One glance at the size of the newsletter this month, and you know that the academic year is in full swing—in fact it is almost half over! Faculty and residents have been busy with presentations and publications that we can all be proud of. We were fortunate to have had the AAP National Conference and Exhibition in Orlando last month, which provided an opportunity for many of our residents to attend a national meeting. Congratulations to all who participated in the Pediatric Bowl—it was a great showing!

Since November is naturally a time to give thanks, I want to say THANKS to all of the staff and faculty of USF PEDS. The newsletter is just a snapshot of all the "extra" activity that goes on—not measured by RVUs or timesheets—but it is what makes us special. I urge all of you to take a moment to be kind and say thanks to your staff and colleagues. We face many challenges as we work to deliver cost effective, efficient care to our patients and comprehensive education to our students. It is often easier to be negative, but optimism and happiness are CONTAGIOUS. So let’s start an epidemic of positivity and gratitude.

One way to say thanks is to participate in the faculty and staff campaign—no contribution is too small—and remember that you can direct the donated funds to designated areas in the department. For example, focused funds will help provide direct support for the Ronald McDonald van and care for patients at the YYC, while the resident fund will enable our residents to take master’s level courses, and provide opportunities for them to take away electives or participate in international medical work. There are many other funds to choose from.

I hope that the months ahead bring peace and gratitude to you and yours.

Patricia J. Emmanuel, M.D.
Chair, Department of Pediatrics

HAPPENINGS

Investigators from the Institute of Neuroscience and Physiology at the University of Gothenburg visited with faculty from the Rothman Center last month. Dr. Tord Ivarsson gave a grand rounds lecture on the Swedish system of politics and healthcare.
HAPPENINGS CONTINUED

Members of the Rothman Center team attended the *Autism Health and Wellness Symposium* sponsored by USF’s Center for Autism and Related Disabilities on November 2.

**Dr. Cristina Pelaez** attended the Disney Institute sponsored by AAP’s Pediatric Practice Managers Alliance.

**RESIDENCY NEWS**

In October, the USF Med-Peds Program hosted the National Med-Peds Residents’ Association (NMPRA) Annual National Meeting. **Dr. Erika Abel** participated on the program director panel to answer questions about the state of the med-peds career, and **Dr. Mela Poonacha** presented a poster in the clinical case competition. **Drs. Elimarys Perez-Colon, Garrett Alderfer, Devi Yalamanchili and Jonathan Chan** were teachers in an ultrasound workshop, for which about 15 medical students from the USF Med-Peds interest group volunteered as subjects. The NMPRA board and the meeting participants appreciated the strong presence of the USF Bulls at the meeting!

**Dr. Sharon Dabrow** and pediatric residents, **Drs. Emma Wright, Christine Booth, Shaila Siraj, and Mindy Murphy**, competed with Arnold Palmer Hospital for Children and Miami Children’s Hospital during the Pediatric Bowl at the AAP Conference in Orlando. Great work, USF Pediatrics!

**Drs. Erin Telepak and Shaila Siraj** gave talks on health careers at Mt. Pleasant Middle School.

An intern retreat was held on November 2 at the USF Ropes Course. Despite the rain, the interns had a great time participating in team-building activities and learning about each other.

Med-Peds residents **Drs. Michelle Tang** and **Jonathan Chan** participated in a Health Fair with the Asian-Pacific AMSA chapter at the Thai Temple in Tampa on October 20.
KUDOS
A great showing at this year’s American Academy of Pediatrics Conference in Orlando in October!

Angel Luciano, MD, has been selected to serve a three-year term on the Student Research and House Officer Awards Selection Committee of the Society for Pediatric Research. This committee annually honors students, house officers and fellows engaged in pediatric research.

Sharon Perlman, MD, was elected to serve as President-Elect of the American Society of Pediatric Nephrology from 2014 to 2016. Dr. Perlman is currently completing her term as Secretary-Treasurer of the Society.

At the American Academy of Child and Adolescent Psychiatry (AACAP) Annual Meeting held in Orlando in October, Drs. Tanya Murphy, Adam Lewin and Eric Storch each received a plaque honoring their contributions to the academy and to the field of child and adolescent psychiatry. The academy’s journal (JAACAP) also presented Dr. Murphy with a plaque in appreciation for her developing the journal’s practice parameter for assessing and treating children with chronic tic disorders.

A book co-authored by Fred Alberts, PhD, was featured as the USF Health and Shimberg Health Sciences Library Book of the Month. The book, entitled Guide to Board Certification in Clinical Psychology, offers experience-based methods for increasing success rates for board certification.

Adam Lewin, PhD, was appointed to the nominating committee for the Anxiety and Depression Association of America.

John McCormick, MD, was elected to the USFPG Board of Directors. Thanks to Valerie Panzarino, MD, for her service on the board, and for re-election to the USFPG Finance Committee.

Lisa Bateman, APA Psychology Intern, received the Doctoral Studies Award from the Florida Association of School Psychologists.

PUBLICATIONS

NEW EMPLOYEES

Dr. Jamie Flores-Torres joins USF this month as an Assistant Professor of Pediatrics in the Division of Neonatology. Dr. Flores completed medical school at the Universidad Central del Caribe School of Medicine in Bayamón, Puerto Rico. At the University of Texas, Houston, he completed two years of research on pediatric tuberculosis and his residency in pediatrics. Dr. Flores completed his fellowship in neonatology at USF in July, 2013. Dr. Flores’s research interests are focused on the relationship between intestinal bacteria and the immune system, and how this relationship relates to the development of intestinal disease in newborn infants.

ADDITIONS

Mary Mitchell, ARNP, delivered Malia on October 13th.

CONGRATULATIONS

Dr. Felipe Rico and Chitra Reddy were married on October 5th.
PRESENTATIONS
Faculty and trainees from the Rothman Center made numerous presentations at the 60th Annual Meeting of the American Academy of Child and Adolescent Psychiatry held in Orlando last month:

Posters:
  - An Administrative Database Examination of Allergic Illness Among Youth with Tics.  Murphy TK, Dollard N, Murrin MR, Hanks CE, Storch E, Lewin AB.

Symposia:
  - Clinical Correlates in Children with Pediatric Autoimmune Neuropsychiatric Disorder Associated with Streptococcus.  Tanya Murphy, MD
  - Cefdinir for New Onset Pediatric Neuropsychiatric Disorders.  Tanya Murphy, MD
  - Compulsive Hoarding in Children: Emerging Evidence Regarding Genetics and Clinical Correlates.  Eric Storch, PhD and Jennifer Park, MA
  - Clinical Applications of DSM-5, Part II.  Picking, Ticking, Pulling and Hoarding.  Tanya Murphy, MD

Clinical Consultation Breakfast:
  Searching for Answers and Evidence-Based Treatments: Obsessive Compulsive Disorder, Tic Disorders, Phobias, PANDAS/PANS, and More.  Tanya Murphy, MD

Angel Luciano, MD, gave a lecture entitled Management of the Premature Lung: Learning from the Past, Looking into the Future at the Tampa General Hospital Respiratory Care Annual Fall Conference on October 22.

Dr. Kersti Linask presented Prevention of Ethanol-Induced Cardiac Defects by Folate Supplementation in the Mouse Model at the First International Conference on Prevention of Fetal Alcohol Spectrum Disorder held in Edmonton, Canada in September, and Bioinformatic Analysis of Homocysteine-and Lithium-Induced Cardiac Birth Defects and Folate Protection at the 2nd Oriental Congress of Pediatrics held in Shanghai, China in October.  Dr. Linask toured Shanghai Children’s Hospital and met with graduate students from the cardiovascular research group at Fudan University.

Jorge Lujan-Zilbermann, MD, is an author on an abstract entitled Six months versus six weeks of oral valganciclovir for infants with symptomatic congenital cytomegalovirus (CMV) disease with and without central nervous system (CNS) involvement: Results of a phase II, randomized, double-blind, placebo-controlled, multinational study.  The abstract was presented as a late-breaker presentation at IDWeek - the annual meeting of several prestigious societies, which was held in San Francisco in October.

Dr. Tino Ho presented a poster entitled The Effect of Packed Red Blood Cell Transfusion on Intestinal Inflammation in Very Low Birth Weight Infants at the American Academy of Pediatrics Meeting held in Orlando last month.  Co-authors included Drs. Angel Luciano, Terri Ashmeade, Branko Miladinovic and Maureen Groer.
PRESENTATIONS CONTINUED

Drs. Robert Nelson and Eric Storch were co-authors on a poster that earned first place in the USF Matters Community Engagement competition held October 22. The poster, entitled *From Need to Intervention: A Community-Guided Holistic Clinic Founded on Population Health Strategies*, featured forwardHealth, which is working to improve the health and well-being of a community in Nicaragua. Students from all four USF Health colleges were authors, including five medical students who participate in the Scholarly Concentration Program.

Dr. Maya Balakrishnan had two posters accepted for presentation at the Vermont Oxford Network meeting held in Chicago in October: *Golden Hour Part I-Delivery Room Management: A Multicenter Quality Initiative by the Florida Perinatal Quality Collaborative* and *Multidisciplinary Approach to Neonatal Abstinence Syndrome Management to Decrease Length of Hospital Stay*. Co-authors included Karen Fugate and Drs. Terri Ashmeade and John Curran.

Faculty from Allergy, Immunology & Rheumatology made presentations at the 2013 Update in Allergy & Immunology held at CAMLS in September. Drs. Ballow and Sriaroon chaired the afternoon session, which included:

- **Dr. Panida Sriaroon:** *Common and Uncommon Presentations of Immunodeficiency*
- **Dr. Mandel Sher:** *Rhinosinusitis: What to Do If the Patient Is Not Getting Any Better*
- **Dr. Jennifer Leiding:** *Innate Immune System Defects*
- **Dr. Mark Ballow:** *Now That We Have Made a Diagnosis of PIDD, What Types of Treatments are Available?*

USF Pediatric faculty and trainees were well represented at the ACH/JHM Research Symposium held on October 11. Dr. Michael Fant made a presentation entitled *Plac 1 (Placenta-specific 1) is Widely Expressed in the Developing Embryo and Essential for Normal Brain Development*. The abstract from Dr. Fant’s laboratory won the Best Science Abstract Award. The posters are listed at the end of the newsletter.

PEDiATRICS RESEARCH NEWS

New Studies Now Enrolling:

**RSV nasal swab study:** Nasal swabs collected from 0 to 5 year old patients presenting with 2-3 days of cold-like symptoms that are suspected to be due to RSV or other respiratory pathogen. Samples will be used for development of diagnostic devices.

**Merck vs GSK MMR study:** 12 to 15 month old patients who have not received their 12 month vaccinations are randomized to receive one of two MMR vaccines (2 dose series given 6 weeks apart), along with their complete 1 year immunizations.

Contact Emma Gonzalez (813-416-7711; egonzal2@health.usf.edu) for additional information and to enroll patients.
NIH Clinical Research Course
The Department of Pediatrics is participating as an archive site for NIH’s yearly course entitled Introduction to the Principles and Practice of Clinical Research. The course trains researchers to design and conduct successful clinical trials. Topics include epidemiologic methods, study design, protocol preparation, patient monitoring, quality assurance, FDA issues, etc. The lectures are given at the NIH twice a week from 10/21/13 to 3/24/14, and can be downloaded to personal computers for viewing 24-48 hrs after they are given. A certificate is awarded upon successful completion of an optional final exam. There is no charge to participants. For more information go to: http://www.cc.nih.gov/training/training/ippcr/info.html and to register go to: http://ippcr.nihtraining.com/register.php?remote_site=true CONTACT Jane Carver (jcarver@health.usf.edu) if you need additional information.

Note to educators: the archived lectures are great teaching aids! The 2012 archived lectures and materials are available at: http://ippcr.nihtraining.com/archive.php?year=2012

Scientific Review and Biostatistical Support

It is great to see that an increasing number of faculty and trainees are developing clinical research proposals and submitting them to the IRB. To strengthen the quality of the proposals and facilitate the IRB review process, investigators are asked to notify Jane Carver (jcarver@health.usf.edu) at least two weeks prior to IRB submission. If needed, Jane can make editorial suggestions to improve clarity of the writing and identify resources for biostatistical support, database management and study design. This process should significantly strengthen the proposals and help to ensure that they are readily approved by the IRB and successfully completed. This review process does not apply to pharmaceutical study proposals that are written by the sponsoring companies, or to cooperative, multi-center federally-funded studies.

NEW PEDIATRIC CLINICAL TRIALS

Investigator: Jorge Lujan-Zilbermann, MD  Title: A phase 2/3 multicenter, open label, multicohort, two-part study evaluating the pharmacokinetics, safety, and antiviral activity of Elvitegravir administered with a background regimen containing a ritonavir-boosted protease inhibitor in HIV-1 infected, antiretroviral treatment-experienced pediatric subjects. Sponsor: Gilead Sciences, Inc.

Investigator: Jorge Lujan-Zilbermann, MD  Title: A pharmacokinetic/pharmacodynamic and resistance evaluation of intravenous ganciclovir in premature infants. Sponsor: NIH Collaborative Antiviral Study Group

Investigator: Kathleen Armstrong, PhD  Title: Mental and Behavioral Health Education Training Grant  Sponsor: Health Resources and Services Adm/Univ of Nebraska
Dr. Kathleen Armstrong, Professor of Pediatrics, has been on the USF faculty since 2005. She earned a master’s degree and an educational specialist degree at the University of Florida, and her PhD in psychology at USF. Her research interests are focused on interventions for young children, with an aim towards improving their functioning, well-being and school readiness. She and her team developed Helping Our Toddlers, Developing Our Children’s Skills (HOT DOCS) – a parent training program that teaches parents strategies such as developing and maintaining consistent routines, praising desired behavior, and redirecting problem behavior. The project evolved from a U.S. Department of Education grant which aimed to demonstrate the efficacy of positive behavior support for toddlers with delays or disabilities. HOT DOCS has been very well received in our community and is being used in several other states to prevent and address early childhood behavior problems. The Promising Practices Network is currently reviewing HOT DOCS to determine if its efficacy qualifies the program for the network’s endorsement.

Dr. Armstrong’s current research projects include collaborating with colleagues in the College of Nursing, including Dr. Meredeth Rowe, on a NIH grant to test a sleep protocol for children 2-5 years old with autism spectrum disorder (ASD) and their caregivers; mentoring a 2nd year medical student (Ansley Brown) who is developing a survey to analyze pediatricians’ training and practices for children with sleep problems and children with ASD; adapting Parent Child Interaction Therapy (PCIT) for special populations including children with ASD, hearing impairments, and intellectual disabilities. Dr. Armstrong and her team have published several articles and, most recently, a textbook to guide practitioners who work with young children and their families.
Grand Rounds

Dec 5  Metabolic Patients: Who Are They?
Amarilis Sanchez-Valle, MD

Dec 12  Respiratory Cilia in Health and Disease
Bruce Schnapf, DO

Dec 19  Early Intervention: Crib Notes and Early Steps
Jillian Childres, PhD & Emily Shaffer, PhD

Dec 26  Happy Holidays!

Lectures are from 8:00 to 9:00 AM in MacInnes Auditorium—Tampa General Hospital

Lectures are video-conferenced to the All Children’s Hospital/USF Children’s Research Institute first floor conference room and to the CMS Building, Room 2004

Archived copies of most lectures are available on our website: http://health.usf.edu/medicine/pediatrics/grand_rounds.htm

USF PEDS FACULTY & STAFF CAMPAIGN!

As we create a community fundraising strategy, a key place to start is in our own department. As we approach donors, it is powerful to be able to report that we have active contribution from our own faculty and staff. Everyone is encouraged to contribute to the USF Faculty and Staff Campaign! Contributions can be made by payroll deduction, cash, check or credit card. Any amount is appreciated! Participation is more important than the dollar amount. Last year, only 15% of the department participated – let’s increase that number this year! There are 38 pediatric funds you can contribute to — Dr. Emmanuel has identified her 3 fund priorities for the year:

- Fund #: 250196 Ybor Youth Clinic Fund
- Fund #: 250079 Ronald McDonald Care Mobile
- Fund #: 250198 Pediatrics Resident Support Fund

Chris Curran will also email the contribution form and list of funds to all Pediatric faculty, staff and trainees this month. Please contact Chris (ccurran@health.usf.edu) if you would like additional information.

SAVE THE DATE

December 4: All Faculty Meeting/Open House at STC, 5:30-7:30 pm

February 21: USF Health Research Day

March 6: The 2014 Lewis A. Barness Lecture and Fellows

EDITORS:
Jane Carver & Caroline Murphy
Email: pedicom@health.usf.edu
Please email submissions for next month’s issue by December 1st
ACH/JHM Research Symposium Posters

Oxygen Requirement as a Screening Tool for the Detection of Late Pulmonary Hypertension in Extremely Low Birth Weight Neonates
Rohit Aswani, MD, Lisa Hayman, BS, Gina Nichols, BS, Grace Isshiki, BS, Angel A Luciano, MD, Ernest Amankwah, PhD, Jenny Leshko, RN, BSN, and Gul Dadlani, MD

Plac1 (Placenta-specific 1) is Widely Expressed in the Developing Embryo and Essential for Normal Brain Development
Michael Fant, MD, Ph.D., Xiaoyuan Kong, M.D., Suzanne Jackman, M.D., and Juan Fuentes, MD

Endocrine Progenitor Cells Are Notch Active
Danielle Gomez, MD, Marci O’Driscoll, MS, CLT and Michael J. Shamblott, PhD

Computer-Assisted Cognitive Behavioral Therapy for Childhood Anxiety in Community Mental Health Centers
Morgan King, BA, E. Crawford, Allison Salloum, PhD, Alessandro DeNadai, MA, Adam B. Lewin PhD, Joshua M. Nadeau, PhD, Tanya K. Murphy, MD and Eric Storch, PhD

Pediatric Clerkship Fear Factor: Effects of a Simulated Curriculum on Third Year Student Anxiety Related to Family-Centered Rounds
Brian Knox, MD, Jennifer Casatelli, MD, Matias Jasin, MD, Katherine Braley, MD, Chad K. Brands, MD and Raquel G. Hernandez, MD, MPH

An Invertebrate Gut Immunoglobulin-like Protein Interacts with Adherent Communities of Bacteria
Brittany Leigh, BA, Charlotte Karrer, BA, Gail Mueller, BA, John P. Cannon, PhD, Gary W. Litman, PhD and Larry J. Dishaw, PhD

An Administrative Database Examination of Allergic Illness Among Youth with Tics
Tanya K. Murphy, MD, Norin Dollard, PhD, Mary Rose Murrin, MA, Camille, E. Hanks, BA, Eric Storch, PhD, and Adam B. Lewin, PhD

Suicidality among Youth with Obsessive-Compulsive Disorder
Joshua M. Nadeau, PhD, Tanya K. Murphy, MD, Regina Busssing, MD, Marni L. Jacob, PhD, Erika A. Crawford, BA, Dana Mason, BA, Adam B. Lewin, PhD, and Eric A. Storch, PhD

Safety and Efficacy of Bosentan in Infant Pulmonary Hypertension
Gene Peir, Rohit Aswani, MD, Lisa Hayman, Gina Nichols, Jennifer Leshko, RN, BSN, and Gul H Dadlani, MD