksonville, FL, May 2012.


Ramrattan L, Pappa C, Kaeley GS. Medical decision: "Do no harm” or "better safe than sorry”? Mycophenolate Mofetil used in a lupus patient with diffuse alveolar hemorrhage. Poster finalist at: American College of Physicians Internal Medicine 2012; New Orleans, LA, April 2012.

Kaeley GS. Indications for Musculoskeletal Ultrasound. American College of Rheumatology Musculoskeletal Ultrasound Course for Rheumatology Fellows; Chicago, IL, April 2012.


Mitri G. Gout and Other Crystals. Rheumatology, Allergy & Pain Symposium; Ponte Vedra Beach, FL, March 2012.


Calamia K, Mitri G. Autoinflammatory, Behcet’s Disease & FMF. Rheumatology, Allergy & Pain Symposium; Ponte Vedra Beach, FL, March 2012.

Kaeley GS. Spondyloarthopathy. Rheumatology, Allergy and Pain Symposium; Ponte Vedra, FL, March 2012.

Mitri G. High Serologic and Inflammatory Markers in RA are associated with Worse Pain and Functional Status. Poster presentation at: American Federation for Clinical Research Southern Regional Meeting; New Orleans, LA, February 2012.

Kaeley GS. Sonography of the Shoulder - normal scans and sonopathology. Musculoskeletal Ultrasound Course and Interventional Cadaver Workshop for Rheumatologists, University of Florida continuing medical education course in partnership with the American College of Rheumatology and USSONAR; Jacksonville, FL, February 2012.

Kaeley GS. Ultrasonography of Inflammatory Arthritis. Musculoskeletal Ultrasound Course and Interventional Cadaver Workshop for Rheumatologists, University of Florida continuing medical education course in partnership with the American College of Rheumatology and USSONAR; Jacksonville, FL, February 2012.

Kaeley GS. Ultrasonography of Crystalline Arthropathy. Musculoskeletal Ultrasound Course and Interventional Cadaver Workshop for Rheumatologists, University of Florida continuing medical education course in partnership with the American College of Rheumatology and USSONAR; Jacksonville, FL, February 2012.

Pappa C. Sonography of the Knee – normal scans and sonopathology. Musculoskeletal Ultrasound Course and Interventional Cadaver Workshop for Rheumatologists; Jacksonville, FL, February 2012.

Kaeley GS. Ultrasonographically guided joint injections in Rheumatology. Canadian Rheumatology Society Meeting; Mc Masters University, Hamilton, ON, January 2012.

Kaeley GS. Shoulder - Review of standard scans. Canadian Rheumatology Society Meeting; Mc Masters University, Hamilton, ON, January 2012.

Pappa C. Sonography of the Knee. Canadian Rheumatology Society Meeting; Mc Masters University, Hamilton, ON, Canada, January 2012.

Kaeley GS. Sonography of the shoulder. American College of Rheumatology ultrasound course; Chicago, IL, November 2011.


Kaeley GS. Use of Sonography in Rheumatoid Arthritis. Asociacion De Rheumatologos De Puerto Rico; Puerto Rico, September 2011.

Kaeley GS. Ultrasonography of the hand and wrist. Musculoskeletal Ultrasound Course for UF Rheumatology Fellows; Gainesville, FL, August 2011.
Kaeley GS. Sonography of the shoulder. Musculoskeletal Ultrasound Course for UF Rheumatology Fellows; Gainesville, FL, August 2011.


Kaeley GS. Defining Sonographic Elements of Psoriatic Dactylitis. GRAPPA (Group for Research and Assessment of Psoriasis and Psoriatic Arthritis) Annual Meeting; Naples, Italy, July 2011.

Kaeley GS. Developing a Sonographic Index to Evaluate and Measure Enthesitis in PsA. GRAPPA (Group for Research and Assessment of Psoriasis and Psoriatic Arthritis) Annual Meeting; Naples, Italy, July 2011.

Kaeley GS. Co-Chair Imaging Module - Ultrasound and MRI. GRAPPA (Group for Research and Assessment of Psoriasis and Psoriatic Arthritis) Annual Meeting; Naples, Italy, July 2011.

Kaeley GS. Sonography of the foot and ankle: anatomy and pathology. Clinical Applications of Musculoskeletal Ultrasound Conference; Ohio State University, Columbus, OH, July 2011.


Kaeley GS. Ultrasound of the shoulder. Florida Society of Rheumatology Ultrasound Course; Amelia Island, FL, July 2011.

Kaeley GS. Introduction to musculoskeletal ultrasound. Florida Society of Rheumatology Ultrasound Course; Amelia Island, FL, July 2011.

Pappa C. Sonography of the hands. Florida Society of Rheumatology Ultrasound Course; Amelia Island, FL, July 2011.

**CLINICAL ACTIVITIES**

<table>
<thead>
<tr>
<th>Inpatient Activity</th>
<th>AY 11/12</th>
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<tr>
<td>Initial IP Encounters</td>
<td>112</td>
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<tr>
<th>Outpatient Activity</th>
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<tr>
<td>Clinic Visits</td>
<td>4403</td>
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<tr>
<td>US, extremity, nonvascular</td>
<td>794</td>
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<td>US Guidance for Needle Placement</td>
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**CONTRACTS AND GRANTS**

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<thead>
<tr>
<th>Principal Investigator</th>
<th>Study Title</th>
<th>Project Period</th>
<th>Sponsor</th>
<th>Award Amount</th>
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<tbody>
<tr>
<td>Gurjit Kaeley, M.D.</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>2010-present</td>
<td>Abbott Laboratories</td>
<td>$209,008</td>
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<tr>
<td>Gurjit Kaeley, M.D.</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>2011-present</td>
<td>Abbott Laboratories</td>
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<td>Ghaith Mitri, M.D.</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>9/2009-present</td>
<td>EMD Serono</td>
<td>$110,513</td>
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<tr>
<td>Ghaith Mitri, M.D.</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>9/2009-11/2011</td>
<td>Actelion Pharmaceuticals</td>
<td>$121,830</td>
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<tr>
<td>Ghaith Mitri, M.D.</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>6/2010-present</td>
<td>Bristol Myers Squibb</td>
<td>$152,368</td>
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