Welcome to the Fall Edition of Inside Pediatrics!

In this edition of Inside Pediatrics, we feature our new and promoted faculty members and officially announce the 16th division in the Department.

We are pleased to also highlight recent faculty awards and appointments, the upcoming David Rosen Collection at the University of Michigan Museum of Art, and the highly successful 25th Annual Research Symposium.

Our academic year is certainly off to a tremendous start. I hope you will enjoy learning more about all of these areas Inside Pediatrics. Thank you for your continued support and the work you do in Pediatrics at Michigan.

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

Special Items of Interest:
- David Rosen Collection
- New & Promoted Faculty
- CF Foundation Grant
- Adolescent Medicine
- Palliative Care Fellowship
- Research Symposium
- Meister Lecture

27th Annual Block Out Cancer Golf Outing
The 27th Annual Block Out Cancer Golf Outing held on June 19th raised $5,000!

This annual event raises funds in support of Pediatric Cancer Research, including leukemia, lymphoma, sarcoma, and neuroblastoma. To date this effort has raised more than $100,000 for our Childhood Cancers Research Programs.

Upcoming Events
- David S. Rosen Collection Opening Reception
  Oct. 25th 2:00—5:00 PM
  University of Michigan Museum of Art

- Susan B. Meister Lecture in Child Health Policy
  Nov. 19th 4:30—6:00 PM
  J. Nadine Gracia, MD, MSCE
  BSRB, Kahn Auditorium “Moment of Opportunity: Reducing Health Disparities and Advancing Health Equity”

- Annual Department of Pediatrics Holiday Party
  Tuesday, December 16th
  5:00-9:00 PM
  Barton Hills Country Club
  Families welcome.
  Donations accepted for Food Gatherers.
  RSVP by December 10th
  to Kristy Brown kribro@umich.edu

- Comprehensive Eating Disorders Program Save the Date
  Jan. 8th 5:00—7:00 PM
Announcing New Division within the Department

The Department of Pediatrics and Communicable Diseases at the University of Michigan is pleased to announce the establishment of the new Division of Adolescent Medicine. Adolescent Medicine is the 16th division in the department and is under the leadership of Terrill Bravender MD, MPH. The University of Michigan has long been a national leader in Adolescent Medicine, and the establishment of the new division will expand and strengthen the clinical, educational, and research activities dedicated to improving adolescent and young adult health both regionally and nationally. The division will be working in collaboration with a number of programs providing health services to teens, including psychiatry, family medicine, obstetrics and gynecology, and others. In addition to Dr. Bravender, Kathleen Mammel, MD recently joined the faculty and is co-medical director of the University of Michigan Comprehensive Eating Disorders Program (CEDP). The CEDP will be hosting an open house on January 8, 2015 from 5-7 PM, and all are invited. For more information, please email umcedpopenhouse@umich.edu

New Faculty Dinner

Promoted Faculty Dinner

On September 10th the Department of Pediatrics celebrated the promotion of 6 faculty members with a dinner held at Rackham Business School in the West Conference Room.

Congratulations to:
Debbie Gipson, MD, Professor
Carey Lumeng, MD, PhD, Associate Professor w/Tenure
Bethany Gaffka, PhD, Clinical Associate Professor
Bethany Mohr, MD, Clinical Associate Professor
Renee Shellhaas, MD, Clinical Associate Professor
Aarti Raheja, MD, Clinical Assistant Professor

A dinner was held, October 2nd at the Alumni Center, recognizing 25 new faculty members joining the Department of Pediatrics and Communicable Diseases in the past year.

News From Our Community

A dinner was held, October 2nd at the Alumni Center, recognizing 25 new faculty members joining the Department of Pediatrics and Communicable Diseases in the past year.

Promoted Faculty dinner celebration.
The Integrated Behavioral Health (IBH) program, a joint initiative between Pediatric Psychology and General Pediatrics, is designed to improve access to behavioral health services for children in primary care settings. The program provides on-site behavioral health care for children in primary care and trains future doctoral level providers to deliver these services. Integrating behavioral health services into primary care in this way allows us to provide our patients with a medical home that attends to their physical and behavioral health concerns in a collaborative manner, truly reflecting The Michigan Difference.

The rationale behind developing the IBH program at the UMHS largely stems from the increasing prevalence of pediatric behavioral health issues presenting in primary care throughout the country. It is currently estimated that roughly 25% of primary care pediatric visits revolve exclusively around behavioral health issues and that behavioral health issues arise during most primary care pediatric visits (80%). Recent evidence also suggests that pediatricians are delivering up to 80% of all behavioral health care for children in the United States.

Many pediatricians report that they are not comfortable treating behavioral health issues and lament that these issues prevent them from focusing on medical treatment. Additionally, pediatricians report that patients often do not attend sessions at the off-site behavioral health providers to which they refer them. Indeed, evidence suggests that only 25% of pediatric patients referred off-site arrive at the first behavioral health appointment. But we have found that, when we co-locate doctoral level psychologists in primary care, about 70% of referrals arrive at that first appointment.

A recent pilot investigation into the IBH model at UMHS demonstrated significant improvements in access to behavioral health services for our pediatric patients. Furthermore, we found that this method resulted in statistically significant better treatment outcomes in children diagnosed with ADHD. The model also improved patient satisfaction, physician satisfaction, and provided economic efficiencies for both the patient and our healthcare system.

The success of this pilot program started in the Howell Pediatric and Teen Clinic in September of 2012 has led to Dr. Castle’s decision to expand the IBH program. The goal of the program is to provide behavioral health services to all of our primary care pediatric patients within the UMHS. This initiative sends a clear message that the UMHS Department of Pediatrics is committed to providing the highest level of patient care, and strategically positions us to be Leaders and Best as we evolve with the American healthcare system in the coming years.

Please do not hesitate to contact, Dr. Blake Lancaster, if you are interested in conducting collaborative research, training or clinical endeavors pertaining to IBH in primary care. blancast@umich.edu

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**Fellowship In Palliative Care Grant Awarded**

We are excited to announce that through the American Academy of Hospice and Palliative Medicine (AAHPM) the University of Michigan has just been awarded a Y.C. Ho/Helen and Michael Chiang Foundation Fellowship grant in the amount of $40,000 to partially support a fellowship position for the 2015 academic year. AAHPM enthusiastically supports this project and recognizes its potential to provide excellent training for hospice and palliative care subspecialists who are responsible for caring for the pediatric population. The UM Department of Pediatrics has agreed to match the grant by the Y.C. Ho/Helen and Michael Chiang Foundation by committing financial support to supplement the pediatric fellow salary and benefits not fully covered by this grant.

University of Michigan C.S. Mott Children’s Hospital is looking for a pediatric candidate interested in completing a fellowship in HPM in the coming 2015 academic year!

We hope to interview candidates in the next 4-6 weeks. If you know of any interested candidates for the coming 2015-2016 academic year, please contact Dr. Terry Murphy, tmurph@med.umich.edu for more information.
Super heroes from Clinic

- Kelly Hornbacher

A group of employees from the Pediatric Multi-specialty clinics, led by team captain, Dianne Sadler, walked in honor of a co-worker’s unborn child with a congenital heart defect.

The team name was Ethan’s Emissaries. The team of 26 people raised almost $2000 for the annual American Heart Association walk in Washtenaw county.

Patient’s love of cars lives on in special auto show at C.S. Mott Children’s Hospital

- Jean Jennings

Caden Bowles, an 11-year-old boy who loved cars, desperately needed a hero: a donor who could provide him with a second heart transplant he needed to survive. Caden had received his first heart transplant as a baby at C.S. Mott Children’s Hospital. But that heart was no longer working well enough to keep him alive. Despite efforts to keep him healthy until a new heart became available, Caden died in fall 2013.

But this young man has not been forgotten. Today, his friends, family and caregivers celebrated his life with a special car show for all the kids and families enduring hospital stays like Caden did. At Caden’s Car Show, more than 50 classic, fun and state-of-the-art cars gathered on a hospital parking deck and valet entrance area for an exclusive show for the patients at the hospital.

The show grew from an idea first suggested by one of Caden’s friends, automotive journalist Jean Jenning JeanKnowsCars.com. Jean met Caden when he was about 8 years old and recovering from cancer that developed after his first heart transplant.

The cars featured in the show ranged from a 1910 Stanley Model 61 steam-powered car to a 2015 Rolls-Royce Wraith. Other highlights were the “Mopar Muscle” Ram monster truck, Oscar Mayer Wienermobile, 1929 Ford hot rod, Volkswagen “Herbie” Beetle, 2015 Aston Martin Vanquish Volante, 1991 Ferrari Testarossa and a 2008 Lamborghini Reventón.

Patients who are able could visit the cars outside. Others could see the cars from their room windows or other gathering spots.

“We had 11 years with Caden because a family chose to donate their child’s heart,” says Shannon Bowles, Caden’s mother.

Make-a-Wish WAM Bicycle successful ride!

- Neal Blatt, MD

The U-M Pediatrics/C.S. Mott Children’s Hospital Cycling Team successfully participated in the annual Make-a-wish Wish-A-Mile charity bike ride. Collectively, the team rode their bicycles 2,700 miles and raised $16,000 to support the Michigan Make-a-wish Foundation and helps to pay for wishes that benefit Mott Hospital patients.

University of Michigan Pediatrics/Mott Hospital team is comprised of doctors, nurses, staff, students, parents of Mott patients, and members of the local cycling community.

This year’s ride started in Traverse City, Michigan, and finished at the Michigan International Speedway in Brooklyn, Michigan. At the conclusion of the ride, team members were able to meet a wish hero, Nella G, who in 2007 had her wish granted to be a princess at Walt Disney World.

Team members received a medal from Nella, and we were then able to take some photos together.
Cystic Fibrosis Foundation Success with Therapies Research Consortium Grant

The Pediatric Cystic Fibrosis (CF) Center was awarded the “Success with Therapies Research Consortium” grant from the CF Foundation. The Foundation created this consortium for the purpose of identifying and studying interventions to enhance successful self-management and related health outcomes among individuals with CF. This consortium is part of the new Patient Engagement Program that is partnering with key stakeholders in the CF community to discover novel ways to support people with CF and care center teams in efforts to overcome barriers and successfully manage daily therapies. This grant is a multidisciplinary collaboration between the Divisions of Child Behavioral Health and Pediatric Pulmonology.

25th Annual Research Symposium

The annual Pediatric Research Symposium was held October 6-7, 2014. This year’s plenary session featured keynote lectures from Mary C. Dinauer, MD, PhD from Washington University School of Medicine in St. Louis and Brendan Lee, MD, PhD from Baylor College of Medicine and the Howard Hughes Medical Institute.

One hundred and eighteen abstracts were submitted by University of Michigan Health System faculty, fellows, residents, students and staff performing research in pediatric medicine. All abstracts were presented in poster or oral format. The following were chosen to receive an award for their abstracts.

2014 Research Symposium Awardees

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<tr>
<th>Name</th>
<th>Award</th>
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<tr>
<td>Vanessa Cardenas, MD</td>
<td>Resident Research Award</td>
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<td>Lindsay Caverly, MD</td>
<td>Faculty Award for Basic Science Research</td>
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<tr>
<td>Elizabeth M. Chenoweth, MD</td>
<td>Resident Research Award</td>
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<tr>
<td>Yutein Chung, PhD</td>
<td>Fellow Award for Basic Science Research</td>
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<tr>
<td>Erin Gatza, PhD</td>
<td>Staff Award for Basic Science Research</td>
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<tr>
<td>Andrea Granados, MD</td>
<td>Fellow Award for Clinical Investigation Health Services Research</td>
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<td>Jimmy C. Lu, MD</td>
<td>Faculty Award for Clinical Investigation Health Services Research</td>
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<tr>
<td>Nidhi Maley, BA</td>
<td>Staff Award for Clinical Investigation Health Services Research</td>
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<td>Erica Odukoya, MPH</td>
<td>Graduate Student Research Award</td>
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<tr>
<td>Kanakadurga Singer, MD</td>
<td>Faculty Award for Basic Science Research</td>
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<td>Max D. Sokoloff</td>
<td>Undergraduate Student Research Award</td>
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<td>Kylie E. Steenbergh, BS</td>
<td>Medical Student Research Award</td>
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<tr>
<td>Jennifer N. Tran, DO</td>
<td>Fellow Award for Basic Science Research</td>
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- Jennifer Butcher, PhD and Samya Nasr, MD, CPI
Back in January, nearly 50 MCIRCC members attended the first annual MCIRCC Critical Care Grand Challenge Symposium targeting sepsis, an incredibly complex public health problem that represents more than one million cases annually, a mortality rate up to 40-percent, and the single largest hospital treatment cost in the United States.

The two-day educational symposium concluded with the release of a request for proposal to support high-impact sepsis projects up to $100,000 for milestone driven research guided by co-principal investigators from the U-M Medical School and College of Engineering. Funding for the MCIRCC Grand Challenge was provided by the Deans of the Medical School and College of Engineering as well as the Department of Emergency Medicine.

MCIRCC received a total of 14 proposals and following a rigorous evaluation process by an external panel of experts, shortlisted eight projects to work hand-in-hand with assigned mentors and other U-M support groups to prepare a detailed project plan and budget that addressed real-world challenges and practical uses for their solutions.

Based on the depth and breadth of the science and the apparent commercialization potential in these proposals, the evaluation committee recommended funding the following six projects at $50,000 each:

**Chiroplasmic Nanorod-PCR (NR-PCR) for Rapid Determination of Bacteremia and Antibiotic Resistance in Sepsis.**
J. Scott VanEpps, MD, PhD (U-M Medical School) & Nicholas A. Kotov, PhD (U-M College of Engineering)

**Development of a Sepsis Point-of-Care (POC) Platform Utilizing Redox Measurements with Integrated Protein Markers of Sepsis as a Bedside Biomarker for Sepsis, Severity of Septic Shock, and as a Gauge for Resuscitation Endpoints.**
Rodney C. Daniels, MD (U-M Medical School) & Shuichi Takayama, PhD (U-M College of Engineering)

**Real-Time Ultrasound Local Lung Ventilation Measurement.**
Jonathan M. Rubin, MD, PhD (U-M Medical School) & Cheri X. Deng, PhD (U-M College of Engineering)

**Sepsis Endotheliopathy Assessment Panel.**
Rodney C. Daniels, MD (U-M Medical School) & Xudong (Sherman) Fan, PhD (U-M College of Engineering)

**Immunotherapy and Immuno-phenotyping for Treatment of Sepsis.**
Jean Nemzek, DVM, MS (U-M Medical School) & Jianping Fu, PhD (U-M College of Engineering)

**Non-Invasive Portable System for Continuous Monitoring of Sepsis.**
Kayvan Najarian, PhD (U-M Medical School) & Kenn Oldham, PhD (U-M College of Engineering)

Moving forward, these six funded teams will work with MCIRCC’s Commercialization Coach to achieve their key milestones and ultimately the next phase in the product development roadmap.

To learn more about these solutions and the Grand Challenge, visit MCIRCC’s booth at Celebrate Invention on Tuesday, October 28 from 3:00 to 6:00 pm in the Michigan League Ballroom.
To focus the attention of the University community on the issues of the health disparities and health equity, we encourage you to attend the

8th Annual Susan B. Meister Lecture in Child Health Policy:

"Moment of Opportunity: Reducing Health Disparities and Advancing Health Equity"

Presenter:
J. Nadine Gracia, MD, MSCE
Deputy Assistant Secretary for Minority Health
US Department of Health and Human Services

Wednesday November 19, 2014; 4:30pm – 6:00 pm
Biomedical Science Research Building (BSRB) Kahn Auditorium

To Register: http://chear.org/meister-lecture
Dr. Dick receives the Lifetime Achievement Award

Dr. Macdonald Dick II was awarded the Lifetime Achievement Award from the Pediatric and Congenital Electrophysiology Society at the Heart Rhythm Society Annual Scientific Sessions earlier this year. The gathered group of several hundred included colleagues, former trainees and members of his family who recognized not only his contributions to the science and practice of heart rhythm care but also his legacy of trainees, now cardiologists and electrophysiologists throughout the nation. The award was presented to the typically humble Dr. Dick by former fellow Ian Law, MD and our own Brynn Dechert-Crooks, NP

CONGRATULATIONS TO...

Dr. Thomas Shanley for being recognized by the council of the Pediatric Research with the Thomas A. Hazinski Distinguished Service Award for his important contributions as the SPR Secretary-Treasurer.

Samya Nasr, MB, BCh for being asked to serve as the vice chair on the Protocol Review Committee which is part of the Therapeutic Development Network (TDN), CF Foundation. She will serve as the vice chair for 2 years.

Dr. Jennifer Stojan as the newly elected member to the Curriculum Policy Committee (CPC) as a Clinical Department representative. She will serve a 3 year term.

Dr. Elizabeth Lawlor for the invitation to participate as a member of the American Association for Cancer Research (AACR) Pediatric Cancer Group Steering Committee.

Dr. Carl Koschmann for receiving the St. Baldrick’s Fellow award for childhood cancer research. He is a pediatric neuro-oncology fellow working in the laboratory of Pedro Lowenstein and Maria Castro. The team is studying pediatric glioblastoma (GBM), a type of brain tumor.

Dr. Jeffrey Innis on his nomination for a mini-HOPE award from the Patient & Family-Centered (PFCC) Evan Newport HOPE Award Committee because he has exemplified many of the PFCC principles.

Dr. Steven Pipe for receiving the Leadership in Research Award at National Hemophilia Foundation’s 2015 Spring Soiree. The NHF is honored to present this award in recognition for all Dr. Pipe has done and will continue to do on behalf of the bleeding disorders.

Dr. David Sandberg for his election to the American Pediatric Society.

Dr. Julie Lumeng for her appointment to the editorial board of Pediatrics, the Journal of the American Academy of Pediatrics.

Dr. Chad LaRue on being nominated for the second annualPresident’s Staff Innovation Award. The written description of his contributions, and those of the 45 other nominees, were inspirational to read.
Dr. Fealy Receives General Pediatrics Faculty Education Award

Dr. Jessica Fealy received nominations from multiple students and residents.

Some of the comments include: “She creates an environment of excellence at her site. She empowered her med students to be critical thinkers and challenged their differential diagnosis, while at the same time took time to recognize how important patient rapport was in building a therapeutic alliance. She made pediatrics clinic the highlight of the rotation; an opportunity each week to make a difference in each patient’s life, not just with their presenting symptoms. She always finds a valuable teaching point for every patient case. She should serve as a model for other preceptors. She is dedicated to education of residents and maintains an excellent example of a bedside manner with patients and families, who adore her. She is able to navigate challenging family dynamics in a respectful, peaceful way and stands firm for what she believes is best for the patient, even if not the most convenient. She is up to date with extensive knowledge on various pediatric topics and is an excellent teacher. She leads weekly topics well and also encourages residents to self-learning, not by asking directly or by intimidating, but because she is a motivating source. Her demeanor is non-threatening, easily approachable and available.”

2014 General Pediatrics Clinical Excellence Awards

Dr. Jeanne Seyfried for assuming the unofficial general pediatric lead role at Livonia - always first to pitch in when needed - excellent med student teacher and role model, and unsung administrator at the site. Served on PCAC including several years as chair.

Dr. Sharon Swindell—First and foremost, Dr. Swindell is an excellent pediatrician. She is a leader in community advocacy. Dr. Swindell is recognized as a role model as a resident preceptor and mentor to pediatric residents. Dr. Swindell is currently co-organizing the “Advocacy Day” at the Pediatric Legislative Advocacy conference in East Lansing on May 1 every year, where participating residents are trained to effectively advocate for children’s health issues to state legislators by providing training workshops at UM and DMC in advance of the conference.

Dr. Layla Mohammed—Dr. Mohammed has a strong and steady following of patients. She is a very “hands on” provider, involved in every aspect of her patients’ care. She spends hours on the phone with medical consultants, service agencies, and families to optimize care. Dr. Mohammed also serves as a Board Member-At-Large for the Michigan Chapter of the American Academy of Pediatrics (MIAAP).

Dr. Stephanie Goodson—Dr. Goodson delivers evidence-based, high-quality care to her patients and is well liked and respected by all her colleagues here. She is on the Newborn Care Committee at Mott to serve as a liaison between the outpatient pediatricians and the Newborn service. She is the lead person for our Reach Out and Read program. Dr. Goodson also travels around the state educating primary care physicians about developmental and behavioral screening.

Dr. Sara Sandvig—Please see the comments from her patients—“I witnessed firsthand the time she spent with her patients and the care she provided. I also witnessed how much time she spends outside of the appointments on researching and finding resources for her patients who have psychiatric/mental health needs. She is also very kind to her colleagues. She is always eager to share resources and knowledge and has always made me feel “at home” at her clinic.”

Congratulations!
Wellness Grant Awarded Inspiring Trip to Farmer’s Market

- Michelle Barnett

General Pediatrics was awarded a wellness grant from UMHS.

They chose to use the money to buy $5 tokens for the Ann Arbor Farmer’s Market to promote healthy eating, walking and supporting local economy.

The photo shows the group on their first walk to the market.