

Spring 2016

Inside Pediatrics



University of Michigan
C.S. Mott Children's Hospital

Department of Pediatrics & Communicable Diseases

Message from the Chair

Special items of interest:

- Dr. Shellhaas Studies How Seizures Impact Children Long Term
- Give 1 Back Campaign
- Best Pediatric Medical Schools
- Dr. Quinonez Hopes to Provide Quality Care Through Mobile App
- Flint Water Crisis Talk
- Dr. Bates Accepts CQO Role
- Outstanding Research Abstract Awards
- March Recognition Month Highlights

Welcome to the Spring Edition of *Inside Pediatrics*!

In this edition of *Inside Pediatrics*, we feature information about Dr. Shellhaas being awarded \$2.8 million in funding, the Give 1 Back Campaign, and a U-M application that will bring community genetics services to Ethiopia. We are pleased to also highlight many faculty and staff accomplishments.

I hope you enjoy reading this newsletter. I encourage you to send items of interest to Shelby Chase (sachase@umich.edu) for future publications. Thank you for your continued support of Pediatrics at Michigan. *GO BLUE!*

Valerie P. Opiari, 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

Current Status of Pediatric Ventricular Assist Devices—Emerging Trends in Pediatric Heart Failure
May 24, 2016
Christopher Almond, MD, MPH

Presentation Title TBD
May 31, 2016
Michael Spigarelli, MD, PhD, MBA

Faculty Development

Partners in Pediatric Care Conference
June 3, 2016
Various locations
(*must register)

Turning Observation into Education
June 7, 2016
BSRB Seminar Rooms
8:00-9:30 am
(*must register)

Using the PRIME+ Model to Provide Better Written Feedback to Learners
June 15, 2016
BSRB Seminar Rooms
8:00-9:30 am
(*must register)

Conflict Management: How to Have Difficult Conversations
June 23, 2016
BSRB, 1st floor
8:00 am—4:30 pm
(*must register, \$300 fee)

Essential Skills for Successful Leadership
June 28, 2016
BSRB, 1st floor
8:00 am—4:30 pm
(*must register)

21st Annual Medical Conference
September 8 & 9, 2016
Radisson Hotel & Conference Center, Lansing, MI
(*must register)

Dr. Shellhaas and Colleagues Study How Seizures Impact Children Long Term

For parents, watching their newborn baby have seizures can be a traumatic event.

But for physicians, it's what happens after the seizure that garners attention.

More than 16,000 newborns in the U.S. experience neonatal seizures each year, events that leave at least 50 percent with long-term disabilities such as cerebral palsy or epilepsy. Even with this prevalence, the best approach for treatment remains unknown. "Despite the wide-ranging impacts of neonatal seizure, we still have alarmingly significant gaps in what we actually know about their impact on children," says pediatric neurologist Renée Shellhaas, M.D., M.S.



Photo obtained from labblog.uofmhealth.org

Shellhaas and her colleagues were recently awarded \$2.8 million in funding from the nonprofit organization Patient-Centered Outcomes Research Institute (PCORI) to take a novel approach to studying how these children fare long term.



"Previous attempts at studying this have failed because randomization just isn't a viable option in this population group," says Shellhaas, the principle investigator for the study. "We believe doctors are already making the decision they feel is right for each child — so our approach will stratify children based on the type of treatment they are receiving, and we will follow them through age 2 to monitor their development and comorbidities."

Shellhaas and her team conducted focus groups and an online survey of more than 100 parents of infants who had experienced neonatal seizures to assess what they would hope to learn from the study. The findings showed that the medical management of children in the period following the seizures affected parents just as much as the seizures themselves.

"Our parent survey showed major concerns about medication side effects and concerns about the long-term effects of this type of medication on their child's development," says Shellhaas. Many parents also highlighted concern about duration of therapy, asking whether infants were overmedicated to prevent something that may never happen.

"Sedating medications have an impact on the whole family," says parent Libby Hill. "The effect this type of sedation has on an entire family can't be understated." Hill, who is a pediatrician in training and the mother of an infant with neonatal seizures, helped develop the study. The study will span seven high-volume children's hospitals across the country.

"We hope that the results of this research will lead to meaningful improvements in outcomes for newborns with seizures," says Shellhaas. "If giving more phenobarbital does not change the risk of developmental delay or epilepsy, and is acceptable to families, then this study will provide key evidence that shorter treatment duration is safe and we can eliminate unnecessary exposure to medication for these babies."

To learn more about Dr. Shellhaas' study and its design, please visit:

<http://labblog.uofmhealth.org/lab-report/are-doctors-overmedicating-newborns-seizures>

Give 1 Back Campaign & Charles Woodson Clinical Research Initiative



The Ross School of Business Weekend MBA Class of 2016 have spent the last two years learning how to be boundaryless, action-orientated, positive and analytic. These students wanted to use those skills to give back to charitable causes whose goals embody the same values as their own.

That is when the Give 1 Back Campaign became. The students came together and pledged to give 1% of their income back to charity each year for the rest of their lives. This pledge totals to more than \$13 million of giving throughout their lifetime.

The group really loved the way Charles Woodson, a fellow alumnus, chooses to give back to the place that means so much to him, so they chose to support his efforts here. The Give 1 Back Campaign will support the Charles Woodson Clinical Research Initiative at C.S. Mott Children's Hospital. This initiative is our fellow University of Michigan alumnus Charles Woodson's vision to help equip the most gifted physician scientists at Mott with the resources necessary to push the boundaries of pediatric medicine.

From April 11-29, the Ross Weekend MBA Class of 2016 matched dollar-for-dollar donations made to the Give 1 Back Campaign. They surpassed their goal to raise \$30,000 by over \$14,000. Thus doubling their ability to make a difference in the lives of the Little Victors cared for at C.S. Mott Children's Hospital.

You can still donate today to the Give 1 Back Campaign.

To do so, please visit:

http://friends.umich.edu/site/TR?fr_id=1310&pg=entry

Together, we can make a difference!



Best Pediatric Medical School Programs for 2016—Where does U-M Rank?



The U.S. News and World Report looked at all of the Medical Schools in the United States and ranks the best ones. The University of Pennsylvania ranked at #1, and Harvard University at #2.

The University of Michigan didn't follow far behind, coming in as the 12th best Pediatric Medical School to attend. We certainly sat in good company, tying with Stanford University.

In 2015 The University of Michigan ranked 12th, which was the highest for this specialty since 2007.

Cell Phone Application to Prevent and Treat Congenital Malformations and Genetic Diseases

Birth defects with genetic or partially genetic origin affect 7.9 million children annually worldwide with 94% of those births occurring in low and middle-income countries (LMIC). Importantly, up to 70% of birth defects can be either prevented or treated. Through the efforts of the World Health Organization (WHO), multiple LMICs, and motivated clinicians and institutions, community genetics services have been successfully integrated and proven to be beneficial in multiple LMICs.

Dr. Shane Quinonez, a medical geneticist at The University of Michigan, visited Ethiopia in May to providing training on an app that hopes to bring community genetics services to the population. Currently, Ethiopia has no strategies in place that focus on community genetic services, and there is little known regarding the epidemiology of congenital malformations and genetic disease in the country. In an effort to both assist Ethiopian physicians provide community genetics care to their patients and collect epidemiologic data on congenital malformations and genetic disease in Ethiopia, the idea and use of the MiGenE Family History Application came to creation.

The MiGenE Family History Application is being developed through a joint venture between the departments of Pediatrics and Obstetrics/Gynecology at St. Paul's Hospital Millennium Medical College (SPHMMC), the University of Michigan and xHub Innovative Society, an Ethiopian technology company. The funding for the project will be provided by Dr. Quinonez who will also be principal investigator on the project.

This mobile application will collect a patient's basic demographic data and limited medical history. Based on the medical diagnoses entered, the data will be transmitted securely to The University of Michigan for epidemiologic study. A needs assessment will then be established and physicians using the app will be provided with genetic counseling information to provide to the patients,.



Application Icon

Mott Physicians Put Their Dancing Shoes On—'Dancing With the Michigan Stars' Fundraiser



Photo: Dancers Drs. Stephanie Goldstein, Karena Wu, Nicole Wilder, Matthew Nieder, and Jimmy Lu

Six brave Mott physicians took center stage at the Michigan Union to help raise money for C.S. Mott Children's Hospital this May. It was run like 'Dancing With the Stars' on ABC, where the rookie dancers are paired with a professional dancer, and judges provide scores based on the amateurs ability to dance. "Most of us did not have any serious ballroom experience," states Dr. Lu.

The evening was sponsored and donated by Arthur Murray Dance Studio. Admission prices as well as various donations helped to raise money for C.S. Mott Children's Hospital.

Local celebrities also performed—such as Miss Michigan from 2014 and the Wolverine Stormtrooper, as well as the professional dancers from Arthur Murray Dance Studio. The judges, also some local celebrities such as Jennifer Bisram from WXYZ Channel 7 Action News, watched and scored the dancers.

Dr. Stephanie Goldstein won the judges' technical award, and Dr. Nicole Wilder won the People's Choice Award for raising the most money. Dr. Karena Wu won an honorable mention from the judges.

Pediatric Grand Rounds—Annual Niland Lecture



“Current Status of Pediatric Ventricular Assist Devices—Emerging Trends in Pediatric Heart Failure”

Christopher Almond, MD, MPH
Assistant Professor
Pediatric Cardiology
Stanford University

Date: May 24, 2016 @ MCHC



Flint Water Crisis Talk—Dr. Mona Hanna-Attisha

Flint Water Crisis: Application of Children’s Health Research

Mona Hanna-Attisha, MD, MPH, FAAP
Director, Pediatric Residency Program
Hurley Medical Center
Assistant Professor, Pediatrics and Human Development
Michigan State University College of Human Medicine

*Please see flyer below for date, location, and time.

Can’t make it? Live webcast available at:

<https://connect.umms.med.umich.edu/cheahr-hsr>



**Child Health Evaluation
and Research Unit**



University of Michigan

**Child Health Services Research
Seminar**

**10:30 AM - 11:30 AM
Tuesday - May 24th, 2016**

**300 N. Ingalls St.
10th Floor, CHGD Commons Room #1000**
(Please note: This HSR Seminar has been moved from
the 6th floor to the 10th floor conference room at NIB)



University of Michigan
C.S. Mott Children's Hospital

PEDIATRICS AND COMMUNICABLE DISEASES
27TH Annual
PEDIATRIC RESEARCH SYMPOSIUM
October 10-11, 2016
Towsley Center

CALL FOR ABSTRACTS

All UMHS health care providers are invited to submit abstracts of their research in Pediatric medicine.

**Abstracts will be accepted through
July 25th, 2016**

Please visit the [PRs website](#) for more information

Jake A. Kushner, MD
Pediatrics, Diabetes and Endocrinology
McNair Medical Institute Scholar
Baylor College of Medicine
Texas Children's Hospital
(Taubman Visiting Professor Lecture)

Howard Bauchner, MD
Editor in Chief
The Journal of the American Medical Association
The JAMA Network
(Grand Rounds Presentation)

Contact: Pediatric Research Office
pedsresearch@umich.edu, 734-615-1740

Dr. Kera Luckritz Accepts the Role of Associate CMIO



Dr. Kera Luckritz accepted the role of Associate Chief Medical Informatics Officer (CMIO) for C.S. Mott Children's Hospital, which went into effect April 1st.

Dr. Luckritz is board certified in Pediatrics and Pediatric Nephrology and has been the Medical Director of Pediatric Dialysis since 2011. She has been the Physician Champion for Pediatric Nephrology and Dialysis since 2013 and has been instrumental in the UMHS roll-out of the NINJA initiative, an automated electronic health record-based initiative which allows physicians and pharmacists to monitor renal function in patients on nephrotoxic medications. Additionally, she is pursuing additional training in quality and safety via the PASQUAL program, which she will be completing this spring.

Dr. Danziger's Essay Receives First Place Prize

Dr. Phoebe Danziger's essay, "End of Life Care Before Birth" has been awarded the first place prize in the 2016 APA Ethics SIG ethics essay contest. Dr. Danziger's essay will be published in the APA newsletter June-July edition. She was also invited to read her winning essay at the ethics SIG meeting in Baltimore. Strong work, Dr. Danziger!



Dr. Terry Murphy Receives Leonard Tow Humanism in Medicine Award

Each year, Leonard Tow Humanism in Medicine Awards are presented to a graduating student and faculty member (M.D. or D.O.) at over 100 of the nation's medical schools. This award is given to those who best demonstrate the Foundation's ideals of outstanding compassion in the delivery of care; respect for patients, their families, and healthcare colleagues; and clinical excellence.

Dr. Murphy was selected by the Medical Student Curriculum Representatives as this year's faculty recipient of the Leonard Tow Humanism in Medicine Award Presented by the Arnold P. Gold Foundation. Dr. Murphy was felt to be the ideal recipient because of the professional, humanistic, and compassionate nature he exhibits towards patients, students, residents, and peers. Congratulations Dr. Murphy for this wonderful recognition!



Dr. Prashant Mahajan named Division Chief of Pediatric Emergency Medicine



Prashant Mahajan, MD, MPH, MBA will be joining the University of Michigan as Vice-Chair of Emergency Medicine and Division Chief of Pediatric Emergency Medicine beginning September 1, 2016.

Dr. Mahajan received his MD at the University of Bombay, India, and completed his EM residency and fellowship at Children's Hospital of Michigan. He received his MPH from the University of Michigan and his MBA from the University of Massachusetts. Dr. Mahajan joins us from Wayne State University and the Children's Hospital of Michigan where he is currently Professor of Emergency Medicine and Pediatrics, and Division Chief of Emergency Medicine in the Carman & Ann Adams Department of Pediatrics.

Dr. Carey Lumeng to Serve on the Medical School Biomedical Research Council

Carey Lumeng, MD, PhD, will be serving on the Medical School Biomedical Research Council, effective immediately.

The BMRC of the University of Michigan encourages biomedical research and facilitates interdisciplinary research and training across the University. One way this mission is supported is through the BMRC's funding programs. Funds are available to basic science researchers in the Medical School for Bridging Support.

The BMRC also reviews the nominations for the Distinguished Faculty Lecture Award in Biomedical Research and the Dean's Basic Science Research Award. The BMRC members represent the Health Sciences Schools and Colleges and the Veterans Administration Medical Center. The BMRC meets to discuss research issues and makes recommendations to the Medical School and University Administration on policies and practices to assist research investigators throughout the University. *Great work and best of luck on this new endeavor!*



Dr. Melissa Cousino Accepts Research Grant from ISHLT and Enduring Hearts



At a recent conference in Washington D.C., Dr. Melissa Cousino (PI) accepted the research grant from the International Society for Heart and Lung Transplantation (ISHLT) and Enduring Hearts. The grant is to investigate adolescent and young adult communication and medical decision making preferences in pediatric heart transplant. Dr. Cousino and Co-I Dr. Kurt Schumacher, are pictured to the left.

Congratulations, Dr. Cousino!



Dr. Katherine Bates Accepts Role of Chief Quality Officer

Dr. Katherine Bates has accepted the role of Chief Quality Officer of C.S. Mott Children's Hospital and Von Voigtlander Women's Hospital.

Dr. Bates obtained her medical degree in 2005, followed by residency and chief residency in 2009 at the University of Michigan. Dr. Bates completed a Pediatric Cardiology Fellowship at the Children's Hospital of Philadelphia in 2012. Dr. Bates completed a Master of Science degree in Health Policy Research, and a Healthcare Quality and Patient Safety Fellowship program at University of Pennsylvania in 2014. Additionally, Dr. Bates is an Improvement Advisor after having completed the Professional Development Program at the Institute for Healthcare Improvement, Cambridge, MA. Dr. Bates is board certified in Pediatrics and Pediatric Cardiology. She is currently a Clinical Assistant Professor in the Congenital Heart Center at the University of Michigan. *Congratulations Dr. Bates!*



Dr. Mackenzie Awarded a 2016 cycle 2 CATCH Resident Grant



Dr. Mackenzie was one of 15 proposals to be awarded a 2016 CATCH Resident (Cycle 2) grant from the American Academy of Pediatrics. He is applying his passion of Track and Field to encourage the children of Ypsilanti to exercise and eat healthy. When asked about his passion of track and field, Sam states, “track and field is a life-long sport. It’s been a consistent part of my life ever since I was young, and I’m really excited to share that with these kids. All you need is a pair of shoes and a ground to run on.” This is how the Frog Island Track Club has come to be.

The CATCH grant will help fund the Frog Island Track Club, a program that will provide a fun, free outlet for physical activity for children in the Ypsilanti area this summer. The program will also have a nutritional aim, providing on-site nutritionists to talk to parents while their kids exercise.



“We were really fortunate to get some financial support by way of the American Academy of Pediatrics CATCH grant program. In addition to providing an outlet for physical activity, some of our other aims include setting up children who don’t see pediatricians regularly with pediatric medical homes and making sure kids are up to date on their vaccinations,” Dr. Mackenzie states. Strong work, Sam!

To learn more about the program, visit www.frogislandtrackclub.com.

Outstanding Research Abstract Awards

May 9-13, 2016 marked Resident Scholarly Activity Week. Graduating Pediatric and Medicine/Pediatric residents presented their scholarly projects during morning and noon conferences during this week. Of these projects, three abstracts were selected as Outstanding Resident Abstracts and their authors presented their projects during Grand Rounds on May 10.



The three winners of the Resident Outstanding Abstract Awards are:

Jason Fischer, MD, MS

Guided Feedback Improves Medical Student Documentation

Tim Kaselitz, MD

Impact of Vaccination on Morbidity and Mortality in Adults Hospitalized with Influenza, 2014-2015

Margeaux Naughton, MD

Evaluation of an Online Video-Based Firearm Safety and Injury

Faculty and Staff Receive Gratitude During March Recognition Month

March was a very special month in the Department of Pediatrics! Various faculty and staff received recognition from their colleagues during Recognition Month. These people portray great customer service and go above and beyond in their areas.

Let's give our wonderful recipients a shout out! Please give a **big** round of applause for ...

👏 **Teri Behnke**, Office Manager/Research Coordinator in Pediatric Neurology, was nominated by Rebecca Youmans DeMoss, Sr. Research Process Manager in Research Administration for outstanding support and helpfulness provided during short research staff periods.

"Teri helped our office while we were missing two staff members during peak grant application season; while at the same time additional responsibilities were being



👏 **Ann Marie Ramsey, RN**, with Pediatric Pulmonology/Vent Program, gets a recognition from Dr. Amy Filbrun, Clinical Associate Professor, Pediatric Pulmonology.

Dr. Filbrun states "Ann Marie has stepped up while her colleague is out on maternity leave and is willingly helping to see consults, facilitate transition and educate families on the inpatient service all in addition to performing all her usual outpatient responsibilities. She has been a true life saver, helping residents, faculty and the rest of the team." *Great work Ann!*

👏 **Dr. Folafoluwa Odetola**, Associate Professor of Critical Care Medicine, best known as Dr. "O" was nominated by Dr. Tsovinar Arutyunyan, Clinical Lecture in Critical Care Medicine.

Dr. Arutyunyan salutes "O" for his exemplary mentorship, teaching and advice he has provided. Arutyunyan, states that Dr. O goes the extra mile for patients. He demonstrates the heart and soul of the profession which is rarely seen in a senior physician. He impacts his colleagues and trainees as a role model in an exemplary manner. "Dr. O is a gem whose work may go unnoticed by people who do not work directly with him. His influence in PCCM is immense."



Faculty and Staff Receive Gratitude During March Recognition Month

The recognitions continue! Please give a round of applause for ...

👏 **Karen Carskadon**, Administrative Specialist for Pulmonary Medicine was nominated and awarded as “Queen for the Week” by Dr. Marc Hershenson and the Division of Pediatrics Pulmonology.

Karen is the primary divisional support staff in the Pulmonology Division where she goes above and beyond expectations on a daily basis. “She truly deserves a RAVE award every day,” Dr. Hershenson states. Karen is crowned queen for all her hard work in keeping the research office running in top notch shape and specifically for her efficiency and the manner she takes responsibility for all that she does for the fellowship program and laboratory operation.



👏 **Kim Sherwood**, Pediatric Resident Assistant was nominated by Denise Alton, Resident Coordinator in the Pediatric GME Office.

Denise states, “Kim has gone the extra mile in helping the residents. She took upon herself the task of triaging all of the requests for Prior Authorization that are faxed to the Pediatric Education office. When Kim stepped up to handle this task things became more efficient for the pharmacy and for our patients.” *Way to go Kim!*

👏 **Dr. Kevin Kuo**, Clinical Lecture Critical Care Medicine, was nominated by Dr. Yu Kawai, CCIU resident.



Dr. Kawai says, “Dr. Kevin Kuo has gone above and beyond to dedicate his time and effort to medical education. He teaches well during rounds by taking time to go over high-yield topics and after rounds he takes out the whiteboard to illustrate commonly encountered pathophysiology. In addition, he has developed a curriculum site to help organize key topic for the residents/fellow. Now others outside of the UM community are now utilizing.” Dr. Kawai states, “I see him as a great role model and he deserves recognition.”

Thank you to those who nominated these faculty and staff for their recognitions!

* Please remember you can always submit recognitions to Maydis Skeete, mskeete@med.umich.edu OR submit a form on the internal website.



**University of Michigan
C.S. Mott Children's Hospital**

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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 Shelby Chase (sachase@umich.edu)

Ice Cream Social Time!

Karaoke, games, giveaways and ice cream — it is that time of the year again, and we will be there!

The Department of Pediatrics will have a table full of fun, so make sure to swing by and see us on **August 31 from 11:00 am—2:00 pm.**

See you there!

