



Department of Pediatrics & Communicable Diseases

**Special items of interest:**

- Patient-centered healthcare design
- Healing through hands-on science
- Trail to the Victors—Big House 5K
- Red Shoe Affair— April 18
- Immuno-Hematology Symposium
- New Member Outstanding Award

**Message from the Chair**

Welcome to what we hoped to be our Spring Edition of *Inside Pediatrics!* While the weather is not cooperating, Spring can't be that far away and this newsletter should warm things up!

In this edition of *Inside Pediatrics*, we feature an article highlighting Patient-Centered Healthcare Design by Dr. Joyce Lee and a very special visit by the Detroit Lions to spend time with the patients of C.S. Mott Children's Hospital over the holiday season.

I hope you enjoy reading all of our news. I encourage you to continue to send items of interest to Kristy Brown ([kribro@umich.edu](mailto:kribro@umich.edu)) for future publications. Thank you for your continued support of Pediatrics at Michigan. *Happy Spring Wishes!*

Valerie P. Castle, MD  
Ravitz Foundation Professor of Pediatrics and Communicable Diseases  
Chair, Department of Pediatrics  
Physician-in-Chief, C.S. Mott Children's Hospital  
University of Michigan Health System



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**Department Upcoming Events**

**Grand Rounds**  
Tuesdays, 8:00—9:00AM  
F2305 MCHC Auditorium

**March 17, 2015**  
John Bridges, B.Ec., Ph.D.  
“Promoting Patient-focused Drug Development”

**March 24, 2015**  
Janet Gilsdorf, M.D.  
“Preventing N. Meningitidis Infection”

**March 31, 2015**  
Ayesha Ahmad, M.D.  
“Hyperammonemia: Update on Acute and Chronic Management”

[www.med.umich.edu/pediatrics/edu/conference.htm](http://www.med.umich.edu/pediatrics/edu/conference.htm)

**Annual Immuno-Hematology Symposium**  
March 27, 2015  
9:54AM—5:30PM  
Troy R. Torgerson, MD, PhD  
BSRB, Kahn Auditorium  
Lunch is provided.

**Department of Pediatrics Clinical Research Conference**  
April 10, June 12, August 14, October 9, December 11  
1:00PM—2:00PM  
Mott Room 11-731  
A light lunch will be provided

**PAS Reception—Combined Michigan Universities**  
April 25, 2015  
6:30PM—8:00PM  
Hilton Bayfront Hotel  
Sapphire Ballroom L

**Family Centered Rounds**  
March 24, 2015  
1:00PM—2:00PM  
MCHC Auditorium

**Faculty Development**  
Conflict Management  
**April 6, 2015**  
7:30AM—4:30PM  
BSRB, Seminar Rooms (1st Floor)

Stress Reduction Workshop  
**April 21, 2015**  
4:30—6:00PM  
NCRC, South Atrium-Bldg 10

Mindfulness-Based Stress Reduction Program  
**March 18—May 6, 2015**  
3:00—5:00PM  
UH-2C108

[www.m.ummsfacultydevelopment.org/register](http://www.m.ummsfacultydevelopment.org/register)

## Pediatrician promotes patient-centered healthcare design

- The University RECORD



For pediatrician Dr. Joyce Lee, "doctor" also means "designer." This idea became reality for Lee in 2012, as she worked on managing her two children's life-threatening food allergies. Lee found that the paper, black-and-white allergy action plan that she filled out for her kids' elementary school wasn't user-friendly, for the school officials or for her children. So what did Lee and her 6-year-old son decide to do about it? They made a YouTube video. Since 2012, Lee's son, "B," has starred in the voiceover for three YouTube "allergy action plan"

videos. The videos cover everything from describing allergy symptoms like hives, to explaining when and how to use the epinephrine autoinjector, or EpiPen. Lee's son also provides the videos' crayon illustrations.

In the week after Lee posted her son's first video, his teacher shared it during morning video announcements with the entire elementary school — more than 700 children and 40 teachers. The video went "a little bit viral," currently clocking in with more than 1,400 views.

The success of B's video is just one example of the patient-centered participatory design that Lee champions, as associate professor of pediatrics at the Medical School and associate professor of environmental health sciences at the School of Public Health.

As part of the HealthDesignBy. Us "collaborative innovation network," Lee works with other doctors, patients, researchers, artists, designers, technologists and entrepreneurs to expand patient involvement and the use of design thinking in health care. Collaborators include Matt Kenyon and John Marshall from the Penny W. Stamps School of Art & Design.

"As health care professionals, we have forgotten about the most important user in health care, the patient. With healthdesignby.us, we are engaging patients as partners in the co-design of solutions for healthcare." Lee says. This focus on participatory design applies to Lee's work in research as much as in the clinic as she embarks on patient-centered collaborations focused on mobile technology for patients with type 1 diabetes.

"We are engaging patients as co-creators in our research because they are the experts," she says. "People think about health and health care as something that's done to you, but we're trying to create the notion that it's something done with you. We all have wisdom to share."

## Q & A with Dr. Lee

### What moment in the classroom stands out as the most memorable?

I don't think of it as one moment. I think about a shift in my career towards participatory design, and a realization that the maker movement is a great example of how to tap into the expertise of patients and caregivers

### What can't you live without?

Twitter. Please follow me! @joyclee

### What is your favorite spot on campus?

The School of Art & Design.

### What inspires you?

My father, Dr. H.O. Lee, who passed away two years ago. He was a patient-centered pediatrician, and he's an inspiration to me as well as the rest of my family.

### What are you currently reading?

"Joy, Inc.: How We Built a Workplace People Love," by Richard Sheridan.

### Who had the greatest influence on your career path?

My older sister, Grace. She's a pediatrician, too.

“Healing Through Hands-On Science”

Education programs at your site, at the Museum, or virtually.



Robin Little, Grants Manager at the Ann Arbor Hands-On Museum received three years of funding, in support of “Healing Through Hands-On Science,” from The Carls Foundation. Her and her staff are all thrilled to now have the resources to sustain the two important components of the program: weekday and weekend Museum outreach programs at Mott and public programs at the Museum, like the teddy bear clinic.

On Saturday, March 28 and Sunday, March 29, the Ann Arbor Hands on Museum is partnering with Mott to present Mott Science Days. The event runs from 10am-4pm on Saturday and from 12pm-4pm on Sunday and will feature a weekend filled with healthy fun. Kids will learn how their bodies work, they will explore various healthcare professions by working their way through the "Teddy Bear Clinic", and see the science behind medical procedures. The event will also be highlighting Mott and the Museum's ongoing collaboration with "Healing through Hands-On Science" and celebrating Child Life Month. Don't miss this fun-filled weekend!

The Red Shoe Affair—April 18th



The Ronald McDonald House 3<sup>rd</sup> Annual Red Shoe event.

It will take place on Saturday, April 18, 2015 at the Jack Roth Stadium Club Room inside Michigan Stadium.

More information will be forthcoming as the event draws near.

ROAR! Detroit Lions visits C.S. Mott Children’s Hospital

*“This is the only time I can be a lions fan. Thanks to the Lions for all their support for C.S. Mott Children’s Hospital. Go Mott!!”*  
-Charles Woodson



## Announcing Our Newest Division!

In September we were proud to announce the creation of the Division of Adolescent Medicine under the Direction of Dr. Terrill Bravender.

Today we are equally pleased to announce the creation of the Division of Developmental and Behavioral Pediatrics under the Direction of Dr. Barbara Felt. The Division of Developmental & Behavioral Pediatrics is dedicated to the development of research collaborations, advocating for child health care policy, the education of medical students, residents and fellows, and in the building of clinical care programs that support the healthy development of children. Each faculty member in this group has been recognized for important contributions in research, education and/or clinical practice. Please congratulate our colleagues in DBP for this important achievement.

The Division of Child Behavioral Health and our pediatric psychology services will remain under the Direction of Dr. David Sandberg.

## Callen's Crusaders, A walk for heart health—May 9th



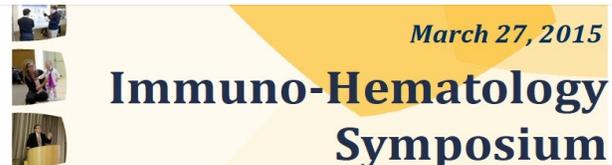
Last year the Pediatric MultiSpecialty clinic formed a Washtenaw Heart Walk team to support a fellow colleague. Betty's son Ethan was diagnosed with HLHS (hypoplastic left heart syndrome). Although he was born a little early, Baby Ethan is doing well, exceeding expectations both in milestones and growth.

Once again, we are coming together to participate in the Heart walk. This year we will be honoring another colleague's son, Callen. Callen was diagnosed with HLHS (hypoplastic left heart syndrome) and born at 23 weeks. Although he is not here today, with his mother Tammara's help, we want to carry on Callen's memory by raising money and awareness for other children with heart complications. You can donate to our team or sign up to walk at

[www.washtenawheartwalk.org](http://www.washtenawheartwalk.org).

## 2nd Annual Immuno-Hematology Symposium

Please join us for the  
Immuno-Hematology Symposium on  
**Friday, March 27th , 2015**  
from 9:45am-5:30pm in the  
Kahn Auditorium of the  
Biomedical Science Research Building.  
Lunch will be provided for  
registered participants.



CALL FOR ABSTRACTS

### Keynote Speaker

Dr. Troy Torgerson

Troy R. Torgerson, MD, PhD, is attending physician at Seattle Children's Hospital and assistant professor in the Department of Pediatrics at the University of Washington School of Medicine. He is co-director of the Immunology Diagnostic Laboratory within the Center for Immunity and Immunotherapies at Seattle Children's Research Institute.

Please join us for this day long event featuring clinical and bench scientist presentations on disorders of the immunologic and hematologic systems.



## Charles Woodson Biostatistics Consultation Program

Consultations are available for Faculty with primary appointments in the Department of Pediatrics as well as Residents, fellows, and staff who are working with an eligible faculty mentor.

### Consultation Office Hours

F2470 Old Mott

*Monday & Friday*  
Kelley Kidwell PhD

*Tuesday & Thursday*  
Nahid Keshavarzi MS

For questions related to the scope of consultations and appointments contact:

Kelley Kidwell, PhD  
kidwell@umich.edu



Charles Woodson and Mott patient.

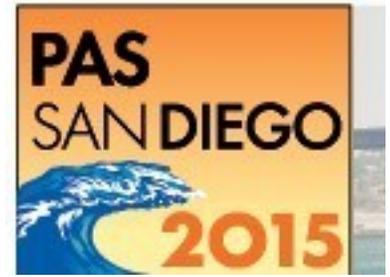
## Pediatric Academic Societies

The 2015 Society for Pediatric Research annual meeting will be held April 25-28, 2015 in San Diego, CA.

State of Michigan Combined Academic Centers Reception will be held on Saturday, 4/25/15, 6:30-8:00pm Hilton Bayfront Hotel, Sapphire Ballroom L

11th Annual Health Services Research Investigators and Trainees Reception will be held on Saturday, 4/25/15, 7:15-8:45pm Hilton Bayfront Hotel, Sapphire 410A

Congratulations to **Linda M. McAllister-Lucas, M.D., Ph.D.** as the recipient of the 2015 Norman J. Siegel New Member Outstanding Science Award. This award is bestowed on a newly elected APS Member to acknowledge his/her outstanding contributions to science.



### 2015 Norman J. Siegel New Member Outstanding Science Award Recipient

Dr. Linda McAllister-Lucas is a former resident, fellow and faculty member in our Department who will be honored at the APS/SPR meeting in April with the 2015 Norman J. Siegel Award. Dr. McAllister-Lucas is an Associate Professor of Pediatric Hematology/Oncology at the University of Pittsburgh School of Medicine. She received this award for her investigation of how dysregulated intracellular signaling contributes to cancer and inflammation. Her interest in signal transduction and targeted therapeutics began as a doctoral student with Dr. Jackie Corbin (Vanderbilt), where she made the major contribution of cloning and characterizing phosphodiesterase 5, now well-known to be the pharmacologic target for sildenafil. After completing residency and fellowship training at University of Michigan, she pursued post-doctoral research with Dr. Gabriel Nunez and transitioned her cellular signaling expertise into the field of cancer biology.

## Adolescent Immunization Project Award Winners

-Linda M. McGrath BSN, RN

Our primary care VFC sites, along with some of the RAHS (Regional Alliance for Healthy Schools) schools, participated in a grant-funded Adolescent Immunization Project through the Michigan Department of Community Health. I'm pleased to announce that three of our sites have been recognized as award winners for this project, at the MDCH Regional Immunization Conferences.

Based on immunization rates for 13-18 year old males and females, three types of awards were given:

**Highest Coverage Rates**  
(1 Tdap, 1 MCV, and 3 HPV)

**Most Improved**  
(1 Tdap, 1 MCV, and 3 HPV)

**Innovative Champions Award**

Two of our sites were recognized for Highest Coverage Rates and were presented with awards .

**U of M West Ann Arbor Health Center** - 3rd highest coverage of 94 providers

**U of M RAHS Ypsilanti High School** - 5th highest coverage of 94 providers

One of our sites were recognized as an Innovative Champion and received their award in December.

**U of M Howell Pediatric and Teen Center**

*University of Michigan Howell Pediatric and Teen Center (Livingston County, Howell, MI): As part of the University of Michigan Health System, the Howell Center strives to provide the highest quality pediatric and teen care possible. As a result they invest a lot of energy and resources into ensuring their adolescents receive all their needed vaccines. To achieve this they use reports from both MCIR and their EHR to identify overdue patients. They contact them by phone and letters to*

*schedule them for either a well-child or vaccination appointment. In addition to phone reminders and magnets, these efforts have significantly reduced the gap between their first dose HPV rate and their third dose HPV rate. Additionally, they focus on educating their staff and patients to ensure all staff provide a strong recommendation for all adolescent vaccines. Lastly, they utilize any resource available to them to educate and remind parents and patients of their needed vaccines including joining this project, expanding recall messaging to reach more teens, utilizing creative reminders, and providing educational flyers. As a result of their dedication to adolescent immunizations and their creative approaches, we are happy to name them an Innovative Champion! The UM Howell Medical Director, Dr. Wickham, is very proud of their work and thanks MDCH for helping them achieve this wonderful award!*

## 2014 Clinical Services Program of the Year—Michigan Congenital Heart Center

*“On behalf of the University of Michigan Hospitals and Health System Senior Management Team, I would like to congratulate the Michigan Congenital Heart Center as winner of the 2014 Clinical Services Program of the Year. For 32 years, we have recognized the efforts put forth by those involved in programs that have a positive impact on our patients and community. This award speaks to the superb work and dedication of your team.” ~Tony Denton*



### CONGRATULATIONS TO.....



**Drs. Shaili Rajput, MD, MPH and Margeaux Reizim, MD** on being awarded a **2015 Advocacy Training Grant**.

The application process was competitive this year, with 16 total applicants. The committee was excited to read the plans to utilize what they had learned from

the Legislative Conference and how they plan to collaborate with their chapter.



**Alissa Doherty, MD** as she was selected as the **District V fellow representative to the AAP's TECaN (Trainee and Early Career Neonatologist) committee**. As the District rep, she'll represent all fellows in our District on AAP matters involving neonatal-perinatal medicine training. District V includes Michigan, Ohio, Indiana and Ontario. There are a total of 10 NICU fellows selected nationally to represent all of the training programs in the USA and Canada. As part of her position, the AAP will send her to the two primary AAP neonatal meetings for the next 2 years.

**Professors Kurabayashi, Fu, Tim Cornell, and Tom Shanley** on receiving the **2014-2015 Ted Kennedy Family Team Excellence Award**. This is a tremendous recognition of the importance of this work and its potential to impact the understanding we have of complex immune dysregulation in the care of patients with complex disorders such including septic infection that we see in our intensive care environments.

**Michelle Macy, MD** for receiving the **2014 IHPI Early to Mid-Career Impact Accelerator Award** for outstanding contributions to health policy and practice through her research on child passenger restraint use. The work of Dr. Macy and her team has shown significant racial disparities in child passenger restraint use and indicated a need for culturally appropriate interventions aimed at eliminating these disparities.



**Janet Gilsdorf, MD, FIBDS** for being selected as the **President-Elect** of the Pediatric Infectious Diseases Society and will serve her term 2015-2016.



**Emily Fredericks, PhD** for being selected to **co-Chair** the National Meeting of the Society of Pediatric Psychology which will be held in San Diego April 2015.



**David Sandberg, PhD** for his **AAMC Committee appointment**. Dr. Sandberg has his first opportunity to be formally involved in medical education by participating within AAMC's Advisory Committee on Sexual Orientation, Gender Identity, and Sex Development (Axis) as a member of the Differences of Sex Development Ad Hoc Committee. He is also being recognized for his editorial board assignment. The Archives of Sexual Behavior is the premiere international journal for sex research. Sex research continues to be a difficult area for high quality investigation and is threatened by what some might consider as "fringe" science. This journal is a clear exception and hence his interest in sharing the news that he has been added to the editorial board.



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### ***Inside Pediatrics***

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*Inside Pediatrics is published quarterly by the Office of the Chair. Suggestions or submissions for this newsletter should be directed to Kristy Brown (kribro@umich.edu).*

## **Department of Pediatrics Holiday Party**

The annual Holiday Party was well attended with over 500 guests. The Department of Pediatrics collected 104 pounds of food and \$120.00 for Food Gatherers. The food and items gathered, in addition to the money totals will provide more than 400 meals to our neighbors in need within Washtenaw County!



## **The W.O.W. Program Recommends:**

The Department of Pediatrics W.O.W. (Wellness Oriented Workplace) Program encourages faculty and staff to participate in the Big House 5K! MHealthy has partnered with U-M Athletics for the Trail to the Victors: Big House 5K Walk/Run on Sunday, April 12. The event begins near the Stephen M. Ross Athletic Campus and will finish on the 50-yard line of the Big House! A portion of every entry fee will go to support six charities, including [Project Healthy Schools](#).

Also, if you are participating in Active U, use this event as your post-program celebration – walk, run or roll alongside your teammates and fellow Active U participants. [Learn more about Trail to the Victors...](#)

Please direct any questions to Kristy Brown (kribro@umich.edu), Wellness Champion

