FROM THE CHAIR

Today marks the end of the 2017 academic year. Over the past month we’ve had numerous celebrations and have said goodbye to an outstanding class of residents and fellows. This newsletter is dedicated to them and highlights the work done over this past quarter. In July we will be introducing our new trainees and faculty who have started to arrive.

The residency and fellowship training programs are the lifeblood of our department. This newsletter is full of examples of the richness and innovation they bring to our overall mission. The quality improvement program has expanded to encompass numerous outpatient and inpatient projects spearheaded by residents and fellows. It is fantastic to see multidisciplinary groups made up of faculty, trainees, nurses and staff from USF Peds and other colleges, departments and institutions. Thanks to Drs. Straub, Ashmeade, Balakrishnan and all of the faculty mentors. Next year they have even bigger plans as we institute Part 4 Maintenance of Certification credit for the American Board of Pediatrics certification through USF and the department.

CLINICAL TEAM MEMBER OF THE MONTH

Letitia Collins, LPN, is the Clinical Team Member of the Month for May. Letitia, who works at the USF CMS clinic, was praised by the nominators for always going above and beyond to help nurses and staff – and especially parents and families. She truly cares about her patients, is genuine, honest, kind and compassionate. Letitia is credited with being incredibly hard-working, organized, thorough, efficient, intelligent, professional, responsible, and with a passion for her profession that shines every day. She has excellent clinical and critical thinking skills, and extensive knowledge of pediatrics. Congratulations!

Jill Barrera, RN, is the Clinical Team Member of the Month for June. Jill is the Clinical Supervisor for the STC Clinic. Nominators noted her superior leadership skills, and credit her with being instrumental in the success of the MedPeds division at STC. She has extensive experience, excellent clinical skills and a great knowledge base in pediatric and adult medicine. Jill always puts the patient first, leads by example, and teaches her staff to excel. While professional and diligent she is also funny and makes work fun! Jill’s integrity, dedication and compassion make the STC clinic one of the best Peds clinic locations.

FACULTY IN THE NEWS

The work of Dr. Terri Ashmeade and her colleagues in the USF College of Engineering on the use of facial analysis software to measure the pain of infants was recently featured in Vocativ, an online news journal.

ADDITIONS

Baby Elise arrived on May 20, daughter of Oscar and Jessica (Dillon) Vasquez. Congratulations!
Letter continued from page 1

I also want to congratulate all the faculty who received teaching awards at graduation, grant awards and who had outstanding publications during this period. We are very proud of all of the academic work done in our department. So often, it feels like we only talk about the clinical mission, RVUs and budgets; however, the scientific and educational work is truly what distinguishes us as an academic department. The entire department should be so proud of the trainees that we “released into the world”. They inspire us to continue developing innovations and excellence in our missions of education, quality and research. I know that I am looking forward to another great year ahead. I hope that you have a safe and Happy Fourth of July!!

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

SAVE THE DATE

August 23
Faculty Meeting

September 7
First grand rounds lecture of the 2017/18 academic year

September 14
Clinical Research workshop

KUDOS

Drs. Tina Ho and Emily Shaffer are recipients of the 2017 Women’s Health Collaborative Award. Three $15,000 seed grants were awarded to USF faculty-led research teams. The intent of the grants is to develop collaborations across USF colleges on a subject related to women’s health. Dr. Ho’s grant is titled The Impact of Enteral Iron Availability on Intestinal Microbiome and Inflammation in Premature Infants, with co-investigators Maureen Groer, Amy Alman, Zachary Atlas, Akhil Maheshwari and Juan Felipe Rico. Dr. Shaffer’s grant is titled Video Training to Enhance the Implementation of Evidence-based Strategies Among Mothers and Their Toddlers in the Early Steps Program, with co-investigators Russell Kirby, Heather Agazzi, Kathy Bradley-Klug, and Jennifer Marshall.

Drs. Heather Agazzi and Jillian Childres have been awarded a 2-year, $193,000/year grant from the Children’s Board of Hillsborough County. Their proposal is titled Helping Our Toddler’s, Developing our Children’s Skills (HotDocs).

Dr. Terri Ashmeade, along with Dr. Maureen Groer, was awarded a patent for Method of Supplementing Cytokine, Chemokine and Growth Factors in Donor Human Milk by the U.S. Patent Office.

Dr. Kathleen Armstrong is the recipient of the 2017 Kosove Distinguished Graduate Teaching Award. This award, which includes a $7500 cash payment, honors faculty whose careers have brought them national distinction. Dr. Armstrong will be officially recognized at a reception on November 9.

Dr. Jennifer Leiding was named as a national co-investigator for the writing and investigation of the next Primary Immunodeficiency Treatment Consortium (PIDTC) grant titled Study of Transplanted and Non-Transplanted Patients with Immunodysregulatory Disease. The PIDTC includes 42 centers that aim to improve the outcomes of patients with rare, life threatening, inherited disorders of the immune system.

Dr. Jennifer Leiding received the Baron +60 award from St. Petersburg Catholic High School, which is commemorating the 60th anniversary of the school’s opening in 1957. Dr. Leiding is a member of the class of 1999.

PROMOTIONS

Congratulations to Drs. Greg Kaiser (gastroenterology) and Stacie Stapleton (heme/onc, ACH) on their promotions to Clinical Associate Professors in the department. We thank them for their continued service and strong commitment to education.
RESIDENT GRADUATION

Resident graduation, held at The Rusty Pelican on June 18, was a wonderful celebration and send-off for the Class of 2017. We will miss you and wish you the very best of luck! Awards presented:

Cardiology:  
Kinjal Parikh and Harrison Cobb

Emergency Medicine:  
Dennrik Abrahan

Gastroenterology:  
Kimberly Law

NICU-TGH Intern of the Year:  
Tanner Wright

Hematology/Oncology:  
Joanna Robles

Allen Root Award:  
Dennrik Abrahan

Intern of the Year (given by residents):  
Tanner Wright

Hospitalist of the Year, ACH:  
Nicole Armstrong

Med-Peds Resident of the Year:  
Joao Fontoura

General Pediatrics Resident of the Year:  
Sean Butler

Clinical Challenge Award:  
Thomas Cristoforo

DRILL Award:  
Philip Sosa

AAP Award:  
Sean Butler and Ami Dalsania

Sharon A. Perlman Award:  
Kaitlin Sapp

Attending, Generalist Award:  
Nathan Brinn (TGH), Diana Young (ACH)

Attending, Specialist Award:  
Alfonso Campos (TGH), Daniel Mauriello (ACH)

NEW & NOTEWORTHY

RESIDENTS FORUM ON QUALITY IMPROVEMENT AND RESEARCH

This year’s Forum, held on April 28, was a great success, with 12 posters presented (listed at the end of newsletter). Congratulations to Dr. Harrison Cobb who won the poster question contest by correctly answering all the questions associated with each poster!

Dr. Kelsey Ryan won the award for Best Resident during the Student Awards Ceremony held on April 19. Pictured with Kelsey are 3 students who will be joining us next month: Drs. Alex Glazer and Holly O’Brien (MedPeds), and Shaara Argo (Peds).

CHIEF RESIDENTS

Chief residents for 2018/19 will be Drs. Jillian Hagerman (left) and Michelle Blanco (right). Dr. Blanco is from Miami, and has loved living in the Tampa Bay area since she moved here to attend undergraduate and medical school at USF. She is interested in primary care and health disparities. Dr. Hagerman is from Columbus, Ohio, and attended Northwest Ohio at Bowling Green State University and the Lake Erie College of Osteopathic Medicine. She is interested in international and public health, and is passionate about preventive medicine and providing medical care to underserved populations.
**SCHOLARLY OVERSIGHT**

Investigators are reminded that all investigator-initiated protocols must be submitted for scientific review by the department’s Scholarly Oversight Committee before they are submitted to the IRB. This requirement does not apply to industry and federally funded studies, or to studies submitted by endowed chairs or their trainees (unless review is specifically requested by the PI or mentor). The goal of this review is to provide educational opportunities for study design and to facilitate the IRB approval process. Protocols should be submitted to Dr. Elizabeth Enriquez-Bruce (enriquezbruce@health.usf.edu).

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**2017 LEWIS BARNES LECTURE & FELLOWS FORUM**

This year’s events, held on April 27, were a great success. Dr. Patricia Flynn from St. Jude Children’s Research Hospital delivered an excellent talk titled *An Ounce of (HIV) Prevention*. We were honored to have Dr. Gerald Schiebler attend the lecture. Dr. Lewis Barness, USF Peds founding chair, and Dr. Schiebler, previous pediatrics chair at the University of Florida, worked together tirelessly during their tenures as chairmen to develop statewide child health services. Nine fellows presented their research during the forum (list included at the end of the newsletter), which was followed by a networking luncheon, during which residents displayed their quality improvement posters.

The first Pediatrics Advanced Practice Group quarterly meeting was held on April 20. All USF Peds ARNPs are invited to attend, along with NPs from other departments who see pediatric patients. The group was created with the goal of encouraging networking among ARNPs, increasing awareness of ARNP roles, strengthening the partnership between TGH NPs and the USF College of Nursing, and creating resources for ARNPs who precept nurse practitioner students. The next meeting will be held July 20 from 12-1 PM in STC 5050.

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**RESIDENT & FELLOW DESTINATIONS**

- **Dr. Johana Castro-Wagner**: Asthma and Allergy Associates of Florida, Miami
- **Dr. Bhumika Patel**: Allergy/immunology locums tenens
- **Dr. Matthew Compton**: Ancor Health Center PA, Longview, Texas
- **Dr. Aimen Ben Ayad**: Rockford Memorial Hospital, Mercy Health System, Rockford, IL
- **Dr. Jacqueline Nguyen**: Sarasota Memorial Hospital
- **Dr. Akshatha Akshatha**: Hawaii Pacific Health
HAPPENINGS

On April 24, USF and JHM/ACH residents collaborated on a program, held at Campbell Park Elementary School in St. Petersburg, that addressed adverse childhood experiences (ACEs). ACEs, which include emotional, physical, sexual abuse and household challenges and neglect, increase the risk of several adverse health outcomes. The American Academy of Pediatrics has made this topic the focus of their annual advocacy campaign titled Partnering for Resilience: Learn, Empower, and Connect to Address Toxic Stress. Residents modeled their lesson plan on the documentary titled Resilience, which addresses nationwide community efforts. The 4th grade students were taught rules to avoid toxic stress and wrote letters describing their emotions, which the residents replied to with words of encouragement. Drs. Elissa Engel, Sean Butler, Ami Dalsania, Nicole Armstrong, Meredith Plant, Kinjal Parikh and Asef Mahmud participated.

USF PEDS ALUMNI SPOTLIGHT

Dr. Lynn Ringenberg interviewed Neil Goldenberg, MD, PhD, who was a member of the first MedPeds residency class at USF. Dr. Goldenberg is currently Director of Research at Johns Hopkins All Children’s Hospital and Associate Professor of Pediatrics, Division of Hematology at Johns Hopkins University School of Medicine. He also directs the Thrombosis Program in the Johns Hopkins All Children’s (JHAC) Cancer and Blood Disorders Institute, and the Stroke Program in the JHAC Institute for Brain Protection Sciences. He completed a fellowship in pediatric hematology/oncology/bone marrow transplantation at the University of Colorado/Children’s Hospital, during which he developed a new coagulation assay that he still applies in clinical trials and cohort studies of thrombosis and stroke. Dr. Goldenberg enrolled in a PhD program in clinical investigation during his fellowship, which he completed during his early faculty years. After 10 years in Colorado he returned to the Tampa Bay area where he works on clinical and translational research in child health and disease with USF and JHM colleagues.

Dr. Goldenberg cites the mentorship of Dr. Philip Altus as solidifying his interest in vascular medicine and his passion for evaluating and adopting evidence from clinical trials. His fondest memories include midnight teaching with interns and students at TGH; the rare occasions, when on call, when he was able to complete examinations, notes and new admissions so that interns could get a head start in the morning; preparing blended coffee-Boost-ice cream shakes to get the team charged up for morning rounds after long night calls at Moffitt!

Dr. Goldenberg shares his advice for young residents:

- First, be selfish about fulfilling your needs for mentorship—one is rarely enough. You may need a clinical mentor, a separate research mentor, and a separate program-building mentor, for example. For me, the unique expertise provided by these 3 mentors during my training years proved invaluable to my future career.

- Second, soak up all the clinical experience you can manage. Seek opportunities to gain special skills from preceptors, including subspecialty attendings across a variety of disciplines. Training years only come once (for most of us), so this is the time to hone your clinical acumen and maximize your clinical breadth.

Third, read the primary literature in your fields of interest (original research as well as review articles)—rather than just relying on textbooks and Board prep materials. Developing an ability to critically evaluate published studies is critical. Even better, seek opportunities to write and publish and pay it forward by teaching what you’ve learned about critical appraisal and manuscript writing to your peers and future mentees.

GRAND ROUNDS

Please note there will be no grand rounds during July and August. The lectures will resume September 7th.
**NEW & NOTEWORTHY**

**RESIDENTS’ CORNER**

**Dr. Jillian Hagerman** and **Kelsey Schuette Ryan** were selected to represent the Florida Medical Association on Legislative Visitation Day, held in Tallahassee March 21-22. Jill, Kelsey and fellow residents from around the state discussed issues affecting Florida physicians with state legislators and their staff, offering "the doctor’s opinion" on current proposed legislation being considered by the Florida House and Senate. It was an honor to represent Florida physicians and articulate the pediatric perspective!

**Drs. Compton, Nguyen, Ben Ayad and Akshatha** celebrated their graduation from the neonatology fellowship program during the yearly celebration hosted by **Dr. Terri Ashmeade**.

**Dr. Jennifer Casatelli** has stepped down as the Associate Program Director in order to focus on her hospitalist job at St. Joseph’s Hospital. She will remain an active and integral part of USF Peds. We appreciate her significant contributions to the program; a plaque expressing their appreciation will be presented to her from the residents.

**Skit Night**, held June 15, was a great success this year!

A great time was had at the gathering for new interns and residents, held June 20 at Hamburger Mary’s.

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**GRANT & CONTRACTS**

**Investigator:** Heather Agazzi, PhD

**Title:** Trauma Informed Behavioral Parenting  
**Sponsor:** Florida Institute for Child Welfare

**Investigator:** Dorothy Shulman, MD

**Title:** Safety Evaluation of the Hybrid Closed Loop (HCL) System in Pediatric Subjects with Type 1 Diabetes  
**Sponsor:** Medtronic

**Investigator:** Tanya Murphy, MD

**Title:** A Phase II Multi-Center, Randomized, Double-Blind 24-Week, 3-Arm, Parallel Group Placebo-Controlled Study to Investigate the Efficacy and Safety of RO5285119 In Children and Adolescents Age 5-17 With Autism Spectrum Disorder  
**Sponsor:** Genentech

**Investigator:** Mavel Gutierrez-Jaramillo, MD

**Title:** A Phase 1, Single-Administration Pharmacokinetic and Safety Study of Oral and IV Tedizolid Phosphate in Hospitalized Subjects 2 to <12 Years Old  
**Sponsor:** Merck

**Investigator:** Jennifer Leiding, MD

**Title:** The Role of INFγ Supplementation in T Cell Effector Function in Patients with Chronic Granulomatous Disease  
**Sponsor:** Horizon Pharma
PUBLICATIONS

April’s Book of the Month: Contributions to the Field featured a book edited by Drs. Enid Gilbert-Barness, Lewis Barness and Philip Farrell. The book, titled Metabolic Diseases: Foundations of Clinical Management, Genetics and Pathology, includes in-depth coverage of advances in molecular and genetic sciences, and new techniques that are being used to further our understanding of metabolic diseases.

Dr. Jennifer Leiding is lead author on Hematopoietic stem cell transplantation in patients with gain of function STAT1 mutation. J Allergy Clin Immunology, published online 6/7/2017.


Dr. Sharon Dabrow is an author on a paper titled Oral health promotion during well visits, published in Clinical Pediatrics on May 18.


PRESENTATIONS

Dr. Jennifer Leiding presented: Non-infectious Manifestations of Primary Immunodeficiency Diseases at the North Carolina Allergy and Immunology Regional Meeting held in Concord, NC on April 28; Results of a Survey of Subjects Transplanted with Immunodysregulatory Diseases at the annual meeting of the Primary Immune Deficiency Treatment Consortium, held 5/26 at the NIH campus in Bethesda; Pediatric Immunology on 5/2 at the St. Petersburg Catholic High School for the class titled Introduction to the Medical Field.

Dr. Eric Storch gave a talk titled Nature and Treatment of OCD at the Annual Meeting for Cognitive and Behavioral Therapies held in El Salvador on June 3.

Dr. Mudra Kumar delivered a platform presentation titled Integrated Basic Science Simulations at the International Association of Medical Science Educators held in Burlington, Vermont, June 10-13.

Dr. Maya Balakrishnan gave a lecture titled Neonatal Abstinence Syndrome: A Neonatologist’s Perspective at the Florida Policy Academy Team meeting held May 24 in Tampa, and she moderated the session titled Neonatal Abstinence Syndrome at the Florida Perinatal Quality Collaborative’s 6th Annual Conference held in Tampa, April 28-29.

The following presentations were made at the Pediatric Academic Societies meeting held in San Francisco, May 6-9:
Presentations continued from page 7


Akshatha A, Devendra A, Germain AM. Anterior cerebral artery resistive index, early outcomes and neurodevelopment at 15 months in infants born <32 weeks gestation.

Ho T, Groer M, Kane B, Maheshwari A. Vaginal Delivery and Latino Ethnicity Are Predictors of Early Gram Negative Gut Colonization in Premature Infants

Kiluk VC, Weiss AL. Teaching Human Trafficking to 3rd Year Medical Students

Dr. Akshatha also presented her poster at the Southeastern Association of Neonatologists Annual Conference held May 18-21 on Marco Island, for which she received a Fellow Scholar Award to cover the cost of attending; Dr. Kelly Driver also received a Fellow Scholar Awards and attended the meeting. Dr. Akshatha’s poster will be presented as an e-poster at the 3rd International Neonatology Association Conference held in Lyon, France July 7-9.

FELLOWS FORUM PRESENTATIONS

Akshatha Akshatha, Devendra Amre, Aaron Germain. Anterior Cerebral Artery Resistive Index, Early Outcomes and Neurodevelopment at 15 Months in Preterm Neonates <32 Weeks Gestational Age


Kelly Driver, Laura Weathers, Judy Zarritt, Marcia Kneusel, Rahul Mhaskar, Maya Balakrishnan. Efficacy of Auricular Acupuncture on Neonatal Abstinence Syndrome: A Single-Blinded Randomized Controlled Trial

Sonia Joychan, Jolan Walter, David Berman, Marco Yamazaki-Nakashimada, Jennifer Leiding, Panida Sriaroon. Invasive Aspergillus Fumisynenematus Infection in a Boy with X-linked Chronic Granulomatous Disease

Jacqueline Nguyen, Jason L. Salemi, Terri Ashmeade, Ronald Sutsko, Russell S. Kirby, Jean Paul Tanner, Hamisu M. Salihu, Laura Drach. Survival and Healthcare Utilization of Infants with Lethal Congenital Malformations

Bhumika Patel, Boglarka Ujhazi, Kristtian Csomos, Jolan E. Walter. An Emerging Phenotype of Partial RAG I/II Deficiency Among Young Children with Autoimmunity and Viral Infections

David Lindsay, Carla Duff, Gretchen Vaughn, Gabrielle Jervis, Thomas Mueller, Gregory Hale, Benjamin Oshrine, Jennifer W. Leiding. Severe Combined Immunodeficiency (SCID) Caused by Thymic Aplasia due to Familial Mutation in TBX1

Vidyai Pai, Ambuj Kumar, Brian Knox. Efficacy of an Interactive E-Learning Curriculum in the NICU (INTERN) Compared to Traditional Instruction as a Method to Improve Pediatric Resident Education - A Randomized Controlled Trial

Aimen Ben Ayad, Moath Alhamed, Kaitlin Sapp, Karen Fugate, Jennifer Rodriguez, M Balakrishnan. Improving Growth Velocity of Very Low Birth Weight Infants: A Quality Improvement Study

David Lindsay, Carla Duff, Gretchen Vaughn, Gabrielle Jervis, Thomas Mueller, Gregory Hale, Benjamin Oshrine, Jennifer W. Leiding. Severe Combined Immunodeficiency (SCID) Caused by Thymic Aplasia due to Familial Mutation in TBX1. (Dr. Lindsay was unable to present his abstract)
RESIDENT FORUM PRESENTATIONS

Manuel Penton, Vineet Lamba, Shubeika D’Souza, Christy Bassel, Mavel Gutierrez, Maya Balakrishnan. *Improving Better Practice Guidelines for Late Onset Sepsis Evaluation*

Lauren Swanson, Krishnan Mohan Kumar, NK Namachivayam, Amanda Garces, Byeong Jake Cha, Tanjing Song, Akhil Maheshwari. *Newly recruited Intestinal Macrophages in Human NEC and Murine NEC-like Injury Display an Inflammatory Phenotype*

Asef Mahmud in collaboration with all Med-Peds Residents, Nathan Brinn, John McCormick. *Quality Improvement in Med-Peds Clinic*

Jillian Hagerman, Cameron Nereim, Erica Peterson, Kelsey Schuette Ryan, Tracy Burton. *Healthy Nuggets Happy Meal Week: Educational Initiative to Improve Pediatric Cardiovascular Risk Assessment*

Sean Butler, Meredith Plant, Nicole Armstrong Demoraes. *Resident Board Review*

Harrison Cobb, Dennrik Abrah, Melinda Murphy, Diane Straub. *Improving the Quality of a Quality Improvement and Patient Safety Curriculum in a Pediatric Residency Program*

Christa Root, Philip Sosa, Brian Knox. *Improving Resident Driven Feedback for Medical Students*

Kejal Desai, Karen Fugate, Michele Platt, Sherri Spaw, Maya Balakrishnan. *The MOM Project: Addressing Barriers to Providing Mothers Own Milk (MOM) in Very Low Birth Weight Infants*

Michael Dressing, P. Patrick Mularoni, Jennifer Katzenstein. *Development of a Scale to Measure Academic Related Anxiety Following Concussion*

Zsuzsanna Scionti, Erin Greenup, Sonia Farooqi, Antoinette Spoto-Cannons. *Influenza Improvement Study*

Joanna Robles, Anet Pargas, Jennifer Takagishi, Maria Garay Claudio, Melinda Murphy. *Se Habla Español! Improving Care for Patients with Limited English Proficiency by Implementing Resident Education on the Use of Medical Interpreters*

Cameron Nereim, DeAnne Turner, Diane Straub, Cheryl Vamos, Ellen Daley, Nancy Romero-Daza, Stephanie Marhefka. *“When The Right Time is Not Right Now”: Exploring Pregnancy Ambivalence & Contraceptive Behaviors Among High-Risk Youths*

Harrison Cobb, Dennrik Abrah, Melinda Murphy, Diane Straub. *Improving the Quality of a Quality Improvement and Patient Safety Curriculum in a Pediatric Residency Program*

Sean Butler, Paola Dees, Jennifer Casatelli. *Standardized TPN*

Kejal Desai, Karen Fugate, Michele Platt, Sherri Spaw, Maya Balakrishnan. *The MOM Project: Addressing Barriers to Providing Mothers Own Milk (MOM) in Very Low Birth Weight Infants*

Lauren Swanson, Krishnan Mohan Kumar, K Namachivayam, Amanda Garces, Byeong Jake Cha, Tanjing Song, Akhil Maheshwari. *Newly-recruited Intestinal Macrophages in Human NEC and Murine NEC-like Injury Display an Inflammatory Phenotype*

Michael Dressing, P. Patrick Mularoni, Jennifer Katzenstein. *Development of a Scale to Measure Academic Related Anxiety Following Concussion*