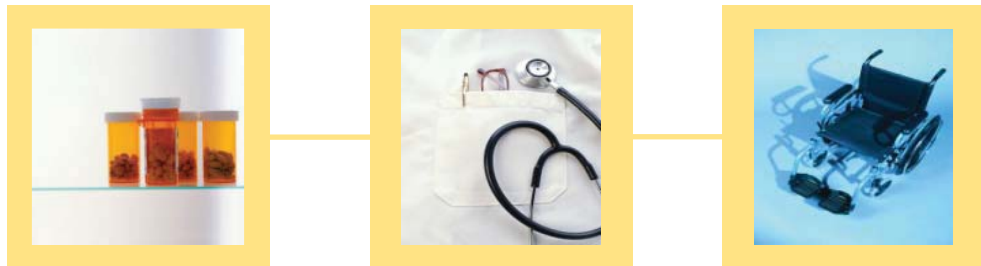


Department of Medicine

Annual Report

Academic Year 2006 – 2007



UF UNIVERSITY of
FLORIDA
College of Medicine
Jacksonville

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STATEMENT FROM THE CHAIRMAN
ACADEMIC YEAR 2007 (7/06 - 6/07)

Dear Colleagues and Friends:

As an important teaching site for the University of Florida College of Medicine the Department of Medicine in Jacksonville pursues the three traditional missions of academic institutions; patient care, teaching and research. I will briefly describe the scope of accomplishments for the 2006-2007 academic year:

Patient care: The Department expanded clinical activities and achieved 102% of budgeted charges. The Division of Hospital Medicine expanded three fold to keep in pace with increasing demands of hospital admissions. Successful recruitments were achieved in all Divisions within the Department. Several service contracts were negotiated with the Veterans' Administration, Department of Health, and other private health care providers in Jacksonville. Clinical operations were reorganized to reduce cost and increase the number of patient visits.

Education: Faculty members of the Department continue to excel in their mission of educating students and residents. The Department has been the winner of the Golden Apple Award for the best clinical clerkship for the last three consecutive years. Internal Medicine has been the highest rated experience overall on the Graduation Questionnaire for the last three consecutive years and rated higher than the national average. A dedicated cadre of teaching faculty on both campuses invests significant time mentoring students and providing feedback. The post graduate education program is thriving in the core and subspecialty programs. The Department continues to sponsor multiple continuing medical education venues.

Research: The Department had an exceptionally productive year in research. There were a total of 77 peer reviewed publications and 15 book chapters authored by faculty members. Faculty made 52 national and regional presentations. During fiscal year 2007, 37 research awards with a direct cost of \$903,597 were acquired. This represents a 321.6% change compared to the previous fiscal year.

Since joining the Department a year ago, I continue to be impressed by the high quality and achievements of faculty and staff. I hope this annual report will serve as an insider look into the Department of Medicine and highlight our continuing commitment to excellence in patient care, teaching, and research.

Sincerely,

Arshag D. Mooradian, M.D.
Professor and Chairman

DEPARTMENT ORGANIZATIONAL OVERVIEW
ACADEMIC YEAR 2007 (7/06 - 6/07)

Arshag D. Mooradian, M.D.

Chairman, Department of Medicine

N. Stanley Nahman, M.D.

Program Director, Internal Medicine Residency

Arpitha Ketty, M.D.

Associate Program Director, Graduate Medical Education

Olga Petrucelli, M.D.

Associate Program Director, Graduate Medical Education

Carlos Palacio, M.D.

Director, Medical Student Clerkship

Irene Alexandraki, M.D.

Associate Director, Medical Student Clerkship

Christina Catalano, M.B.A.

Administrator

Nanci Morton

Administrative Manager

DIVISION CHIEFS

Cardiology

Theodore Bass, M.D.

Endocrinology

Robert Lavine, M.D.

Gastroenterology

Louis Lambiase, M.D.

General Internal Medicine

Linda Edwards, M.D.

Hematology/Oncology

James Chingos, M.D.

Hospital Medicine

Jeffrey House, D.O.

Infectious Disease

Michael Sands, M.D.

Nephrology and Hypertension

N. Stanley Nahman, M.D.

Pulmonary and Critical Care

J. Davis Cury, M.D.

Rheumatology

Archana Goel, M.D., Interim Chief

RESIDENTS/FELLOWS**Chief Residents 2006-2007**

Bharat K. Gummadi, M.D.

Medical School: St. George's University, 2003

Erik S. Lowman, D.O.

Medical School: Nova Southeastern University, 2003

CLASS OF 2006/2007**HOUSESTAFF I**

Melvin Bullock, M.D.
 Andrew Darlington, D.O.
 Friha Faqeri, M.D.
 Somajita Ghosal, M.D.
 Henry Heyman, M.D.
 Dongmei Jiang, M.D.
 Mohammad Asif Khan, M.D.
 Malca Kierson, D.O.
 Carol Le, M.D.
 Nimish Naik, MD.
 Thomas Nguyen, M.D.
 Chaturani Ranasinghe, M.D.
 Vinny Samuel, M.D.
 Kalina Sanders, M.D.
 Vandana Seeram, M.D.
 Timothy Shepherd, M.D.
 Chut Sombutmai, D.O.
 Siva Suryadevara, M.D.
 Justin Upp, M.D.
 Esther Vildor-Dazil, M.D.

HOUSESTAFF II

1. Rosalyn Alcalde, M.D.
2. Gina Chacon, M.D.
3. Ruchi Gupta, M.D.
4. Michael Hernandez, M.D.
5. Sarah Katta, D.O.
6. Victor Lopez de Mendoza, M.D.
7. Ashwin Mehta, M.D.
8. Latonia Moncur, M.D.
9. Soo Nam, M.D.
10. Timmy Nguyen, M.D.
11. Juan Danny Pulido, M.D.
12. Shilpa Reddy, D.O.

HOUSESTAFF III

1. Nikolaos Anatoliotakis, M.D.
2. Fabian Arnaldo, M.D.
3. Rodolfo Barroso, M.D.
4. Sian Chisholm, M.D.
5. Khalil Khan, D.O.

MEDICAL SCHOOL

Medical College of Georgia
 Philadelphia College of Osteopathic Medicine
 Ross University
 Calcutta National Medical College
 Medical College of Georgia
 Beijing Medical University
 Khyber Medical College
 Chicago College of Osteopathic Medicine
 Medical College of Wisconsin
 New York Medical College
 Drexel University College of Medicine
 University of Miami School of Medicine
 Ross University
 Univ. of Texas Medical School At San Antonio
 University of West Indies
 University of Florida College of Medicine
 Nova Southeastern University
 University of the West Indies Trinidad
 University of Florida College of Medicine
 Florida State University College of Medicine

MEDICAL SCHOOL

Ross University
 Universidad Catolica de Santa Maria
 Lady Hardinge Medical College
 Florida State University College of Medicine
 Nova Southeastern University
 Universidad Central Del Este
 St. George's University
 St. George's University
 Ross University
 Flinders University of South Australia
 Universidad de Ciencias Medicas
 Nova Southeastern University

MEDICAL SCHOOL

University of Crete
 Universidad de Buenos Aires
 American University of the Caribbean
 Ross University
 Nova Southeastern

6. Frederick Martinez, M.D.
7. Neeta Panse, M.D.
8. Darceilia Plott, M.D.
9. Haritha Sakhamuri, M.D.
10. Mohammad Shehadeh, M.D.
11. Robert Sullivan, M.D.
12. Robert Zaiden, M.D.

University of Illinois College of Medicine
 Grant Medical College
 Ohio State University
 PSG Institute of Medical Sciences
 Universidad Central Del Caribe
 Ross University
 St. Matthews University School of Medicine

SUBSPECIALTY FELLOWSHIP PROGRAM DIRECTORS

Cardiology: Steven Lavine, M.D.
Gastroenterology: Louis Lambiase, M.D.
Interventional Cardiology: Ted Bass, M.D.
Infectious Diseases: Michael Sands, M.D.
Medical Oncology: James Chingos, M.D.

SUBSPECIALTY FELLOW – HOUSESTAFF IV

Nikesh Jasani, M.D. (Oncology)
 Peyman Salimi-Tari, M.D. (Oncology)
 Matthew Cole, M.D. (Gastroenterology)
 Sunitha Pudhota, M.D. (Gastroenterology)
 Jose Vindas-Cordero, M.D. (Infectious Disease) Jan 07
 M. Kamran Aslam, M.D. (Cardiology)
 Lori McMullan, M.D. (Cardiology)
 A. Tony Ortiz, M.D. (Cardiology)
 Derek Sun, M.D. (Cardiology)

SUBSPECIALTY FELLOW – HOUSESTAFF V

Shalin Shah, D.O. (Oncology)
 Mary Alizadeh, M.D. (Gastroenterology)
 Ghassan Hammoud, M.D. (Gastroenterology)
 Wilfredo Sanchez, M.D. (Infectious Disease)
 Amitra Caines, M.D. (Cardiology)
 Juan Estrada, M.D. (Cardiology)
 Binu Jacob, M.D. (Cardiology)
 Dao Pham, M.D. (Cardiology)
 10. Ian Weisberg, M.D. (Cardiology)

SUBSPECIALTY FELLOW – HOUSESTAFF VI

Linda Di Teodoro, M.D. (Gastroenterology)
 Samir Habashi, M.D. (Gastroenterology)
 Lyndon Box, M.D. (Cardiology)
 Erik Carlson, M.D. (Cardiology)
 Chris Pavlovic, M.D. (Cardiology)
 Prithviraj Rai, M.D. (Cardiology)
 Steven Shoemaker, M.D. (Cardiology)

SUBSPECIALTY FELLOW – HOUSESTAFF VII

Vafa Mansouri, D.O. (Interventional Cardiology)
 Robert Smith, M.D. (Interventional Cardiology)

MEDICAL SCHOOL

St. Georges University
 University of Sydney
 Ross University
 Osmania Medical College
 Universidad de Costa Rica, San Jose
 University of Texas
 Louisiana State University
 University of Miami
 Drexel University

MEDICAL SCHOOL

Nova Southeastern University
 University of Colorado School of Medicine
 University of New Mexico
 Ponce School of Medicine
 Case Western Reserve University
 Universidad Nacional Autonoma de Honduras
 University of Miami
 University of Alabama
 Emory University

MEDICAL SCHOOL

St. George's University
 Ain Shams University
 University of Alabama-Birmingham
 Medical College of Georgia
 Washington University School of Medicine
 Kasturba Medical College
 University of Florida

MEDICAL SCHOOL

Nova Southeastern University
 University of Oklahoma

CONTINUING MEDICAL EDUCATION

ACADEMIC YEAR 2007 (7/06 - 6/07)

The mission of the University of Florida Continuing Medical Education program is to provide lifelong learning experiences for physicians that support their intentional efforts to enhance competence in patient care, medical knowledge, practice-based learning and improvement, interpersonal and communication skills, professionalism and systems-based practice. This mission is accomplished through the provision and support of seminars, workshops, review courses, symposia, conferences, meetings, lecture series, enduring materials, distance education modules, grand rounds, mini-fellowships and visiting professors programs focused on these competencies.

MEDICAL GRAND ROUNDS & NOON CONFERENCES

The goal of Medical Grand Rounds and Noon Conferences is to provide didactic sessions on each clinical condition that may not be sufficiently addressed during other educational experiences within the Internal Medicine Residency Program. Didactic sessions are presented as part of an 18-month curriculum to ensure each resident has an opportunity to complete the curriculum over the course of his or her 3-year residency. To accomplish this goal, the Program Director, in conjunction with the Subspecialty Education Coordinators or other responsible faculty, reviews the educational experiences provided within the residency program and select topics to be addressed.

Conferences include information from basic medical sciences, with emphasis on pathophysiology of disease and recent advances in clinical medicine and biomedical research. Medical Grand Rounds are held weekly and Noon Conferences are held daily. Quarterly, Clinical Pathology Conferences correlate current pathology material, including material from autopsies, surgical specimens, and other pathology with clinical course and management of patients. Monthly clinical quality improvement (morbidity and mortality) conferences focus on adverse clinical events on teaching services. Monthly resident presentation of Scholarly Activity consist of PGY2 & PGY3 residents who are assigned to present topic reviews once each 12 months.

Residents are encouraged to take advantage of the maximum number of conferences possible to optimize their fund of clinical knowledge and are required to attend 60% of the Core Conferences offered. Residents at every level of training are required to attend Morning Report when rotating on Inpatient Internal Medicine, Neurology, On-site Ambulatory Care and sub-specialty consult services. All residents on campus are encouraged to attend the Autopsy Conference, which is held weekly in the Morgue. Weekly scheduled didactics occur formally on the Inpatient Medicine, Cardiology, and MICA Rotations. Didactic Teaching occurs informally on all subspecialty rotations.

CONFERENCES & SYMPOSIUMS

The Department of Medicine had two main conferences this academic year; Internal Medicine Update 2007 and Topics in Cardiology.

This year's Internal Medicine Update included topics on proton beam therapy with an emphasis on lung cancer therapy, pain management, endocrinology, cardiology, nephrology, dermatology, medical literacy, several interesting case presentations and a luncheon speaker from NASA. Presentations and lectures

highlighted topics such as advances in insulin therapy, metabolic syndrome, aerospace medicine, cutaneous neoplasms and integrative approaches to chronic pain.

Upon completion of the Internal Medicine Update, participants should have been able to describe the latest advancements in research related to sub-specialties discussed, identify current diagnosis and treatment options for conditions described above that are presented to family medicine physicians and internists, and state the importance of preventative actions that practitioners may encourage patients to employ, particularly to promote changes in patient behavior.

The Division of Cardiology hosted Topics in Cardiology, which was designed to present important and practical new information, particularly for primary care clinicians and allied health care professionals who are interested in improving the health outcomes for patients with cardiovascular disease. This continuing education activity highlighted the practical aspects of recent scientific recommendations and guidelines on several topics, including: coronary artery disease, including recent trials in interventional cardiology, acute coronary syndromes, risk factor modification, approaches to congestive heart failure, and advances in MR & CT as well as peripheral vascular disease.

The course objectives for Topics in Cardiology were to increase awareness of therapies and diagnoses of peripheral vascular disease, enhance the understanding of comprehensive management of coronary risk factors, review new diagnostic techniques and therapies in patients with congestive heart failure, and explore current issues involving atherosclerosis, supraventricular arrhythmias, MR/CT, and angiogenesis.

GRADUATE MEDICAL EDUCATION
ACADEMIC YEAR 2007 (7/06 - 6/07)

Highlights

The Office of Graduate Medical Education (GME) had another successful year of program maturation and leadership development. The year was highlighted by another successful Match, establishment of a new Nephrology Fellowship Program, and rapid growth of faculty numbers in the Department of Medicine. Teaching and leadership skills of program leaders and key clinical faculty were raised through participation in the Master Educator Program and research productivity by trainees and faculty continued to expand.

Internal Medicine Residency Program. Dr. Nahman continued in his capacity as Program Director (PD) and Drs. Arpitha Ketty and Olga Petrucelli remained Associate Program Directors. Our 4th year Chief Administrative Residents were Drs. Bharat Gummadi and Eric Lowman. Curricular advancements included continued utilization of mega-teams on ward rotations, refinement of the Friday afternoon Board Review Course and re-organizing night float rotation from a single month into two, 2 week blocks. The graduating class of 2007 sent 6 residents to chief residency positions or fellowships, with the remaining pursuing Hospitalist Medicine or private practice options.

The intern Match class for 2007 boasted a mean step 1 USMLE score of 210, exhibiting the strongest step 1 test scores of the last 4 recruitment years. This class was carefully chosen for strong academic qualities in conjunction with the plan to strengthen resident performance on the ABIM Certification Examination. In October 2006, 2 fourth year chief medical residents were recruited from the junior class to serve in 2008-09, and in-training exam scores continued to improve. All program directors attended at least 1 APDIM or other national education meeting, and incoming chief medical residents (CMR) attended the APDIM-sponsored CMR orientation in the spring. Drs. Ketty, Petrucelli, and Alexandraki enrolled in the 18 month Master Educator Program sponsored by the University of Florida and joined many other key clinical faculty members in the course. In research, residents submitted abstracts to the Florida ACP, American Society of Nephrology, and Southern Section of the AFMR, and accounted for 12 internal research grants, 10 published manuscripts and 11 published abstracts.

Subspecialty Fellowship Programs. An ACGME application to establish a new Nephrology Fellowship Training Program was approved in May 2006, and will join 5 other accredited subspecialty fellowship programs (Cardiology, Interventional Cardiology, Gastroenterology, Medical Oncology, and Infectious Disease). Dr. Nahman directs the Nephrology Program and will be assisted by Associate PD Dr. Supriya Maddirala. Dr. Janet Hosenpud was recruited to direct the Medical Oncology Fellowship Program beginning July 2007. She will be assisted by current interim PD for Medical Oncology, Dr. Fauzia Rana. Dr. Christina Bailey joined Dr. Michael Sands as an Associate PD for Infectious Disease. The Gastroenterology Fellowship was revised in accordance with RRC recommendations following the 2005 site visit and is awaiting announcement of the next site visit date.

Student Education Programs. Medical student education programs are directed by Drs. Carlos Palacio and Irene Alexandraki. Chairman rounds and student morning report continue to be offered and are well received by students. Both physician leaders attended student clerkship sessions of the National APDIM Meeting and work closely with Gainesville faculty to keep the highly rated student program an effective learning tool.

LISTING OF PROGRAM LEADERSHIP

New Faculty

Bharat Gummadi, MD, Post-doctoral Associate and Chief Medical Resident

Medical School / Graduation date	St. Georges University	2003
Internship/residency and year	University of Florida Jacksonville	2006
Chief Medical Resident	University of Florida Jacksonville	2007

Eric Lowman, DO, Post-doctoral Associate and Chief Medical Resident

Medical School / Graduation date	Nova Southeastern College of Osteopathic Medicine	2003
Internship/residency and year	University of Florida Jacksonville	2006
Chief Medical Resident	University of Florida Jacksonville	2007

Current Faculty

Irene Alexandraki, MD, Assistant Professor and Associate Student Clerkship Director

Medical School / Graduation date	University of Athens Medical School	1989
Internship/residency and year	Hahneman University	1998
Subspecialty training and year	Infectious disease/Baylor College of Medicine	2001

Arpitha Ketty, MD, Assistant Professor and Associate Program Director

Medical School / Graduation date	University of Southern California	1999
Internship/residency and year	University of California Davis	2002

N. Stanley Nahman, Jr., MD, Professor and Program Director

Medical School / Graduation date	Medical College of Ohio	1979
Internship/residency and year	Presbyterian Hospital Denver, Mt Carmel Health, Columbus	1984
Subspecialty training and year	Nephrology/The Ohio State University	1987

Carlos Palacio, MD, Assistant Professor and 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

Olga Petrucelli, MD, Assistant Professor and Associate Program Director

Medical School / Graduation date	University of South Florida	1996
Internship/residency and year	University of Chicago	1999

PUBLICATIONS

Garg P, **Gupta R**, Hsi D, Shiels L, DiSalle M. Hypertrophic cardiomyopathy an symptomatic conduction system disease in cardiac amyloidosis. *South Med J*. 2006 Dec; 99(12):1390-2.

Arnaldo F, Pulido M, House J. Cocaine-induced non-STEMI: an unusual electrocardiography presentation. *Emerg Med J*. 2006 Oct; 23(10):816-7.

Chacon G, Alexandraki I, Palacio C. Collet-Sicard syndrome: an uncommon manifestation of metastatic prostate

cancer. *South Med J*. 2006; Vol. 99:8 Aug 2006.

Arnaldo F, Anatoliotakis N. Hypothermia-induced J waves. *Int J Cardiol*. 2007 Jan 18; 114(3):e116-7. Epub 2006 Oct 17.

Rascon I, Pamer M, Vega K, Cury J, Nahman Jr. NS. The role of gastroesophageal reflux in exacerbations of chronic obstructive pulmonary disease. *Chest*. 2006 Oct; 130(4):1096-101.

Garg P, **Gupta R**, Szalados J. Bacterial Pericarditis and tamponade due to nonencapsulated haemophilus influenzae complicating a case of adult community-acquired pneumonia. *Medscape General Medicine*. 2006; 8(4):48. 2006

Daniels JT, Cury JD, Diaz J. An unusual cause of post obstructive pneumonia. *Chest*. 2007 131:930-3

Khan MA, Renganathan R. Varying practices of Warfarin dosing regimen, could we modify this? *Irish Medical Journal*. 2007.

Lowman E, Mooradian AD. Macromelia masquerading as an acromegaloid syndrome in an adult with Klippel-Trenaunay syndrome. *Endocrine Practice*. (In press) 2007.

Sullivan R, Samuel V, Le C, Khan M, Alexandraki I, Cuhaci B, Nahman Jr. NS: Hemodialysis catheter-related bacteremia. *Amer J Med Sci*, in press.

Sakhamuri H, Bhatt U. Hemodynamic impact of CRRT in trauma versus non-trauma patients. *J Am Soc Nephrol*, 17:107A, 2006.

Sullivan R, Zaiden R, Jones D, Alexandraki I, Bhatt U, Vu H, Nahman, Jr. NS.: Relationship between hepatitis C and bacteremia in hemodialysis patients with catheters. Presented, Southern AFMR. *J Invest Med*, 54:S298, 2006.

Sullivan R, Zaiden R, Reddy S, Lopez V, Kim H, Alexandraki I, Nahman, Jr. NS. Surveillance cultures in hemodialysis patients with vascular catheters. Presented. American Society of Nephrology, *J Amer Soc Nephrol*, 17: 589A, 2006.

Zaiden R, Sullivan R, Reddy S, Lopez V, Kim H, Alexandraki I, Nahman, Jr. NS.: Cross-sectional study of the relationship between hepatitis C and bacteremia in hemodialysis patients with vascular catheters. Presented. American Society of Nephrology, *J Amer Soc Nephrol*, 17:589A, 2006.

Reddy S, Zaiden R, Sullivan R, Naik N, Alexandraki I, Nahman, Jr. NS.: Hepatitis C viral load and the risk of bacteremia in hemodialysis patients with vascular catheters. Presented, Southern AFMR. *J Invest Med*, 55:S308, 2007.

Lopez de Mendoza V, Reddy S, Sullivan R, Le C, Naik N, Zaiden R, Alexandraki I, Nahman, Jr. NS. Natural history of vascular access catheters in hemodialysis patients. Presented, Southern AFMR. *J Invest Med*, 55:S272, 2007.

Ketty A, Petrucelli O, **Katta S**, Nahman, Jr. NS.: Effect of Resident Manpower on Work Rounding Frequency. Presented, Southern AFMR. *J Invest Med*, 55:S286, 2007.

Sakhamuri H, Urquidi V, Nahman Jr. NS, Petrucelli OM: Effect of red cells, leukocytes and bacteria on urine dipstick testing for protein: role in the transient albuminuria of urinary tract infection. Presented, Southern AFMR. *J Invest Med*, 55:S272, 2007.

Katta S, Sakhamuri H, Samuel V, Nahman Jr. NS, Ketty A: Age related changes in renal function in sickle cell disease. American Society of Nephrology, *J Amer Soc Nephrol*, in press

Reddy S, Elfayoumy S, Wludyka P, Britt K, Maddirala S, Cuhaci B, Mars R, Cu G, Vu H, Urquidi V, Lambiase L, Nahman Jr. NS: Vascular catheters and hepatitis C in the development of bacteremia in ESRD patients: logistic regression analysis from the DMMS study. Presented. American Society of Nephrology, *J Amer Soc Nephrol*, in press

Lopez de Mendoza V, Naik N, Mars R, Cuhaci B, Nahman, Jr. NS: Effect of vascular catheter failure on dynamic hemodialysis circuit pressures. American Society of Nephrology, *J Amer Soc Nephrol*, in press

HONORS AND AWARDS

Andy Darlington, DO	Intern of the Year	2007
Rudy Barroso, MD	Resident of the Year	2007
Senthil Meenrajan, MD	Teacher of the Year	2007
Carlos Palacio, MD Manish Relan, MD Robert Zaiden, MD	Exemplary teachers University of Florida	2007

ENDOWMENTS AND GIFTS

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

GRANTS AND CONTRACTS

Up to \$5, 000 each

Principal Investigator	Sponsor/Title
Sullivan, Robert	University of Florida Dean's Fund Resident Research Grant/ Risk factors for gram negative bacteremia and central venous dialysis access
Zaiden, Robert	University of Florida Dean's Fund Resident Research Grant/ Effect of hepatitis C infection on cellular immunity in hemodialysis patients
Lopez de Mendoza, Victor	University of Florida Dean's Fund for Residents and Fellows Research Grant, "Changes in hemodialysis blood circuit parameters as predictors of catheter loss in dialysis patients".
Reddy, Shilpa	University of Florida Dean's Fund for Residents and Fellows Research Grant: "Effect of hepatitis C viral load on bacteremic events in hemodialysis patients".
Sakhamuri, Haritha	University of Florida Dean's Fund for Residents and Fellows Research Grant: "The incidence of transient proteinuria in urinary tract infection".
Katta, Sarah	University of Florida Dean's Fund for Residents and Fellows Research Grant: "Age-related changes to renal function in patients with sickle cell disease."
Mehta, Ashwin	University of Florida Dean's Fund for Residents and Fellows Research Grant: "Enlighten encouraging dialogue about decisions to limit life sustaining treatment using educational videos."
Pulido, Danny	University of Florida Dean's Fund for Residents and Fellows Research Grant: "The Incidence of Cardiovascular Diseases in Athletes and Methods of Screening."
Panse, Neeta	University of Florida Dean's Fund for Residents and Fellows Research Grant: "Trends in Inflammatory Breast Cancer, Incidence and Survival at UF Jacksonville."

Gupta, Ruchi	University of Florida Dean's Fund for Residents and Fellows Research Grant: "Use of Acid Suppression Therapy In Hospitalized Patients-Going Beyond The Indications."
Darlington, Andrew	University of Florida Dean's Fund for Residents and Fellows Research Grant: "The use of thromboelastography as a tool to predict tunneled catheter loss."
Shepherd, Timothy	University of Florida Dean's Fund for Residents and Fellows Research Grant, 2007: "High Resolution MRI of Hippocampal Sclerosis using the Diffusion Orientation Transform."

POST-GRADUATE ACTIVITIES OF CMR AND SENIOR RESIDENTS

<u>Graduate</u>	<u>Professional status</u>	<u>Location</u>
<u>Outgoing Chiefs</u>		
Bharat Gummadi, MD	Heart failure fellow 2007 Fellowship, Cardiology 2008	University of Florida Jacksonville University of Florida Jacksonville
Erik Lowman, DO	Fellowship, Infectious disease	Rush University, Chicago
<u>Graduating residents</u>		
1. Nik Anatoliotakis, MD	Chief Medical resident	University of Florida Jacksonville
2. Sian Chisholm, MD	Chief Medical resident	University of Florida Jacksonville
3. Fabian Arnaldo, MD	Fellowship, Cardiology	Cleveland Clinic, Westin Florida
4. Rodolfo Barroso, MD	Private practice	Miami, Florida
5. Khalil Khan, DO	Private practice	Ft. Lauderdale, Florida
6. Fred Martinez, MD	Hospitalist	Savannah, Georgia
7. Neeta Panse, MD	Hospitalist	University of Florida Jacksonville
8. Darcy Plott, MD	Private Practice	Columbus, Ohio
9. Haritha Sakhamuri, MD	Fellowship, Nephrology	University of Florida Jacksonville
10. Mohammad Shehadeh, MD	Private practice	San Juan, Puerto Rico
11. Robert Sullivan, MD	Fellowship, Nephrology	University of Florida Jacksonville
12. Robert Zaiden, MD	Fellowship, Medical Oncology	University of Florida Jacksonville

DIVISION OF CARDIOLOGY
ACADEMIC YEAR 2007 (7/06 - 6/07)

Highlights

The Cardiovascular Center/Division of Cardiology had a strong fiscal year in 2006/2007 and a very productive year in research. The division continued practice in Lake City and St. Mary's, Georgia, both being strong practices which ramped up in volume over the past year. The new cardiovascular inpatient unit opened in September 2006. We continued to expand the Peripheral Interventional Program, aggressively marketing to primary care and internal medicine practices. All activities resulted in increased volume. The following are goals and objectives for FY 2007:

- In collaboration with Radiology, further develop the Cardiac Advanced Imaging Program (CT and MRI program).
- Expand the Electrophysiology Program to satellite offices. Proceed with plans to start EP Fellowship program in FY 2007/2008.
- Continue to expand the CHF program, adding a CHF consult service, and continue to develop a team of heart failure specialists (Physicians/PA/pharmacy/dietary). Develop a data base for tracking all CHF pts. Market program as a full service CHF program.
- Continue to develop Peripheral Vascular Program. Look at adding a Vascular Medicine physician.
- Work with Emergency Department to develop a Chest Pain Center.
- Work with EMS to develop a partnership for a cardiac alert program, transmitting EKG's from the field.
- Continue to focus on growth in satellite offices, work with Lake Shore hospital on plans for new heart cath lab at Lake Shore
- Open a new 14 bed holding unit on 5th floor across from the new labs.
- Work with coding/medical records to improve coding procedures/morbidity documentation.
- Marketing CV services in 2nd stage of branding campaign.
- Additional faculty to support expanding programs to include a CHF Cardiologist, a Electrophysiology Cardiologists (2), a Interventional Cardiologist, and a Vascular Medicine physician

Patient Care: As stated above, CV satellite offices continue to expand. Our Lake Shore office provides cardiovascular care (physician visits as well as diagnostic testing) to Lake City and surrounding communities. Physicians rotate to the Lake City office Monday-Friday. We signed year 3 of the agreement with Lake Shore to maintain a practice at this facility and to cover weekend call. Lake Shore is currently putting in a diagnostic Cath Lab in the facility. Interventional physicians will work in the lab, treating all patients who need a Cath, and transferring patients to Shands Jacksonville Medical Center requiring an interventional procedure.

Dr. Howard Baker, a long time cardiologist in the St. Augustine area and a member of our practice, provided services at the new UF Cardiovascular office in Saint Augustine, Florida at Flagler Hospital. The office is equipped with all CV diagnostic testing equipment, including a nuclear camera. Dr. Joe Pensabene joined the practice in November 2006.

We continue with the practice in St. Mary's, Georgia. This office is equipped with diagnostic testing equipment (ECHO Machine/stress testing). UF cardiologists rotate to the practice Monday through Friday. They cover office visits as well as hospital consults, at Camden Medical Center. We saw an

increase in volume in our St. Mary's office in late 2006, along with an increase in downstream revenue to Shands Jacksonville Medical Center from this practice in 2006.

On Campus program growth included the Peripheral Program. We continue to increase the number of patients receiving non-invasive diagnostic peripheral testing (ABIs) and the number of peripheral invasive procedures performed. We expanded CV inpatient units with the opening of a 24 bed CCU/Progressive Care Unit. Dr. Doug Chapman was Inpatient Medical Director.

The Electrophysiology Program continues to grow in volume. We are currently recruiting for two additional Electrophysiologists. Plans were finalized for an arrhythmia service, which will consolidate all arrhythmia services, M.D.s, support staff, research area, fellows' area and a state-of-the-art conference room. Construction began December 1, 2006. Plans for an Electrophysiology Fellowship continue.

An invasive cardiology supervisor was hired in 2006 and Dr. Theodore Bass took over as Medical Director of the Cath labs. Dr. Gimore relocated to Utah in June 2006. Under new leadership, many new operational policies have been put into place, one being the implementation of a STEMI Stat protocol.

Plans for a new 14 bed holding unit and space for a new inpatient/outpatient nuclear camera were finalized. Construction began December 1, 2006.

Education: We receive between 400-500 applications per year for five available spots in our Fellowship Program. Applications are screened eighteen months prior to the start of the program. This past year we received 519 applicants thru ERAS (Electronic Residency Application Service) of which 55 were selected for interview. Individuals are invited based on medical school, quality of the medical residency, USME scores, research performed, and letters of recommendations. Faculty evaluates candidates based on interpersonal skills, academic potential, and clinical potential.

Fellowship Program changes included additional rotations in adult congenital heart disease, cardiac surgery, and vascular medicine.

Faculty conducts 4 sessions of Board review for medical residents. Significant changes were made in CCU rotation assisting the Internal Medicine Residency Program in reacquiring full accreditation.

Fellows passing their boards were at 87%.

Research: The division was involved in several multi-center sponsored research projects in the fields of heart failure, arrhythmia (electrophysiology), and coronary artery disease. We currently have 28 active sponsored research projects being conducted at the Division of Cardiology.

Cardiovascular Imaging Core Laboratories: The Core lab provides quantitative assessment of different cardiovascular image modalities, including angiography, intravascular ultrasound and magnetic resonance imaging for clinical studies. Since 2001, the Core lab has been involved in several national and international clinical trials. Technologies available in the Core lab (UF College of Medicine - Jacksonville) are unique in the country, including the pioneer worldwide utilization of on-line transfer of angiographic data via internet in a large clinical trial (STELLAR, see below) and the use of advanced cardiac MRI quantitative systems.

We are currently developing a quantitative analytical system for optical coherence tomography images to evaluate atherosclerosis disease.

Drug-Eluting Stent Research: Our division has been involved with the first worldwide clinical research experience in the field of drug-eluting stents. More recently, we coordinated and concluded one of the largest DES clinical trials in 2006, which involved 1574 patients treated with drug-eluting stents in 43 clinical centers across the U.S (STLLR Trial). We have initiated a new international, multi-center clinical trial evaluating the role of DES and intravascular ultrasound in the treatment of patients with bifurcation coronary disease (INSIGHT trial).

In 2006, we initiated international collaboration with Dr. Giugio Guagliumi (Italy) on the evaluation of vessel wall reaction to overlapping DES using optical coherence tomography.

Imaging: We are exploring the potential of cardiac MRI and multi-slice CT imaging to detect sub-clinical unstable atherosclerosis disease in the heart and peripheral circulation.

We recently presented the first study validating MRI perfusion techniques compared with invasive physiologic measurements at the latest American College of Cardiology, March 2006. We established collaborative research projects evaluating vulnerable plaque (Dr. Juan Granada, Methodist Hospital, Houston, TX) in a unique animal model of atherosclerosis development.

Our division is currently evaluating the role of MSCT to stratify patients with chest pain, in collaboration with the Radiology Department.

Angiogenesis/Myocardial Regeneration: Our group was the first in Florida to apply transmyocardial injection of gene therapy to promote angiogenesis in patients with coronary artery disease. The division received IRB approval to conduct the first transmyocardial injection of bone marrow derived CD34+ stem cells to promote angiogenesis in patients with coronary artery disease in Florida.

We are currently providing MRI quantitative assessments to various angiogenesis clinical trials (CORAUTUS, FOCUS-HF, FOCUS-BRIGHT).

The division established collaborative research projects in the field of angiogenesis with the Minneapolis Heart Institute to evaluate myocardial perfusion in patients who underwent different angiogenesis therapies.

Progenitor Endothelial Cells: In association with other UF investigators (Mark Segal, M.D., Sergey Jarikov, Ph.D.), we are investigating the role of circulating progenitor endothelial cells in the development vascular disease and analyzing nitric oxide production in freshly isolated progenitor cells.

We recently initiated collaboration with Professor Takayuki Asahara, M.D., Ph.D., Director of Regenerative Medicine and Research, Kobe Institute of Biomedical Research and Innovation, who first described the presence of circulating progenitor cells in humans. Future plans are to establish a center for expansion of progenitor cells using a modified colony assay developed by Dr. Asahara's group.

Thrombosis Research: We established a comprehensive laboratory for platelet function studies. In 2006 the division completed the first randomized clinical trial (OPTIMUS) testing higher doses of antiplatelet therapy in diabetic patients who are resistant to clopidogrel. OPTIMUS-II and OPTIMUS-III, a series of randomized clinical trials testing the hypothesis of individualized antiplatelet therapy have been initiated. In the field of platelet function studies, the division is likely one of the most prolific groups worldwide with > 10 original contributions published in major scientific journals in 2006.

LISTING OF FACULTY MEMBERS

New Faculty

Dominick Angiolillo, M.D. Ph.D., Assistant Professor

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

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

Current Faculty

Theodore Bass, M.D., Professor and Division Chief

Medical School / Graduation date	Brown University	1976
Internship/residency and year	Mayo Clinic	1979
Subspecialty training and year	Boston University	1981

Howard Baker, M.D., Assistant Professor

Medical School / Graduation date	Ross University School of Medicine, Dominican Republic	1983
Internship/residency and year	Bergen County Hospital	1986
Subspecialty training and year	Episcopal Hospital	1990

Douglas Chapman, M.D., Assistant Professor

Medical School / Graduation date	Chicago Medical School	1984
Internship/residency and year	University of Missouri	1987
Subspecialty training and year	Michael Reese Hospital	1990

Donald Conetta, M.D., Associate Professor

Medical School / Graduation date	Duke University	1970
Internship/residency and year	Georgetown University	1975
Subspecialty training/year	University of Florida	1977

Marco Costa, M.D., Assistant Professor

Medical School / Graduation date	Federal University of Minas Gerais, Brazil	1995
Internship/residency and year	Felicio Rocho Hospital	1997
Subspecialty training and year	Felicio Rocho Hospital/Thoraxcenter Heart Center	2000

Luis Guzman, M.D., Assistant Professor

Medical School / Graduation date	University of Buenos Aires, Argentina	1982
Internship/residency and year	Churruca-Visca Hospital, Argentina	1986
Subspecialty training and year	Instituto Cardiovascular Buenos Aires, Argentina	1989

Steve Hsu, M.D., Assistant Professor

Medical School / Graduation date	Washington University	1990
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Internship/residency and year	Thomas Jefferson University	1993
Subspecialty training and year	Thomas Jefferson University	1997

Steven Lavine, M.D., Associate Professor

Medical School / Graduation date	Temple University	1976
Internship/residency and year	Temple University	1979
Subspecialty training and year	Temple University	1981

Alan Miller, M.D., Professor

Medical School / Graduation date	University of Pittsburgh	1966
Internship/residency and year	Mount Sinai	1968
Internship/residency and year	George Washington University	1971
Subspecialty training and year	Cleveland Metropolitan Hospital	1973

David Nabert, M.D., Associate Professor

Medical School / Graduation date	UMDNJ – New Jersey Medical School	1988
Internship/residency and year	Hackensack University Medical Center	1991
Subspecialty training and year	Ochsner Medical Foundation	1999

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

Norbert Wilke, M.D., Assistant Professor

Medical School / Graduation date	Friedrich-Alexander University, Germany	1988
Internship/residency and year	Friedrich-Alexander University, Germany	1992
Internship/residency and year	Friedrich-Alexander University, Germany	1993
Subspecialty training and year	University of Minnesota	1999

Martin Zenni, M.D., Associate Professor

Medical School / Graduation date	University of Chicago	1986
Internship/residency and year	Tufts University	1989
Subspecialty training and year	Harvard Medical School	1992

PUBLICATIONS

Angiolillo DJ., Fernández-Ortiz A., Bernardo E., Ramirez C., Sabaté M., Jimenez-Quevedo P, Hernández R., Moreno R., Escaned J., Alfonso F., Bañuelos C., **Costa MA, Bass TA**, Macaya C. Influence of Aspirin Resistance on Platelet Function Profiles in Patients on Long-term Aspirin and Clopidogrel After Percutaneous Coronary Intervention. *Am J Cardiol* 2006; 97:38-43.

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Angiolillo DJ, Singh D. Clopidogrel for up to one year after PCI is cost-effective for people with acute coronary syndromes. *Evid Based Cardiovasc Med.* 2006; 10:116-8.

Angiolillo DJ. Tackling the diabetic platelet: is high clopidogrel dosing the answer? *Journal of Thrombosis and Haemostasis* 2006; 4:2563-5.

Fernandez Ortiz A, **Angiolillo DJ**. Use of oral antiplatelet agents during percutaneous coronary interventions. *Rev Esp Cardiol* 2006 (Supplement I).

Alfonso F, **Angiolillo DJ**. Platelet Function Assessment to Predict Outcomes after Coronary Interventions: Hype or Hope? *J Am Coll Cardiol* 2006; 48:1751-4.

Bernardo E, **Angiolillo DJ**, Ramirez C, Cavallari U, Trabetti E, Sabate M, Hernandez R, Moreno R, Escaned J, Alfonso F, Banuelos C, **Costa MA, Bass TA**, Pignatti PF, Macaya C, Fernandez-Ortiz A. Influence of the CD14 C(-260)T Promoter Polymorphism on C-Reactive Protein Levels in Patients with Coronary Artery Disease. *Am J Cardiol* 2006; 98:1182-4.

Bernardo E, **Angiolillo DJ**, Ramirez C, Cavallari U, Trabetti E, Sabate M, Hernandez R, Moreno R, Escaned J, Alfonso F, Banuelos C, **Costa MA, Bass TA**, Pignatti PF, Macaya C, Fernandez-Ortiz A. Lack of Association Between Gene Sequence Variations of Platelet Membrane Receptors and Aspirin Resistance Defined by the PFA-100 System in Patients with Coronary Artery Disease. *Platelets* 2006; 17:586-90.

Costa MA, Sabate M, **Angiolillo DJ**, Jimenez-Quevedo P, Teirstein P, Carter A, Leon MB, Moses J, **Zenni M**, Yakubov S, **Guzman LA**, Gilmore P, Macaya C, **Bass TA**. Intravascular Ultrasound Characterization of the Black Hole Phenomenon after Drug-eluting Stent Implantation. *Am J Cardiol* 2006; 97:203-6.

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Jimenez-Quevedo P, Sabate M, **Angiolillo DJ**, Alfonso F, Hernandez-Antolin R, Gomez-Hospital JA, Sanmartin M, Banuelos C, Moreno R, Escaned J, Fernandez C, **Costa MA**, Fernandez-Aviles F, Macaya C. Efficacy of Sirolimus-Eluting Stent Implantation in Diabetic Patients With Very Small Vessels (≤ 2.25 mm). Insights from the DIABETES Trial. *Rev Esp Cardiol*. 2006;59:1000-1007.

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Costa M, Sabate M, Staico R, Alfonso F, Seixas AC, Albertal M, Crossman A, **Angiolillo DJ, Zenni M**, Sousa JE Macaya C, **Bass TA**. Anatomical and Physiologic Assessments in Patients with Small Coronary Artery Disease: Final Results of the PHANTOM Trial. *Am Heart J* 2007 (in press).

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Lavine SJ, Mansouri V. Effect of pericardial constraint on the index of myocardial performance in a canine model of left ventricular dysfunction. *Echocardiography* 2007 (in press).

Lavine SJ. Effect of changes in contractility on the index of myocardial performance in the dysfunctional left ventricle. *Cardiovascular Ultrasound* 2007 (in press).

Angiolillo DJ. ADP receptor antagonism: what's in the pipeline? *Am J Cardiovasc Drugs* 2007 (in press).

Angiolillo D.J., Bernardo E., **Costa MA**, Sabaté M., Alfonso F., **Bass TA**, Macaya C, Fernández-Ortiz A. Platelet dysfunction associated to insulin therapy in patients with type 2 diabetes: please do not throw the baby out with the bath water! *J Am Coll Cardiol* 2007 (in press).

Angiolillo D.J., Fernández-Ortiz A, Bernardo E., Alfonso F., Macaya C, **Bass TA, Costa MA**. Variability in Individual Responsiveness to Clopidogrel: Clinical Implications, Management and Future Perspectives. *J Am Coll Cardiol* 2007 (in press).

Angiolillo DJ. Antiplatelet therapy in type 2 diabetes mellitus. *Current Opinion in Endocrinology and Diabetes* 2007 (in press).

Gómez-Moreno S, Sabaté M, Jiménez-Quevedo¹ P, Vázquez P, Alfonso F, **Angiolillo DJ**, Hernández-Antolín R, Moreno R, Bañuelos C, Escaned J, Macaya C. Iatrogenic dissection of the ascending aorta following heart catheterization: incidence, management and outcome. *EuroInterv* 2007 (in press).

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Costa MA, Shoemaker S, Futamatsu H, Klassen C, **Angiolillo DJ**, Nguyen M, Siuciak A, Gilmore P, **Zenni MM, Guzman L, Bass TA, Wilke N**. Myocardial Perfusion Reserve Determined by Magnetic Resonance Perfusion

Correlates with Invasive Physiologic and Anatomical Assessments of Coronary Artery Disease. *J Am Coll Cardiol* 2007 (submitted)

Wainstein MV; **Costa MA**; Ribiero JP; Zago AJ; Campos MR, Courtney BK, Ghazarossian VE, Tsugita RS, Sadaat V, Rogers C. Vulnerable plaque detection by temperature heterogeneity measured with a guidewire system: clinical, intravascular ultrasound, and histopathologic correlates. *Am J Cardiol* 2007 (submitted).

HONORS AND AWARDS

Stephen J. Lavine, M.D.

2006 University of Florida Exemplary Teaching Award.

Dominick Angiolillo, M.D., Ph.D.

2006 Florida State "Stop the Heart" Researcher of the Year Award – Florida Heart Institute/ Florida Chapter of the American College of Cardiology.

Winner of the Leonardo da Vinci Scholarship of the European Community (Brussels, 1998).

Young Investigator Award of the Italian Society of Cardiology in basic cardiological research (Rome, December 1997, 1998, 199, 2001, 2002).

Winner of the Leonardo da Vinci – Wealth Programme" Scholarship of the European Community (Brussels 2001).

Winner of Investigator Award at the Fifth International Congress on Nuclear Cardiology (Vienna, 2001)

Young Investigator Award for the Best Scientific Contribution in Interventional Cardiology of the Italian Society of Interventional Cardiology (GISE, Verona, October 2002)

Winner of the Training Fellowship in Interventional Cardiology of the European Society of Cardiology (Berlin, August 2002).

Winner of the Cardiovascular Research Award on Thrombosis sponsored by AVENTIS and the Italian Society of Cardiology (Rome December 2002).

Winner of the Marie Curie Individual Fellowship of the European Community for Post-Graduate Cardiovascular Research (Brussels, December 2002).

Investigator Award Finalist of the Spanish Society of Cardiology (Madrid and Seville, October 2002, 2003)

Investigator Award of the Spanish Society of Thrombosis (Salamanca, October 2003).

Cardiovascular Research Foundation Young Investigator Award in Interventional Cardiology (Washington, DC; September 2003).

Young Investigator Award in Thrombosis of the European Society of Cardiology (Munich 2004)

Young Investigator Award in Thrombosis of the European Society of Cardiology (Stockholm 2005)

Marco Costa, M.D., PhD.

2003 Researcher of the Year, *American College of Cardiology – Florida Chapter*, Orlando, FL.

2002 Best Abstract Award, Annual Meeting of the *Brazilian Society of Intervention Cardiology*, Rio de Janeiro, Brazil.

2000 Best Abstract Award, Annual Meeting of the *Vasconavarra-Aragonesa Society of Cardiology*, Spain.

1999 Best International Clinical Trial. III Congress of the *Latin America Society of Interventional Cardiology* (SOLACI), Chile.

Theodore A. Bass, M.D. (2 yrs)

University of Florida, Researcher of the Year (2004)

Jacksonville Business Journal; Super Scientist award (2005)

CLINICAL ACTIVITIES

Inpatient activity	AY 06/07
CV In PT admissions	1,366
Cardiology discharges	2,113
Observations	254
Outpatient activity	
Physician clinic visits	9,729
Cardiac ultrasounds	9,919
Cardiac nuclear studies	2,151
EKGs	45,783
Stress tests	3,561
Heart caths	2,066
EP procedures	199
Device placements	310
Cardiac rehab visits	3,694

CONTRACTS AND GRANTS

RESEARCH			
Sponsor	Date Begun	Study	
Eli Lilly	6/05	TIMI38	
Eli Lilly	7/06	SWAP	
Eli Lilly	11/06	TIMI44	
HCRI	3/06	Resistor	
Medtronic	1/05	Endeavor	
Otsuka	2/06	Eclipse	
Sanofi-Synthelabo	7/05	Stradivarius	
Corautus Genetics	7/05	Genasis	
Baxter	7/06	ACT34	
Abbott Vascular	6/06	ZoMaxxII	
Pfizer	11/03	PfizerA5901005	
Flowmedica	6/05	BNP-002	
Abbott Vascular	7/06	Exact	
NHLBI	12/06	Coral	
FoxHollow	4/06	Leap	
Medtronic	3/05	Reverse	
Guidant	3/05	SitelineAPL	
Guidant	4/05	Easytrak4	
St. Jude Medical	9/05	PAS	
St. Jude Medical	9/05	VER	
St. Jude Medical	9/05	AFS	
Irvine Biomedical	11/05	CoolPath	
St. Jude Medical	11/05	RethinQ	

Zealand Pharma	5/06	Zealand	
Research Grant Total: \$1,619,381.10			
CONTRACTS & GRANTS, CARDIOVASCULAR IMAGING CORE LABORATORIES AND BASIC RESEARCH			
Sponsor	Date	Role of Nominee	Total Award
Cordis Corporation	2003-2006	STLLR Trial, PI Responsibility, Fellow Grant and Core Lab	\$725,000
Cordis Corporation	2005-2006	Director, Educational Seminars	\$40,000
Cordis Corporation	2005-2006	Diabetes II Trial, Core Lab	\$93,000
Sorin Biomedical Cardio	2005-2006	Diabetes III Trial, Core Lab	\$226,530
XTENT Inc	2005-2006	Custom I Trial, Core Lab	\$17,200
XTENT Inc	2006-2007	Custom II Trial, Core Lab	\$46,000
XTENT Inc	2006-2007	Custom III Trial, Core Lab	\$54,000
Pathway Medical Technologies	2006-2007	The Pathway PV Trial, Core Lab	\$120,000
Corautus, Inc	2006	Genesis MRI Trial, Core Lab	\$3,200
NIPRO Medical Corporation	2005-2006	Principal Investigator	\$15,000
Cordis Japan	2006-2011	Unrestricted Educational Grant, Core Lab	\$300,000
Japan Gunma	2006-2007	Administration Fee for Research PDA, Core Lab	\$20,000
Boston Scientific	2006	Educational Program, Core Lab	\$10,000
University of Florida	2005-2006	Circulating Endothelial Progenitor Cell...	\$10,000
Funding Source	Date	Research Project	Total Award
University of Florida	2005-2006	Circulating Endothelial Progenitor Cell and its Association with Coronary Artery Disease in Patients with Diabetes	\$10,000
University of Florida	2005-2006	A Randomized Comparison Between Two Different Clopidogrel Maintenance Doses in Patients with Diabetes Mellitus and Coronary Artery Disease	\$10,000
University of Florida	2005-2006	Clopidogrel Effects on Neointimal Hyperlasia Following Coronary Stent Implantation in Diabetic Patients	\$5,000
University of Florida	2005-2006	Renal Vascular Intervention in a Cohort of Heart Failure Patients	\$5,000
University of Florida	2005-2006	Investigation of Current Clinical Patterns and Outcome of Patients with Heart Failure	\$5,000
University of Florida	2005-2006	Correlation Between Cardiac MRI Perfusion and Invasive Physiologic Coronary Assessments	\$5,000
University of Florida	2005-2006	Characterization of Carotid Atherosclerotic Artery Disease Using High Resolution Magnetic Resonance Angiography: Comparison with 3D Intravascular Ultrasound (IVUS).	\$5,000
University of Florida	2005-2006	Significance of Normal CK to CKMB Ratio and Elevated Troponin in Patients Without Chest Pain	\$2,040

DIVISION OF ENDOCRINOLOGY
ACADEMIC YEAR 2007 (7/06 – 6/07)

Highlights

Academic year 2006 was characterized by stabilization of the Division's clinical practice. The delivery of high quality patient care continued. Plans for the addition of three more endocrinologists were made and brought to fruition by the hiring of the additional endocrinologists who will start in 2007. Finally the endocrine diabetes clinics were relocated in the new outpatient practice facility. A new initiative to improve the diabetes care of hospitalized diabetic patients at Shands Jacksonville was undertaken.

Patient Care: The Division provides inpatient and outpatient consultation for the University of Florida Jacksonville campus and satellite offices as well as for referring physicians in private practice. Dr. Lavine and physician assistant Don Reed are the current core clinical faculty. All clinical endocrinology problems are addressed by the Division, including diabetes, thyroid disease, adrenal disease and all other endocrinopathies. Thyroid needle biopsy procedures and radioactive iodine therapy for hyperthyroidism and thyroid malignancies are offered by the division. The Division also coordinates an American Diabetes Association accredited outpatient education service that includes a certified diabetic educator (Evelyn Schumacher, RD, CDE).

Education: The Division of Endocrinology and Diabetes provides a key educational experience for medical students and residents in Internal Medicine. Trainees from both areas participate in a consult month of endocrinology, and are mentored by Dr. Lavine. Division faculty also participate in resident morning report, the noon lecture series, Departmental Grand Rounds, and designated slots for Endocrinology board review sessions. In addition, the Division facilitates continuing medical education in endocrinology and diabetes through lectures and seminar with community and University of Florida satellite physicians.

Research: Research activities are limited by the current size of the Division. However, initiatives are underway to participate as a study in several national clinical trials. As faculty recruitment goals are met, this facet of the academic mission will become attainable.

LISTING OF FACULTY MEMBERS

Robert Lavine, M.D., Associate Professor and Division Chief

Medical School / Graduation date	George Washington University	1966
Internship/residency and year	Boston City Hospital	1968
Subspecialty training and year	Harvard Medical School	1970

Arshag Mooradian, M.D., Professor and Department Chair

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

Kent Wehmeier, M.D., Associate Professor

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

PUBLICATIONS

Marston WA, **Mooradian AD** (site PI) for the Dermagraft Diabetic Foot Ulcer Study Group. Risk factors associated with healing chronic diabetic foot ulcers: The importance of hyperglycemia. *Ostomy Wound Manage.* 52: 26-39, 2006.

Horani MH, Haas MJ, **Mooradian AD**. Suppression of hyperglycemia-induced superoxide formation and endothelin-1 gene expression by carvedilol. *Am. J. Therapeutics.* 213:2-7, 2006.

Mooradian AD, Haas MJ, Wadud K. Ascorbic acid and α -tocopherol down regulate apolipoprotein AI gene expression in HepG2 and Caco-2 cell lines. *Metabolism: Clinical and Experimental* 55:159-167, 2006.

Horani MH, Haas MJ, **Mooradian AD**. Saturated, unsaturated, and trans fatty acids modulate oxidative burst induced by high dextrose in human umbilical vein endothelial cells. *Nutrition* 22:123-127, 2006.

Mooradian AD, Haas MJ, Wong NCW. The effect of select nutrients on serum high density lipoprotein cholesterol and apolipoprotein A-I levels. *Endocrine Reviews* 27:2-16, 2006.

Mooradian AD. Antioxidants and Diabetes. *Nestle Nutr Workshop Ser Clin Perform Programme.* 11:107-125, 2006.

Steiner G et al. for the BARI 2D Trial Investigators. Statement of the problem. *Am. J. Cardiol* 97[suppl]:3G-8G, 2006. **Mooradian AD** site PI and member of the Steering committee.

Brooks MM et al. for the BARI2D Trial Investigators. Hypotheses, design, and methods for the Bypass Angioplasty Revascularization Investigation 2 diabetes (BARI 2D) Trial. *Am. J. Cardiol* 97[suppl]:9G-19G, 2006. **Mooradian AD** site PI and member of the Steering committee.

Magee MF, Isley WL for the BARI2D Trial Investigators. Rationale, design and methods for glycemic control in the Bypass Angioplasty Revascularization Investigation 2 diabetes (BARI 2D) Trial. *Am. J. Cardiol* 97[suppl]:20G-30G, 2006. **Mooradian AD** site PI and member of the Steering committee.

Barsness GW, Gersh BJ, Brooks MM, Frye RL for the BARI2D Trial Investigators. Rationale for the revascularization arm of the Bypass Angioplasty Revascularization Investigation 2 diabetes (BARI 2D) Trial. *Am. J. Cardiol* 97[suppl]:31G-40G, 2006. **Mooradian AD** site PI and member of the Steering committee.

Albu J, Gottlieb SH, August P, Nesto R, Orchard TJ for the BARI2D Trial Investigators. Modifications of coronary risk factors. *Am. J. Cardiol* 97[suppl]:41G-52G, 2006. **Mooradian AD** site PI and member of the Steering committee.

Sobel BE for the BARI2D Trial Investigators. Ancillary studies in the Bypass Angioplasty Revascularization Investigation 2 diabetes (BARI 2D) Trial: Synergies and opportunities. *Am. J. Cardiol* 97[suppl]:53G-58G, 2006. **Mooradian AD** site PI and member of the Steering committee.

Hlatky MA, Meslop KA, Boothroyd DB for the BARI2D Trial Investigators. Economic evaluation of alternative strategies to treat patients with diabetes mellitus and coronary artery disease. *Am. J. Cardiol* 97[suppl]:59G-65G, 2006. **Mooradian AD** site PI and member of the Steering committee.

Case CC, **Mooradian AD**. Elevated plasma chromogranin A levels secondary to assay interference: A source of diagnostic confusion. *Endocrine Practice* 12:476-477, 2006.

Haas MJ, Horani MH, Parseghian SA, **Mooradian AD**. Statins prevent dextrose-induced endothelial barrier dysfunction possibly through inhibition of superoxide formation. *Diabetes* 55:474-479, 2006.

Morgentaler A for the National Tadalafil Study Group. Efficacy and safety of tadalafil across ethnic groups and various risk factors in men with erectile dysfunction: use of a novel non-inferiority study design. *J. Sexual Med.* 3: 492-503, 2006.

Beers A, Haas MJ, Wong NCW, **Mooradian AD**. Inhibition of apolipoprotein AI gene expression by tumor necrosis factor α : Roles for MEK/ERK and JNK Signaling. *Biochemistry* 45: 2408-2413, 2006.

Mooradian AD, Korenman SG. Management of the cardinal features of andropause. *Am. J. Therapeutics* 13: 145-160, 2006.

Mooradian AD, Bernbaum M, Albert SG. Narrative review: A rational approach to starting insulin therapy. *Ann. Intern. Med.* 145:125-34, 2006.

Mooradian AD. The dietary regulation of high density lipoprotein cholesterol. *Commentary* May 2006, International Atherosclerosis Society, <http://www.athero.org>; accessed July 15, 2006.

Hachem SB, **Mooradian AD**. Familial dyslipidaemias: An overview of genetics, pathophysiology and management. *Drugs* 66: 1949-1969, 2006.

Bantle JP, Wylie-Rosett J, Albright AL, Apovian CM, Clark NG, Franz MJ, Hoogwerf BJ, Lichtenstein AH, Mayer-Davis E, **Mooradian AD**, Wheeler ML. American Diabetes Association. Nutrition Recommendations and Interventions for Diabetes–2006 A position statement of the American Diabetes Association. *Diabetes Care* 29:2140-2157, 2006.

CLINICAL ACTIVITIES

Inpatient Activity	AY 06/07
Number of IP Consults	75
Outpatient Activity	
Clinic Visits	3308

CONTRACTS AND GRANTS

Principle Investigator	Sponsor	Date	Title
Mooradian A	NHLBI; National Institute of Health	3/1/01-3/1/10	Bypass Angioplasty Revascularization Investigation in type 2 Diabetes
Mooradian A	NIH; National Institute on Aging	2007-2009	Formulated Phytosterols – A New Treatment for Benign Prostatic Hyperplasia
Mooradian A	Shands/UF CME	2007-2008	Impact of Diabetes Education on Outcome of Hospitalized Diabetic Patients

DIVISION OF GASTROENTEROLOGY
ACADEMIC YEAR 2007 (7/06 – 6/07)

Highlights

The Division saw outpatients at the on-campus Ambulatory Care Center (ACC), Emerson Gastroenterology Clinic (Emerson), Northside Multi-specialty Clinic (Northside), Shands Jail Clinic, UF Jacksonville Faculty Clinic, VA Clinic in Jacksonville, Duval County Health Department, Beaches Digestive Clinic, and the Southside Digestive Clinic.

Ambulatory motility studies, capsule endoscopy, and diagnostic breath tests were performed at Emerson. Endoscopy procedures were performed at Shands Jacksonville Medical Center.

Patient Care: The patient care aspect of the academic mission is pursued by the Division through four University of Florida clinics, the provision of inpatient consult services at Shands Jacksonville, inpatient and outpatient GI services at Baptist Medical Center Beaches and St. Luke's Hospital, as well as providing outpatient services at the Jacksonville Veterans Administration Medical Center, and the Duval County Department of Health. The Division continues to be the leader in Northern Florida in the treatment of viral hepatitis and staffs a gastrointestinal motility laboratory that is among the most active in the state.

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

The division conducted a gastroenterology fellowship program which consists of two fellows a year for three years. The program was pleased to continue its 100% board passage rate by previous year's graduates. Work is underway to prepare for an upcoming accreditation site visit.

Research: Divisional research activities include clinical trials, and giving presentations at regional and national meetings. The Division will continue to mentor and guide residents and fellows in their research endeavors and will focus on continued recruitment efforts for faculty with skill sets in hepatology and therapeutic endoscopy. The GI fellowship program anticipates further successes in recruiting high quality candidates and the faculty plans continued interaction and mentoring of resident research activities.

LISTING OF FACULTY MEMBERS

Louis Lambiase, M.D., Assistant Professor and Division Chief

Medical School / Graduation date	University of Miami	1987
Internship/residency and year	University of Pittsburgh	1990
Subspecialty training and year	University of Florida	1992

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

Byron Kolts, M.D., Professor

Medical School / Graduation date	University of Rochester	1964
Internship/residency and year	Dartmouth Medical School/University of Vermont	1967
Subspecialty training and year	University of Florida	1972

Ravi Kottoor, M.D., Associate Professor

Medical School / Graduation date	Kasturba Medical College, India	1970
Internship/residency and year	Ottawa Civic Hospital	1974
Subspecialty training/year	Dalhousie University, Canada	1975

Juan Munoz, M.D., Assistant Professor

Medical School / Graduation date	Universidada Complutense, Spain	1991
Internship/residency and year	University of Florida – Jacksonville	2001
Subspecialty training and year	University of Florida – Jacksonville	2004

Edward Partyka, M.D., Assistant Professor

Medical School / Graduation date	Ohio State University	1973
Internship/residency and year	Mount Carmel Medical Center	1976
Subspecialty training and year	University of Arizona, VA Hospital	1980

Paul Sievert, M.D., Assistant Professor

Medical School / Graduation date	University of Miami	1996
Internship/residency and year	Medical College of Virginia	1999
Subspecialty training and year	University of Florida – Jacksonville	2003

Kenneth Vega, M.D., Associate Professor

Medical School / Graduation date	Cornell University Medical College	1988
Internship/residency and year	Boston University School of Medicine	1991
Subspecialty training and year	Temple University Hospital	1995

PUBLICATIONS

Lambiase L, Harrison J. The impact of GME on Teaching Hospital Efficiency. Journal of Health Care Finance. Accepted 5/10/2007 for publication in Fall 2007.

Vega KJ, Rabaa E, Jamal MM. Lower esophageal sphincter pressure and distal esophageal body function between Hispanic Americans and non-Hispanic whites are equivalent J Clin Gastroenterol. 2007 Feb;41(2):141-4.

Rascon-Aguilar, I; Pamer, M; Wludyka, P; Nahman, S, **Lambiase, L**; Cury, J Coultas, D; **Vega, K** The Role of Gastroesophageal Reflux in Exacerbations of Chronic Obstructive Pulmonary Disease Chest. 2006 Oct;130(4):1096-101

Balan V, Nelson DR, Sulkowski MS, Everson GT, **Lambiase LR**, Wiesner RH, Dickson RC, Post AB, Redfield RR, Davis GL, Neumann AU, Osborn BL, Freimuth WW, Subramanian GM. A Phase I/II study evaluating escalating doses of recombinant human albumin-interferon-alpha fusion protein in chronic hepatitis C patients who have failed previous interferon-alpha-based therapy. Antivir Ther. 2006;11(1):35-45.

Gupta, R, **Munoz, JC**, Garg, P, Masri, G, Nahman, NS, **Lambiase, LR**. Mediastinal Pancreatic Pseudocyst - A Case Report and Review of the Literature Medscape General Medicine. 2007;9(2):8

Munoz JC, **Lambiase LR**,. Hereditary Colon Cancer *in* Katz J ed Medicine , OB-GYN, Psychiatry and Surgery Emedicine.com 2007 Accepted for e-publication

Habashi SL, **Lambiase LR**, Anand MK, Mishark, KJ, Nguyen C, Dubin Johnson Syndrome *in* Katz J ed Medicine , OB-GYN, Psychiatry and Surgery Emedicine.com 2006

Cole, M, **Lambiase LR**. Updates and Future Trends in Colorectal Cancer Screening. Northeast Florida Medicine 2007;58(1):27-32.

DiTeodoro LA, Reddy S, **Vega KJ**. Gastrointestinal manifestations of ovarian hyperstimulation syndrome. Am J Gastroenterol 2006; 101 (suppl): S289.

DiTeodoro LA, Reddy S, **Vega KJ**. Gastrointestinal stromal tumor: an atypical presentation of upper gastrointestinal bleeding. Am J Gastroenterol 2006; 101 (suppl): S255-S256. (Poster presentation, ACG 2006)

HONORS AND AWARDS

Drs. Bass and Lambiase were noted as "Top Doctors" by Jacksonville Magazine

Dr. Lambiase was awarded notice as one of the "Best Doctors" in America

Degrees Earned:

Louis Lambiase: Master of Health Administration, August 2006

CLINICAL ACTIVITIES

Data is not available for all sites; however the activity detail is as follows:

Clinic Visits

Site	Visits
ACC	1704
Emerson	4900
Faculty Clinic	443
Northside	1669
Jail Clinic	53

Procedures at Emerson

Procedure	Visit
Remicade Infusion	111
Esophageal Manometry	103
Capsule Endoscopy	37
Anorectal Manometry	35
24 Hr pH Probe	59
Breath Tests	105

Endoscopy Procedures

Procedure	Number
Upper Endoscopy	1669
Colonoscopy	2705
ERCP	107
Upper Endoscopic Ultrasound	78
Lower Endoscopic Ultrasound	14
Liver Biopsy	69

Small Bowel Enteroscopy	11
Flexible Sigmoidoscopy	264

GRANTS AND CONTRACTS

Principal Investigator	Title	Amount Funded (July 2006 – present)	Source	Total Awarded
Lambiase, Louis R	A 6 Week Novartis Study Of Females With GI Issues	\$ 2,905.00	Industry	\$ 20,937.50
Lambiase, Louis R	Phase II Human Albumin-Interferon	\$ 3,000.00	Industry	\$ 97,563.78
Lambiase, Louis R	IDEAL treatment for Hep C Geno 1 treatment naive	\$ 53,398.00	Industry	\$ 62,918.00
Lambiase, Louis R	Short Term Treatment for chronic OBD	\$ 2,972.80	Industry	\$ 3,972.80
Lambiase, Louis R	Long Term Treatment for Chronic OBD	\$ 1,000.00	Industry	\$ 2,000.00
Lambiase, Louis R	Extension Protocol to Evaluate Long-Term Effects PEG-IF	\$ 2,700.00	Industry	\$ 3,400.00
Lambiase, Louis R	Short Term Alizyme Renzapride Study in IBS-c (038)	\$ 26,117.00	Industry	\$ 30,587.00
Lambiase, Louis R	ATL1251/052 Long Term Alizyme Study in IBS-c (052)	\$ 4,189.00	Industry	\$ 4,189.00
Lambiase, Louis R	NV18209 Pegasys/Copegus in Hep C Co-Infected with HIV	\$ 7,809.50	Industry	\$ 16,303.25
Lambiase, Louis R	HGS1008-C1060 Albumin Interferon compared to Pegasys	\$ 3,607.06	Industry	\$ 3,607.06
Munoz, Juan C	C-Difficile Associated GI Treatments	\$ 9,717.00	Industry	\$ 20,933.67
Munoz, Juan C	Tegaserod for the treatment of OIC with non-cancer pain	\$ 3,100.00	Industry	\$ 3,100.00
Vega, Kenneth J	Comparison Of Normal Values Of Esophageal 24-Hour Acid	\$ 22,222.23	Industry	\$ 67,543.12
Vega, Kenneth J	Validation of the GERQ for use in African Americans	\$ 16,041.67	Industry	\$ 16,041.67

Grants Awarded, not yet funded:

COPD patients diagnosed with gastro esophageal reflux disease have decreased rates of COPD exacerbations after treatment with high dose proton pump inhibitor therapy.

Principal investigator: Kenneth Vega
 Funding organization: TAP Pharmaceuticals
 Starting date: June 2007
 Award amount: \$ 125,000

DIVISION OF GENERAL INTERNAL MEDICINE
ACADEMIC YEAR 2007 (7/06 - 6/07)

Highlights

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

Patient Care: The Division of General Internal Medicine is comprised of 14 members who are board certified in Internal Medicine. Their clinical care includes: the provision of inpatient care as the attendings for the four inpatient teaching services, outpatient care at three locations: the ACC, Faculty Clinic and the UF Multispecialty Clinic on Emerson, an inpatient Internal Medicine consultation service and medical evaluation of patients admitted to the Psychiatry service. The Division has experienced significant growth in its outpatient practice as the newer physicians in the group have established themselves as excellent clinicians. One of the highlights of the outpatient practice is the JaxHATS (Jacksonville Health and Transition Services) Clinics held on Tuesday and Thursday mornings. Dr. Edwards, in conjunction with Dr. Wood, a general pediatrician, have established this new clinic that provides a medical home for adolescents and young adults with special health care needs who are transitioning from their pediatricians to adult providers. Dr. Foster has assisted

In the fall of 2006, Dr. House was appointed Chief, Division of Hospital Medicine.

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

Dr. Sottile conducted her second faculty development seminar for six members of the division in the fall of 2006. The seminar ran for 8 weeks for a total of 16 hours. The topic was "Clinical Teaching". The first seminar was held in the spring of 2006 with 8 faculty members participating. Dr. Sottile participated as a facilitator in a faculty development seminar at Duke University. 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.

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

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

Research: Research in the Division continues to focus on continuing medical education, clinical research, and faculty facilitation of resident research projects. Drs. House, Ketty and Petrucelli worked with resident recipients of the Dean's Fund research awards. Dr. Halperin continues to focus on non-traditional areas of research and has completed a study looking at the use of mind body medicine to

reduce stress in IM and ER residents. Dr. House has several clinical studies ongoing and Drs. Alexandraki and Palacio are evaluating the Diabetes Education program at UF and Shands.

LISTING OF FACULTY MEMBERS

Current Faculty

Irene Alexandraki, M.D., Assistant Professor

Medical School / Graduation date	University of Athens, Greece	1989
Internship/residency and year	Hahnemann University Hospital	1998
Subspecialty training and year	Baylor College of Medicine (Infectious Disease)	2001

Linda Edwards, M.D., Associate Professor and Division Chief

Medical School / Graduation date	East Carolina University	1981
Internship/residency and year	Jacksonville Health Education Programs	1985

Malcolm Foster, M.D., Professor

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

Alan Halperin, M.D., Professor

Medical School / Graduation date	University of Kansas	1971
Internship/residency and year	University of Wisconsin	1974

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
Chief Medical Resident	University of Florida – Jacksonville	2001

Arpitha Ketty, M.D., Assistant Professor

Medical School / Graduation date	University of Southern California, Los Angeles	1999
Internship/residency and year	University of California, Davis	2002

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

Senthil Meenrajan, M.D. M.B.A, Assistant Professor

Medical School / Graduation date	Madras Medical College, India	1997
Internship/residency and year	Robert Packer Hospital	2004
Subspecialty training and year	Oregon Health Sciences University (Geriatric Medicine)	2005
Post-graduate training and year	Canyon College (MBA: Healthcare Administration)	2004

Carlos Palacio, M.D., Assistant 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 (MBA: Healthcare Administration)	2007

Olga Petrucelli, M.D., Assistant Professor

Medical School / Graduation date	University of South Florida	1996
Internship/residency and year	University of Chicago Hospital	1999

James Phillips, M.D., Assistant Professor

Medical School / Graduation date	St. George's University, West Indies	2001
Internship/residency and year	University of Florida, Jacksonville	2005

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

Manish Relan, M.D., Assistant Professor

Medical School / Graduation date	Armed Forces Medical College, India	1995
Internship and year	Brookdale University Hospital	2000
Residency and year	Scranton Temple Residency Program	2002

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

I. Alexandraki, Contributing author "*Community Acquired Pneumonia*" chapter of the textbook "*Medicine Essentials for Clerkship Students*", Clerkship Directors in Internal Medicine-ACP, 2006

I. Alexandraki, Contributing author "*Urinary Tract Infection*" chapter of the textbook "*Medicine Essentials for Clerkship Students*", Clerkship Directors in Internal Medicine-ACP, 2006

Collet-Sicard Syndrome: An Uncommon Manifestation of Metastatic Prostate Cancer: G. Chacon,

I. Alexandraki, C. Palacio. *Southern Medical Journal* 2006 Aug; 99(8):898-9

Natural history of Vascular Access Catheters in Hemodialysis Patients, V. Lopez de Mendoza, S Reddy, R Sullivan, C Le, N Naik, R Zaiden, **I Alexandraki**, B Cuhaci, NS Nahman Jr., Accepted, Southern AFMR, J Invest Med, in press

Hepatitis C Viral Load and the risk of Bacteremia in Hemodialysis patients with Vascular Catheters, S Reddy, R Zaiden, R Sullivan, N Niak, **I Alexandraki**, NS Nahman Jr., Accepted, Southern AFMR, J Invest Med, in press

Surveillance cultures in Hemodialysis patients with vascular catheters, R Sullivan, R Zaiden, S Reddy, V Lopez, H Kim, **I Alexandraki** and N S Nahman Jr. Abstract F-554028 presented at ASN 39th Annual Renal Week Meeting, San Diego, CA, 2006

Cross-sectional study of the relationship between hepatitis C and bacteremia in hemodialysis patients with vascular catheters, R Zaiden, R Sullivan, S Reddy, V Lopez, H Kim, **I Alexandraki**, and N S Nahman Jr., Abstract F-554111 presented at ASN 39th Annual Renal Week Meeting, San Diego, CA, 2006

Relationship between Hepatitis C and Bacteremia in Hemodialysis Patients with Catheters, R. Sullivan,

R. Zaiden, D. Jones, **I. Alexandraki**, U. Bhatt, H. Vu, NS. Nahman Jr. Abstract presented (oral presentation) in the 2006 Meeting of the Southern Society for Clinical Investigation, Atlanta, GA.

J Invest Med, 54:S298, 2006

Halperin AK, Rathore M. Laughter therapy improves depression in patients with HIV/AIDS. (in preparation).

Arnaldo, F, **House J**, Cocaine-induced non-ST elevation myocardial infarction: an uncommon electrocardiographic presentation. *Emergency Medicine Journal* 2006; 23:816-817

Mediastinal Pancreatic Pseudocyst - A Case Report and Review of the Literature. Ruchi Gupta,MD; Juan C. Munoz,MD; Praveen Garg,MD; **Ghania Masri MD**; Norris S.Nahman,MD; Louis R. Lamdiase,MD. *Medscape General Medicine*. 2007; 9(2):8.

The Role of Clinical Information Systems in Healthcare Quality Improvement

The Health Care Manager 25(3), 206-12 July 2006.

Harrison, Jeffrey P. and **Palacio, Carlos**

PMID: 16905990

Collet-Sicard Syndrome: An Uncommon Manifestation of Metastatic Prostate Cancer

Gina Chacon, MD, **Irene Alexandraki, MD, Carlos Palacio, MD**

Case Report

South Med J. 2006 Aug; 99(8):898-9

PMID: 16929891

A Conceptual Model for Benchmarking Electronic Medical Records Initiatives

Palacio, C, Harrison, JP, Garets, D

Journal of Healthcare Information Management (submitted August 2007)

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Characteristics of Patients Prescribed Angiotensin Converting Enzyme Inhibitors, Angiotensin Receptor Blockers, or the Combination at an Urban Medical Center **Masri, Ghania MD**; Bledsoe, Kristi PharmD; **Palacio, Carlos MD** (Submitted *MedGenMed* June 2007)

Palacio C. Rickets. BMJ Publishing Group Point-of-Care Web site. 2007, Pending Publication

Palacio, C. Contributing author "COPD" chapter of the textbook "Internal Medicine Essentials for Clerkship Students" 4th edition, ACP- Clerkship Directors in Internal Medicine, 2008 (in preparation)

Palacio, C. Contributing author "Hepatitis" chapter of the textbook "Internal Medicine Essentials for Clerkship Students" 4th edition, ACP- Clerkship Directors in Internal Medicine, 2008 (in preparation)

Palacio, C. Writer Multiple Choice Question for CDIM MKSAP 4 for students (hepatitis and COPD)

Palacio, C. Reviewer MKSAP for Students 4 Multiple Choice Questions (Endocrinology and General Medicine)

E Ibegbu, **Relan, M**, Vega, K. *American Journal of Gastroenterology*, Retrograde Jejuno-duodenogastric Intussusception Caused by a Migrated Percutaneous Feeding Tube: Case report and Review of the Literature, Publication Date: 2006, Pending Publication.

HONORS AND AWARDS

Irene Alexandraki, M.D. Fellowship, American College of Physicians

Linda Edwards, M.D. Elected Member and Vice-President, Faculty Council HSC/Jacksonville
Member, Executive Committee, UF Self-Insurance Program

Malcolm Foster, M.D.	Governor, Florida Chapter of the American College of Physicians Board of Directors, Duval County Medical Society Board of Directors, ACP Foundation, Vice-Chairman Chair, Pharmacy and Therapeutics Committee UF & Shands Jacksonville Medical Center (SJMC)
Alan Halperin, M.D.	Chair, Institutional Review Board, UF & SJMC
Jeff House, D.O.	University of Florida Exemplary Teacher Award 2006 Fellow, American College of Physicians
Carlos Palacio, M.D.	Vice-Chair, Institutional Review Board University of Florida Exemplary Teacher Award 2007 Fellowship, American College of Physicians MPH, University of North Florida August 2007 Elected Member, Faculty Council
Manish Relan, M.D.	University of Florida Exemplary Teacher Award 2007

CLINICAL ACTIVITIES

Inpatient Activity	AY 06/07
Numbers of Inpatient Admissions	4330
Inpatient Days	22892
Average length of stay	5.29
Number of OBU Admissions	1459
Number of SNU Admissions	314
Number of IP Consults	1910
Outpatient Activity	
Clinic Visits	17696

DIVISION OF HEMATOLOGY & MEDICAL ONCOLOGY
ACADEMIC YEAR 2007 (7/06 – 6/07)

Highlights

The Division's move of administrative office space to the 4th floor of the Pavilion Annex in November 2005 has been a success for the Medical Oncology Division. In 2006 the division hired an outpatient social worker to improve patient care. Medical oncology was provided resources to develop a call center that would improve access to patient care. Communication among all patient care related staff has increased as a result of centralization of most oncology services. The division continues to expand multi-disciplinary clinics and with the addition of the Thoracic Oncology Multi-Disciplinary Clinic there has been a significant improvement in patient convenience.

Patient care: The division continues to work closely with hematology-oncology leadership, and central administration of the UF College of Medicine - Gainesville, to coordinate the divisional mission with growth and development of the Proton Beam Treatment Facility. It is anticipated that when at full capacity, the facility will result in a 30-50% increase in inpatient and outpatient activity. With hiring of additional faculty, the division has increased its ability to serve patient demands and to set a foundation for increasing patient volumes.

Education: The division continues to support the Internal Medicine Residency Program through facilitation of morning report and noon conference core curriculum. The division offers a consult experience in medical oncology to residents of all training levels. We have a weekly didactic lecture series that gives fellows the opportunity to present cases to faculty. Continuing support of education to division fellows, we have a monthly Journal Club that generates discussion on various oncology related topics throughout the year. The fellowship in medical oncology continues to prosper with all positions for July 2006 and 2007 filled.

Research: The Division is currently engaged in 15 clinical hematology/oncology trials. With the opening of the new clinical facilities and the addition of faculty, new clinical research initiatives began in hematology.

Recruitment efforts led to the arrival of Dr. Fauzia Rana in June 2006, along with Dr. Ru-Amir Walker in July 2006. We have been successful with hiring of Dr. Janet Hosenpud. Her arrival is expected in July of 2007, and she will be the new Fellowship Director. With these recruitment initiatives, the expanded clinical infrastructure and continued development of the Proton Beam Treatment Facility, the division expects to continue expanding all facets of the academic mission.

LISTING OF FACULTY MEMBERS

New Faculty

Fauzia Rana, MD, Assistant Professor

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

Ru-Amir Walker, MD, Assistant Professor

Medical School / Graduation date	St George University	2001
Internship/residency and year	University of Florida Jacksonville	2004

		or Responding Grade 1 or 2 Follicular B-Cell Lymphomas
Pham, Dat	Medarex	Phase III Trial, Melanoma Stage III or IV
Pham, Dat	Sanofi-Synthelabo	Hyperuricemia – Plasma Uric Acid Management
Pham, Dat	Merck & Co, Inc.	Phase I/II, Lung – NCSLC Relapses or Refractory
Walker, Ru-Amir	Amgen, Inc.	Phase II, MDS – Indication – Thrombocytopenia associated with lenalidomide therapy in MDS
Walker, Ru-Amir	Amgen, Inc.	Phase II, MDS – Indication – Thrombocytopenia associated with hypomethylating agent therapy in MDS
Chingos, James	Icagen, Inc.	Phase III Trial, Sickle Cell – Acute Pain
Chingos, James	Icagen, Inc.	Phase III Trial, Sickle Cell – Acute Pain, Long Term Extension Study
Chingos, James	Bristol-Myers Squibb	Phase III Trial, CML with Chronic Philadelphia Chromosome Positive
Rana, Fauzia	Alexion	Examination of PNH, by Level of CD 59 pm RBC and WBC in bone marrow failure syndrome

DIVISION OF HOSPITAL MEDICINE
ACADEMIC YEAR 2007 (7/06 - 6/07)

Highlights

The Division of Hospital Medicine has experienced a vast amount of growth and maturity considering the program is still in its infancy. For the fiscal year of 2007, which surpassed expectations set in 2006, the hospital medicine program continues to exceed the efficiency demands of complex patient care. Dr. Jeff House continues to serve as Associate Professor and Chief of the Hospitalist Program. The program is mainly structured to serve acute or general inpatient care. However, the Division also provides initial hospital care to emergency and observation room patients to expedite the admission process and to prevent unnecessary admissions. Clinically, the most important event includes allocating most of the inpatient care at the Pavilion. In research, we have acquired a dual Hospitalist and Researcher. Academically, the Division as a whole has not been able to participate in any abstracts or presentations due to our limitation as a non academic division.

Patient Care: The Division of Hospital Medicine provides care for one quarter or 25% of all inpatient admissions as a result of attrition of other private practice physicians, dissolution of family medicine residency and hospital bed expansion. In addition to caring for medical inpatients, the Hospitalists also perform consultations on other services. The end result of these changes has led to an increase in the average daily census from roughly 100 for Fiscal Year 2006 to 130 in Fiscal Year 2007. This number continues to rise with the addition of patients from the Pavilion. This Division routinely cares for the more hospitalized patients of any other service and provides continuous care to the city's indigent, uninsured and underinsured. The Hospital Medicine Physicians also provide care for Humana Medicare patients, University of Florida satellite offices and overflow patients from the teaching services. On several occasions, the Hospitalists provide assistance to Cardiology when its services are maxed. The Division of Hospital Medicine provides in house 24 hour care which is vital to providing quality health care for nightly admissions and cross cover issues.

For the Academic Year of 2007, the Division of Hospital Medicine established a State of the Union Hospitalist Committee. Its primary responsibility is to ensure that patient quality and safety is embedded in the culture of our program. This year has also marked the increasing scope of care Hospitalist service provides.

Education: Although not directly involved with the educational mission of the internal medicine residency, the hospital medicine program played a critical role. Hospital Medicine service continues to be the buffer that allows the Internal Medicine residency to comply with Residency Review Committee rules regarding patient care and duty hours. The hospital medicine staff is also responsible for monitoring procedures performed by residents at night.

Dr. House has been intimately involved in the residency program. He is also a member of the internal medicine faculty; he serves in many facets of resident education. These duties include attending resident continuity clinic and ward services as well lecturing at core conferences and morning report. He also participates in night float rounds on a regular basis. In addition, Dr. House is the director of Clinical Quality Improvement for the residency program. Along with these duties, his position also entails that he proctors the monthly Morbidity and Mortality Conference. Finally, Dr. House is also a member of the Resident Education committee and Key Clinical Faculty.

In the upcoming year, the division has devised plans to expand their educational role by initiating an elective rotation beginning in July 2007. Goals and Objectives for this rotation have been established

and completed ahead of the target date. The hospital medicine division also participates in a monthly journal club presentation and attends the monthly Morbidity and Mortality conference.

Research: Since the Division of Hospital Medicine is primarily focused on the inpatient care service, this has not been an area of emphasis for the division. The division is participating in the Joint Commission of Accredited Healthcare Organizations (JCAHO) core measures surrounding community acquired pneumonia and congestive heart failure. There are 2 faculty (Drs Garg and House) who are currently members of the Medical Performance Improvement Committee. Dr. Garg is the Physician Champion for community acquired pneumonia. For the academic year of 2007, the division of hospital medicine acquired Dr. Kancha, M.D., Ph.D, (Drexel University and George Washington University), who has initiated research on various focuses such as Male Hormone Replacement Therapy and Molecular Mechanisms of Lipoprotein Receptor Gene Regulation.

LISTING OF FACULTY MEMBERS

New Faculty

Ravi Kancha, M.D. Ph.D., Assistant Professor

Medical School / Graduation date	Ross University Medical School	2002
Internship/residency and year	Drexel University College of Medicine	2004
Internship/residency and year	George Washington University Hospital	2007
Postgraduate training and year	Osmania University (PhD Biochemistry)	1991

Vijay Konda, M.D., Assistant Professor

Medical School / Graduation date	Gandhi Medical College, India	2000
Internship/residency and year	Weiss Memorial Hospital	2006

Current Faculty

Angelika Kharrazi, M.D., Assistant Professor

Medical School / Graduation date	Saba University School of Medicine, Netherlands	2000
Internship/residency and year	University of Florida, Jacksonville	2006

Ernst Michel, M.D., Assistant Professor

Medical School / Graduation date	University of Montemorelos, Mexico	2001
Internship/residency and year	San Juan City Hospital, Puerto Rico	2006

Nonette Asistores, M.D., Assistant Professor

Medical School / Graduation date	De La Salle University, Philippines	1986
Internship/residency and year	University of Florida, Jacksonville	2004

Praveen Garg, M.D., Assistant Professor

Medical School / Graduation date	MBBS, University of Delhi, India	1998
Internship/residency and year	University of Rochester	2006

Saw Po, M.D., Assistant Professor

Medical School / Graduation date	Institute of Medicine II, Myanmar (Burma)	1987
Internship/residency and year	University of Florida, Jacksonville	2001

Edgar Alvarez, M.D., Assistant Professor

Medical School / Graduation date	National University of Columbia	1975
Internship/residency and year	University of Florida, Jacksonville	1994

Arshia Cottey, M.D., Assistant Professor

Medical School / Graduation date	Dow Medical College, Pakistan	1993
Internship/residency and year	University of Florida, Jacksonville	2001

John Daniels, D.O., Assistant Professor

Medical School / Graduation date	University of Health Sciences college of Osteopathic Medicine	2002
Internship/residency and year	University of Florida, Jacksonville	2006

Ivan Rason - Aguilar, M.D., Assistant Professor

Medical School / Graduation date	Universidad San Carlos de Guatemala, Guatemala	2000
Internship/residency and year	University of Florida, Jacksonville	2005

Monique Walcott, M.D., Assistant Professor

Medical School / Graduation date	Boston University	2003
Internship/residency and year	University of Florida, Jacksonville	2006

Jeff House, D.O., Associate Professor and Division Chief

Medical School / Graduation date	Nova Southeastern University	1997
Internship/residency and year	University of Florida, Jacksonville	2001

PUBLICATIONS

Arnaldo F, **House J**, Cocaine-induced non- ST elevation myocardial infarction: an uncommon electrocardiographic presentation. *Emergency Medicine Journal* 2006; 23;816-817

Garg P, Gupta R, Hsi D, Sheils L, DiSalle MR, Woodlock TJ. Hypertrophic cardiomyopathy and symptomatic conduction system disease in Cardiac Amyloidosis. *Southern Medical Journal*. 2006;99:1360-62

Garg P, Gupta R, Szalados J. Bacterial Pericarditis and Tamponade due to Non-Encapsulated *Hemophilus Influenzae* Complicating an Adult Community Acquired Pneumonia. *MedGenMed* 2006 Dec 7; 8(4):8

IE Rascon-Aguilar, M Pamer, NS Nahman Jr, KJ Vega: Role of gastroesophageal reflux symptoms in exacerbations of COPD. *Chest* 2006 Oct;130(4):1096-101

HONORS AND AWARDS

Jeff House, MD	Exemplary Teacher Award	2006
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CLINICAL ACTIVITIES

Inpatient Activity	AY 06/07
Numbers of Inpatient Admissions	4436
Inpatient Days	26724
Average length of stay	6.02
Number of OBU Admissions	1580

DIVISION OF INFECTIOUS DISEASES
ACADEMIC YEAR 2007 (7/06-06/07)

Highlights

The Division of Infectious Diseases continued its clinical and academic missions. A full staffing complement without loss was maintained. The division is currently comprised of 7 infectious diseases consultants (5 of whom are dually boarded in internal medicine and infectious diseases; 2 are boarded in internal medicine, eligible in infectious diseases, have taken the infectious diseases certifying boards); 1 Nurse research coordinator, and 1 travel medicine nurse. The division provides clinical consultation in infectious diseases at Shands Jacksonville Medical Center (SJMC), hospital infection control direction and transplantation infectious diseases consultation at SJMC, outpatient travel and tropical medicine services, outpatient infectious diseases consultation, and clinical infectious diseases research. The division maintains an ACGME accredited infectious diseases fellowship training program and actively participates in training internal medicine residents and medical students in inpatient and outpatient infectious diseases. The division has a contract with the Duval County Health Department (DCHD) to provide professional consultation and programmatic direction for HIV/AIDS, TB and STD programs and clinical care to the counties' HIV/AIDS, TB and STD patients in the DCHD specialty clinics. The contract funds 5.2 FTE of the 7 FTE of division's ID physician time.

Each member of the division has a strong administrative role in division activities. Dr. Sands is currently the University ID Division Chief, Director of Communicable Diseases for Duval County Health Department, and ID Division Fellowship Program Director. Dr. Vandeveld chairs and directs hospital infection control for SJMC, directs the travel medicine section and is Assistant Program Director for the ID division fellowship program. Dr. Toomey is Director of the STD section and coordinates resident and student education. Dr. Mitchell-Samon is Director of the HIV section. Dr. Bailey is Director of the refugee health section and infections in transplantation consultative liaison. Dr. Lauer is Chief of the TB section.

Patient Care: The division provides full time infectious diseases consultation throughout the Shands Jacksonville Medical Center system. Between July and November 2006; 293 inpatient clinical consultations were provided and subsequently followed at SJMC. During the 2005-2006 academic year the division performed over 750 inpatient infectious diseases consultations with subsequent follow-up at SJMC.

The division offers outpatient ID consultation by referral at its clinics. Travel medicine services are provided daily for overseas travelers. 483 travel patient visits have been seen between July 1, 2006 and November 30, 2006.

The division provides professional and administrative oversight and care for HIV/AIDS, TB, STD and refugee screening clinical services for DCHD specialty clinics. In the 4 month period July 1 – October 31, 2006, ID division physicians delivered or over-sighted care for 3,546 HIV/AIDS clinical visits, 1,214 STD visits, 141 refugee visits, and 653 TB visits at DCHD specialty clinics.

Education: Dr. Sands is Editor of the biweekly DCHD Epidemiology Report electronically circulated throughout Duval County and the state. The division actively participates presenting at Medical Grand Rounds and are regular attendees. The division maintains an ACGME accredited fellowship in infectious diseases with one fellow for each of the 2 clinical fellowship years.

Resident training:

- Resident morning report attendees
- ID noon core curriculum conferences
- ID consultation teaching rounds
- Outpatient HIV/AIDS continuity clinics
- Resident ID Board review sessions

Medical student education:

- Dr. Toomey HIV/AIDS core content conference by teleconference with UF College of Medicine - Gainesville.
- Medical student rotations on the infectious diseases consultative service

ID division conference schedule:

The division maintains a full conferencing schedule with ongoing meetings Monday and Thursday noon.

Conference topics include:

- regularly scheduled cases conferences
- ID Board reviews
- Journal Club
- HIV topical reviews
- TB cases and topical reviews
- Research conferences
- Travel and tropical medicine conferences
- Transplantation ID conferences
- Med – Peds ID joint conference each month.

Dr. Sands attended the “Faculty as Teachers” workshop offered through UF.

Research: Drs. Guzman and Bailey serve as members of the University of Florida/Jacksonville Institutional review board. Dr. Sands is the PI for the division’s NIH sponsored CPCRA HIV clinical trials program. The division is responsible for performance of components of federal and state categorical grants awarded to the DCHD for TB, HIV, refugee and STD care and epidemiologic services. These grants are in excess of \$6.5 million. Additionally the division has been instrumental in acquiring and directing a federal Ryan White Title 3 grant of \$300,000 annually for improved community based access to care, that provides HIV/AIDS care to 250 indigent patients not otherwise brought into care or previously lost from care.

LISTING OF FACULTY MEMBERS

Michael Sands, M.D., MPH & TM, Associate Professor and Division Chief

Medical School / Graduation date	Georgetown University	1972
Internship/residency and year	St. Mary’s Hospital	1974
Subspecialty training and year	Louisiana State University (Infectious Disease)	1977
Subspecialty training and year	Northwestern Memorial Hospital (Clinical Microbiology)	1981
Post-graduate training	Tulane University of Public Health (MPH&TM)	1975

Alexander Vandeveld, M.D., Associate Professor

Medical School / Graduation date	University of Louvain, Belgium	1963
Internship/residency and year	Jacksonville Health Education Program	1969
Subspecialty training and year	University of Florida, Gainesville	1971

James Toomey, M.D., Assistant Professor

Medical School / Graduation date	Northwestern University	1982
Internship/residency and year	University of Florida, Jacksonville	1991
Subspecialty training and year	University of Florida, Jacksonville	1994

Christina Bailey, M.D., Assistant Professor

Medical School / Graduation date	University of Texas, Houston	1995
Internship/residency and year	University of Florida, Jacksonville	1998
Subspecialty training and year	University of Florida, Jacksonville	2000

Levonne Mitchell-Samon, M.D., Assistant Professor

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

Jeffrey Lauer, M.D., Clinical Instructor

Medical School / Graduation date	University of New Mexico	1994
Internship/residency and year	University of Florida, Jacksonville	1997
Subspecialty training and year	University of Florida, Jacksonville	1999

Nilmarie Guzman, M.D., Assistant Professor

Medical School / Graduation date	Ponce School of Medicine, Puerto Rico	1996
Internship/residency and year	Dumas Hospital, Puerto Rico	1999
Subspecialty training and year	University of Florida, Jacksonville	2006

PUBLICATIONS

Crossman A, Mendez J, Vandeveld A, Sands M. Spontaneous bacterial empyema caused by Salmonella enteritidis. *Infect Med* 2006;23:286-288.

EI-Sadr W and the SMART study group including Sands M. CD4 Guided Antiretroviral treatment interruptions: Results of the SMART study. *NEng J Med* 2006;355:2283-96..

Kay R, Vandeveld A, Fiorella P, Crouse R, Blackmore C, Sanderson R, Bailey C and Sands M. An outbreak of healthcare associated multidrug resistant Salmonella Seftenberg in Florida. *Inf Control Hosp Epi* accepted for publication.

Guzman N, Sands M. The expanding spectrum of neurologic complications of HTLV1. submitted *Infectious Diseases in Clinical Practice*

Dr. Sands is the editor of the biweekly DCHD epidemiology report electronically circulated throughout Duval county and the state.

Hepatitis B vaccination experience in a large inner city HIV clinic – **C. Bailey**

Tigecycline plus polymyxin synergy in vitro against multiresistant *Acinetobacter* sp. – **Sands M, Sanchez W, McCarter Y.**

Should Terbinafine be considered in the therapy of systemic fungal infections – **Guzman N, Sands M.**

CLINICAL ACTIVITIES

Inpatient Activity	AY 06/07
Number of IP Consults	625
Outpatient Activity	
Clinic Visits	98

CLINICAL TRIALS AND GRANTS

Dr. Sands is the PI for the division’s NIH sponsored CPCRA HIV clinical trials program.

Multiple corporate sponsored clinical trials are currently being conducted in the division under the clinical trials program. Dr. Sands is the PI on the majority of these trials. All division members are active in the trials as co-investigators

Principal Investigator	Sponsor/Title
Sands, Michael	A1424128 A Phase IV, Multi-center, cross-sectional study to evaluate the I50L Substitution Among Subjects Experiencing Virologic Failure on HAART Regimen containing Atazanavir
Sands, Michael	NV17751 Observational Cohort Study of Pneumonia in Fuzeon-Exposed and Non-Exposed Patients
Sands, Michael	CPCRA 065 A Large, Simple Trial Comparing Two Strategies for Management of Anti-Retroviral Therapy (the SMART Study)
Sands, Michael	CPCRA 065F Neurology: A Substudy of a Large, Simple Trial Comparing Two Strategies of Anti-Retroviral Therapy to Determine the Impact of the Strategies upon Central and Peripheral Nervous System Function.
Sands, Michael	CPCRA 065G Anal Dysplasia: A Substudy of a Large Simple Trial Comparing Two Strategies for Management of Anti-Retroviral Therapy
Sands, Michael	CPCRA 065H Genomics: A Substudy of a Large, Simple Trial Comparing Two Strategies for Management of Anti-Retroviral Therapy
Sands, Michael (mentor)	Ceftibuten Study: Evaluation of Single-Dose Ceftibuten for Treatment of Uncomplicated Gonococcal Urethritis in Men
Sands, Michael	ABC107442 A retrospective case-control study to estimate the sensitivity and specificity of a pharmacogenetic marker (HLA-B*5701) in subjects with and without hypersensitivity to abacavir
Guzman, Nilmarie	TMC125 Early access of TMC125 in combination with other antiretrovirals in treatment-experienced HIV-1 infected subjects with limited treatment options.
Bailey, Christina	A prospective study of the effect of Compath use on renal transplant outcomes
Mitchell-Samon, LeVonne	An accelerated schedule for Hepatitis B vaccination of HIV patients – Pilot study assessing completion rates and seroconversion

DIVISION OF NEPHROLOGY AND HYPERTENSION
ACADEMIC YEAR 2007 (7/06 - 6/07)

Highlights

The Division of Nephrology and Hypertension had a year of rapid growth and development in all areas of the academic mission. Dr. Nahman returned as Division Director after serving as Interim Chairman of the Department of Medicine. The most significant advance was ACGME approval of the Nephrology Fellowship Training Program which will begin in July 2007. Clinically, major events included remodeling the inpatient acute dialysis unit, the planned opening of our first off-campus outpatient hemodialysis center, and establishment of stable vascular access services. In research, the new research building opened allowing nephrology laboratories to relocate to the facility, and the division initiated a collaborative clinical data mining study with the University of North Florida. Academically, the division presented abstracts at the ASN in San Diego, AFMR in New Orleans, and National Dialysis Conference in San Francisco. The division succeeded in acquiring another NIH grant, several internal grants, and collaborated with our dialysis partner (DCI) for support of the Fistula First Program.

Patient care: The most important advances this year were the remodeling of the inpatient acute dialysis unit, construction of a new outpatient dialysis facility, and DCI support of vascular access surgeon Dr. Bruce Sommer. Dr. Cuhaci joined the division as a critical care nephrologist and will bring needed expertise in CRRT. The new inpatient acute dialysis unit is slated to open in fall 2007 and will have 8 open hemodialysis stations, 1 isolation bed, full ICU monitoring, and a digital urinalysis station for performing and recording all urinalyses. The unit will allow appropriate delivery of inpatient dialysis therapies and serve as the major teaching platform for the Nephrology Fellowship Training Program. In the outpatient arena, the Division of Nephrology will serve as Medical Director of a new 24 station dialysis facility, which is expected to open in August 2007. With support from DCI, Dr. Sommer and the division have established a weekly outpatient vascular access clinic and provision of appropriate surgical access support.

Education: The most significant event this year was ACGME approval of the nephrology fellowship in May. The program received a 2 year provisional accreditation, will begin in July 2007 with 2 fellows, and will be under the direction of Dr. Nahman. In residency education, Dr. Maddirala joined the group as Director of relevant educational programs for Nephrology, and as Associate Director of the fellowship. She is the primary liaison between the Core Residency Program and the division, and is a member of the Resident Education Committee.

Research: Opening of the new research building allowed relocation of the nephrology laboratories and research offices to the facility. Basic science programs in the area of biomarkers in renal disease are moving forward. A clinical research project with the United States Renal Data System (USRDS, an NIH supported database of all end stage renal disease and transplant programs in the US) was a significant advance for the clinical research mission. The project continues collaboration with data mining expert Dr. Sherif Elfayoume at the University of North Florida and has produced an abstract submission to the ASN. In other areas, Dr. Vu continued to serve as a Site Co-investigator in the Coral trial of renal artery stenosis, Dr. Maddirala is collaborating with Infectious Diseases to establish an HIV nephropathy clinic and Dr. Urquidi and colleagues received a second \$1.2 million NIH grant to study diagnostic methods for bladder cancer. Drs. Nahman and Cu presented abstracts at the ASN and Dr. Mars presented at the Annual Dialysis Conference. Dr. Nahman sponsored 3 trainee presentations at the Southern AFMR and mentored several residents in successful internal grant applications. Dr. Urquidi presented at the International Proteomics meeting in Luxembourg, and at the annual meeting of the American Association for Cancer Research.

In the past year, the division successfully recruited Dr. Bulent Cuhaci (Texas Tech) and Dr. Supriya Maddirala (University of Oklahoma) and is currently recruiting Leorah Ross, M.D., Ph.D. (U Mass, Worcester) as a second transplant nephrologist. Dr. Bhatt departed in September 2006. With the substantial progress made in the past year, the division plans to see the above projects and initiatives through to completion and use them as basis for building and maturing all facets of the academic mission.

LISTING OF FACULTY MEMBERS

New Faculty

Bulent Cuhaci, M.D., Assistant Professor

Medical School / Graduation date	Istanbul Faculty of Medicine, Istanbul, Turkey	1985
Internship/residency and year	St Agnes Hospital, Baltimore, MD	1995
Subspecialty training and year	Mount Sinai Hospital, NY (Critical Care Medicine)	1996
Subspecialty training and year	Hahnemann University, Medical College of Pennsylvania (Nephrology)	1998

Supriya Maddirala, M.D., Assistant Professor

Medical School / Graduation date	American University of the Caribbean	2000
Internship/residency and year	University of Oklahoma	2003
Subspecialty training and year	University of Oklahoma	2006

Current Faculty

Gil Cu, M.D., Assistant Professor

Medical School / Graduation date	University of the Philippines	1983
Internship/residency and year	Lutheran Medical Center, NY	1991
Subspecialty training and year	Beth Israel Medical Center, NY	1995
Post-doctoral training	Rockefeller University	1996

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

N. Stanley Nahman, Jr., M.D., Professor and Division Chief

Medical School / Graduation date	Medical College of Ohio	1979
Internship/residency and year	Presbyterian Hospital Denver, Mt Carmel Health, Columbus	1984
Subspecialty training and year	Ohio State University	1987

Virginia Urquidi, Ph.D., Research Associate Professor

Graduate School and year	University of Bilbao, Spain	1978
Ph.D.	Oxford University, UK	1992
Post-doctoral training	Oxford University, UK	1994

Hang Vu, M.D., Assistant Professor

Medical School / Graduation date	UT San Antonio	1997
Internship/residency and year	Texas Tech University	2000
Subspecialty training and year	UTMB Galveston	2002

PUBLICATIONS

Spetie DN, Nadasdy T, Nadasdy G, Agarwal G, Mauer M, Agarwal AK, Khabiri H, Nagaraga HN, **Nahman Jr NS**, Hartman JA, Hebert LA: Proposed pathogenesis of idiopathic loin-pain hematuria syndrome. *Amer J Kidney Dis* 47:419-427, 2006.

Rascon I, Pamer M, Vega K, Cury J, **Nahman Jr NS**. The role of gastroesophageal reflux in exacerbations of chronic obstructive pulmonary disease. *Chest*, 130:1096-1101, 2006.

Urquidi V and Goodison S. Genomic Signatures of Breast Cancer Metastasis. *Cytogenetic and Genome Research*. in press.

Kreunin P, Yoo C, **Urquidi V**, Lubman DM, Goodison S. Proteomic Profiling Identifies Breast Tumor Metastasis-Associated Factors in an Isogenic Model. *Proteomics*. 7:299-312, 2007.

Maddirala S, Pitha JV, Cowley BC, Haragsim L. End stage renal disease due to polyoma virus in a cardiac transplant patient. *Nature Clin Prac Nephrol*, in press.

Dickey CA, Kamal A, Lundgren K, Klosak N, Bailey RM, Dunmore J, Ash P, Shoraka S, Zlatkovic J, Echman CB, Patterson C, Dickson D, Hutton M, Burrows F, **Nahman Jr NS**, Petrucelli L. The high-affinity Hsp90-CHIP complex recognizes and selectively degrades phosphorylated tau client proteins. *J Clin Invest*, 117: 648-658, 2007.

Kreunin P, Zhao J, Rosser C, **Urquidi V**, Lubman DM, Goodison S.. Bladder Cancer Associated Glycoprotein Signatures Revealed by Urinary Proteomic Profiling. *J Proteome Res*. 6:2631-2639, 2007

Sullivan R, Samuel V, Le C, Khan M, Alexandraki I, Cuhachi B, **Nahman Jr NS**: Hemodialysis vascular catheter-related bacteremia. *Amer J Medical Sci*, in press.

HONORS AND AWARDS

N. S. Nahman, Jr., M.D.	Southern Society for Clinical Research	2006
N. S. Nahman, Jr., M.D.	MKSAP 14 content reviewer	2006

CLINICAL ACTIVITIES

Inpatient activity	AY 06/07
Inpatient Nephrology admissions	310
Consults	898
Acute dialysis runs	4174
Outpatient activity	
UF Jax Nephrology clinic visits	2584
Outpatient dialysis visits	4517

* Encompassing the 6 month period from January 06 - June 06 only. Inpatient nephrology began January 1, 2006.

GRANTS AND CONTRACTS

Principal Investigator	Sponsor/Title	Project period	Total direct costs	Release time
Vu H	CORAL trial for renal artery stenosis	7/06 - goal	\$7385 / pt completing study	0%
Urquidi V	NCI-NIH/ Identification and functional analysis of metastasis proteins	9/04-8/09	\$1,250,000	15 %
Urquidi V	NCI-NIH/Towards a non-invasive molecular test for bladder cancer	9/07 - 8/12	\$1,250,000	25%
Urquidi V	Susan G Komen breast cancer Research Fdn/Isolation of monoclonal metastasis-inhibiting antibodies	7/06 - 6/08	\$250,000	10%
Urquidi V	University of Florida Dean's Fund Faculty Research Grant/ The role of MMP8 protein isoforms in migration and invasion capabilities of breast cancer cells	8/05 - 9/07	\$10,000	0 %
Sommer B, Nahman Jr NS (Co-PI)	Fistula first program/Dialysis Clinic Inc	3/07 - 2/10	\$225,000	100% (B Sommer)
Alexandraki I, Nahman Jr NS (mentor)	University of Florida Dean's Fund Faculty Research Grant/Hemodialysis vascular catheter-related bacteremia	7/05 - 10/06	\$5,000	0 %
Sullivan R, Nahman Jr NS (mentor)	University of Florida Dean's Fund Resident Research Grant/ Risk factors for gram negative bacteremia and central venous dialysis access	11/05 - 10/06	\$5,000	0 %
Zaiden R, Nahman Jr NS (mentor)	University of Florida Dean's Fund Resident Research Grant/ Effect of hepatitis C infection on cellular immunity in hemodialysis patients	3/06 - 2/07	\$5,000	0 %
Lopez V, Nahman Jr NS (mentor)	University of Florida Dean's Fund Resident Research Grant/ Changes in hemodialysis blood circuit parameters as predictors of catheter loss in dialysis patients	8/06 - 7/07	\$2,000	0 %
Reddy S, Nahman Jr NS (mentor)	University of Florida Dean's Fund Resident Research Grant/ Effect of hepatitis C viral load on bacteremic events in hemodialysis patients	8/06 - 7/07	\$5,000	0 %

DIVISION OF PULMONARY & CRITICAL CARE
ACADEMIC YEAR 2007 (7/06 – 6/07)

Highlights

Patient Care: There were no significant changes in patient care duties. The Pulmonary Consult Service, MICU, Thoracic Oncology Program, and Sleep Center continued to grow. Clinic volume decreased as there was a decrease in manpower within the division. The Pavilion MICU move into the Clinical Center and continued departure of community physicians led to the large increase in Pulmonary and MICU volume. We should have two or three new attending physicians join us in July 2007.

Education: All division members participate in Grand Rounds, noon conference, and morning report. The MICU lecture series and pulmonary lecture series are repeated monthly for interns, residents and medical students. We all are guest speakers at many non-departmental conferences (Clinical Pathologic Conference, ER Grand Rounds, Family Practice lecture series, M&M conferences, and Surgical Fellows conference). We are planning to start a fellowship program in July 2008 or 2009, if infrastructure can be improved, leadership agrees, and is stable.

Research: Members of the Division continue to participate in prospective clinical trials in critical care medicine. Dr. Koch is active in the area of reducing medical errors and optimizing end of life decisions. Dr. Cury has mentored resident-driven case reports and presentations. Administratively, the Division is central to the success of the institution through provision of high quality MICU services, with Dr. Koch as medical director. In addition, Division members serve medical directorships in other key institutional service areas, including respiratory therapy and the arterial blood gas lab, the pulmonary function laboratory and the sleep disorder center.

LISTING OF FACULTY MEMBERS

James D. Cury, M.D., Associate Professor and Division Chief

Medical School / Graduation date	University of Miami	1981
Internship/residency and year	Barnes Hospital/Washington	1984
Subspecialty training and year	Washington University	1987

Kathryn Koch, M.D., Associate Professor

Medical School / Graduation date	Johns Hopkins	1975
Internship/residency and year	Medical University of South Carolina	1977
Subspecialty training and year	Case Western	1979

Luis Laos, M.D., Associate Professor

Medical School / Graduation date	Universidad Peruana Cayetano Heredia Medical School of Peru	1986
Internship/residency and year	SUNY, Brooklyn	1995
Subspecialty training and year	University of Florida, Gainesville	1998

PUBLICATIONS

Daniels J, **Cury J**, Diaz J: An Unusual Cause of Post-Obstructive Pneumonia. Accepted to Chest for publication. 3/07.

CLINICAL ACTIVITIES

Inpatient Activity	AY 06/07
Numbers of Inpatient Admissions	475
Inpatient Days	3170
Average length of stay	6.67
Number of IP Consults	749
Outpatient Activity	
Clinic Visits	2115
Procedures	
Bronchoscopies	202
Sleep Studies	464

CONTRACTS AND GRANTS

Principal Investigator	Sponsor	Title
Cury, James	Alpha One Foundation	Alpah-1 Screening and Detection Program
Laos, Luis	Novartis	Phase III Trial, Community Acquired Pneumonia
Laos, Luis	Takeda	Phase III Trial, Severe Sepsis

COMMUNITY INVOLVEMENT
ACADEMIC YEAR 2007 (7/06 - 6/07)

Linda Edwards, M.D., General Internal Medicine

- Board Member, Attending Staff Foundation

Malcolm Foster, M.D., General Internal Medicine

- Board Member, Attending Staff Foundation
- Board Member, Florida-Georgia Blood Alliance
- Board Member, Duval County Medical Society

Carlos Palacio, M.D., General Internal Medicine

- Project Heal March 2007 (Ecuador) - Served as attending for medical mission trip supervising medical students from the University of Florida

Alan Miller, M.D., Cardiology

- Chair of heart failure awareness week CME program Feb 13 Sterlings
- Developed and hosted public forum on heart failure Sep 15, 2006 Wyndham
- Chair of CME cardiology topics Sep 16 2006 Marriott at Sawgrass
- Co-chair of CME internal medicine update Jan 27-28 Amelia island plantation

Lyndon Box, M.D., Cardiology

Media Activities

- Interviewed by Jacksonville Magazine for an upcoming article on healthy habits for the holidays
- Two appearances on Channel 4 news morning show
 - Regarding hypertension and exercise
 - Regarding obesity and miss-diagnosis of asthma
- Accepted position as a regular contributor for Jacksonville's "H Magazine." This is a widely distributed personal health magazine aimed at the general public.
- Subject of feature article for North Florida Doctor Magazine, currently in press
- Article in submission to Health Partners Magazine on improving physician fitness
- Will be featured on Channel 12 news and host a community call-in phone bank on November 29, 2006 for the community to ask questions about nutrition and personal health

Community involvement

- Led the Shands Corporate Run team in February 2006
- Spoke to Hammerhead Triathlon Club November 7, 2006 – Audience of approximately 20 regarding cardiac exercise physiology
- Rode with the Shands team in the MS 150 bike ride to help raise money for multiple sclerosis research
- Spoke to the Mandarin YMCA Silver Sneakers November 17, 2006 about exercise after age 65
- Scheduled as speaker for "Shands at the YMCA" program to prepare people for the River Run. In January, he will be giving two didactic lectures on exercise physiology to this group.
- CME program for doctors– Submission currently being reviewed by the CME office

Division of Cardiology, Staff Involvement

- African American Summit
- Breast Health Symposium
- Sickle Cell Walk (Health Screenings)
- Little Miracles Baby Shower (Health Screenings)
- Westside Church of God by Faith (Heart Healthy Living-CVC Literature)
- Heart Walk
- United Way Campaign
- American Heart Assoc. "Go Red for Women"
- Chart Your Health – Channel 4 Partnership
- Jacksonville Senior Expo Health Screening

Ravi Kancha, M.D., Hospital Medicine

- Attended a Community Education Diabetes Event where he spoke about Diabetes and Hypertension
- Participates in Career Pathing for Science and Medicine at Paxon High School

Ernst Michel, M.D., Hospital Medicine

- Spoke at a health fair in Jacksonville, focusing on health screening, patient education and male health
- Gave a health care talk about diabetes and blood pressure in Orlando, FL



Department of Medicine
Annual Meeting June 2007

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