



Department of Pediatrics
PEDIATRIC FELLOWSHIP NEWSLETTER

Summer 2013

Pediatrics.URMC.edu/fellowships

Working Together to Make a Difference

Pediatric Critical Care Fellow, Karen Sethi, M.D., (left) and Program Director, Emily Nazarian, M.D. traveled to San Pedro Sula, Honduras for a week-long mission to treat an underserved pediatric population supported by [CURE Honduras](#). The medical team was assembled by URMIC pediatric orthopedic surgeon, James Sanders, M.D., and consisted of nine health care professionals who bunked at the hospital for the entire week. After screening children with significant scoliosis and spinal deformities, five with the most surgically appropriate deformities were selected to have surgery. In just one week's time, the lives of five children and their families were transformed. Just another example of how the Golisano Children's Hospital touches the lives of children internationally.



"The medical mission trip to Honduras was an opportunity to give back. I had the honor of working with an amazing group of people to provide a service that the people of Honduras could not receive otherwise. Because I was given the chance by my fellowship director to serve, I also had the ability to augment my clinical skills in a setting that was outside my comfort zone." ~ Dr. Karen Sethi

Did You Know?

We're on Facebook!

"Like" [Pediatric Fellowship Programs at University of Rochester Medical Center](#) to stay in the loop with event notices, research information, alumni spotlights and information about Rochester.



BlackBoard

The following Academic Core Curriculum sessions will be completed on Blackboard this year: Sleep and Fatigue, QA/QI: PSDA, and Quality Improvement Projects. Be on the lookout for more information in your email.



Welcome to Our Newest Fellows



Critical Care
Jennifer DeMichele, M.D.



Gastroenterology/Nutrition
Mariana Middelhof, M.D.



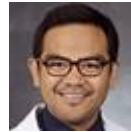
General Pediatrics
Sean Frey, M.D.



Hematology/Oncology
Sana Usmani, D.O.



Infectious Diseases
Katherine Ebsworth-Mojica, M.D.



Neonatal-Perinatal Medicine
Jayson Lingan, M.D.



Neonatal-Perinatal Medicine
Christina Sollinger, M.D.



Neonatal-Perinatal Medicine
Sarah Volz, D.O.

Alumni Spotlight: Judy Aschner, M.D.

Fellowship Training Dates: 1985-1988

A graduate of our Neonatal-Perinatal Fellowship Program, Dr. Judy Aschner has had a distinguished career, culminating in her recent appointment as Physician-in-Chief and Chair of Pediatrics, The Children's Hospital at Montefiore, and Professor and Michael I. Cohen, M.D., University Chair of Pediatrics, and Professor of Obstetrics & Gynecology and Women's Health, Albert Einstein College of Medicine of Yeshiva University.



In addition to holding a number of national leadership positions, Dr. Aschner is an internationally-known physician-scientist whose research focus is neonatal pulmonary circulation and the factors that contribute to pulmonary hypertension in infants with lung and heart disease. Her laboratory and translational research efforts have impacted the health of children in this country and abroad, and resulted in many journal publications and invited lectureships.

Dr. Aschner completed her M.D., pediatric residency, and fellowship training at the University of Rochester. She completed additional pulmonary research training as a Parker B. Francis Fellow during her first three years as an Assistant Professor at Albany Medical College. In 1994, she joined Wake Forest University Health Sciences in Winston-Salem, NC, as an Associate Professor and served as Program Director of the Neonatal/Perinatal Medicine Fellowship for most of her tenure there. Dr. Aschner was promoted to Professor before joining Vanderbilt University in Nashville, TN in 2004. She served as Director of Neonatology at Monroe Carell Jr. Children's Hospital at Vanderbilt, before making the move to New York earlier this year. [Learn more](#) about Dr. Aschner's new roles.

Congratulations to Our Graduating Fellows

ADOLESCENT MEDICINE

LeKeyah Wilson, M.D.

LeKeyah Wilson, M.D., will be joining the faculty of Rochester General Hospital (RGH) as Director of Adolescent Services upon graduation in September. She will provide comprehensive care and counseling to adolescents in several areas including primary care and reproductive health, both at RGH and at various school-based health centers.

Publications

- **Quinn L**, Block R, McIntosh S. [Impact of a community health improvement clerkship project](#). *Medical Education*. 12/2007; 41 (11); 1102-3.

National Presentations

- **Wilson L**, Scharf M, Shone L, Aligne A, McIntosh S, Allen R. He is not a bad boy, but his friends... Parents' perspectives on violence after penetrating trauma to their children. Society for Adolescent Health and Medicine Annual Conference. Atlanta, GA. 3/13-3/16/13.
- Hughes I, Sukera J, **Wilson L**, Mink J, Scharf M, Kreipe R. Advancing knowledge and unifying care in pediatric conversion disorder: an interdisciplinary fellow and resident project. Child Neurology Society Annual Meeting. Huntington Beach, CA. 10/31- 11/3/12.
- Whitney S, Harris O, Gibbs D, **Wilson L**. Project SAV (Screening for Adolescent Violence).
 - Making Lifelong Connections Conference. Orlando, FL. 4/2011.
 - Association of Maternal & Child Health Programs (AMCHP) Annual Conference. Washington, DC. 2/2011.

CRITICAL CARE

Daniel Rogers, M.D., M.H.A., M.S.

Daniel Rogers, M.D., M.H.A., M.S., joins the Eastern Maine Medical Center (EMMC) located in Bangor, ME as a pediatric intensivist. EMMC is the second largest hospital in the state and serves communities throughout central, eastern, and northern Maine.

Master's Thesis

- *Evaluating the education of physicians to be clinician-educators*
This project serves as the thesis for Dr. Rogers' Master of Science in Health Professions Education degree at the Warner Graduate School of Education and Human Development as well as a scholarly work product, a prerequisite for subspecialty certification.

Curriculum Development

- Dr. Rogers successfully implemented a simulation-based curriculum for honing the skills of providers in the Pediatric Intensive Care Unit (PICU).

DEVELOPMENTAL-BEHAVIORAL PEDIATRICS

Jara Johnson, D.O.

Jara Johnson, D.O., joins the faculty of Rochester General Hospital (RGH) as a developmental-behavioral pediatrician. She will part of the team that treats children and adolescents with behavioral disorders, learning disabilities, and emotional disorders.

Publication

- Hyman SL, Johnson JK. [Autism and pediatric practice: toward a medical home](#). *J Autism Dev Disord*. 2012 Jun;42(6):1156-64.

GASTROENTEROLOGY/NUTRITION

Prita Mohanty, M.D.

Prita Mohanty, M.D., joins the Division of Pediatric Gastroenterology/Nutrition at URMC as an Assistant Professor. She plans to take an active role in mentoring our fellows and start a hepatology clinic, a result of her interest in this area.

Publications

- Mohanty P**, Roesser J, Smith T, Brown M, Hyman S. Prevalence of anti-tissue transglutaminase antibodies in children with autism spectrum disorders. Abstract book of World Congress of Pediatric Gastroenterology, Hepatology and Nutrition (WCPGHAN) 2012. Taipei, Taiwan. PP10011 (#10023).
- Mohanty P**, Beg M. Alpha 1- Antitrypsin deficiency in a child with Tyrosinemia type 1. Abstract book of WCPGHAN 2012. Taipei, Taiwan. PP01013 (#01063)
- Mohanty PH**, Sood V, Saubermann LJ. [A 16-year-old girl with perianal skin tags](#). *Pediatr Ann*. 2012 Jun 1;41(6):10-2.
- Mohanty P**, Karjoo M, Beg, M. [Unique cause of generalized edema in an adolescent girl](#). *Pediatr Ann*. 2012 Jun 1;41(6):4-6.
- Mohanty PH**, Gabel M. [Agitation and decreased oral intake in an adolescent with autism](#). *Pediatr Ann*. 2012 Jun 1;41(6):1-3.
- Sood V, **Mohanty P**, Brown M. [A nine-year-old girl with liver enlargement](#). *Pediatr Ann*. 2012 Jun 1;41(6):7-10.

National Presentations

- Lai J, **Mohanty P**, Kerkar N. Portal biliopathy: an unusual presentation in a young child. American Association for the Study of Liver Diseases (AASLD). Boston, MA. 11/9-13/12.
- Mohanty P**. Prevalence of anti-tissue transglutaminase and anti-endomysial antibodies in children with autism spectrum disorder. North American Society for Pediatric Gastroenterology, Hepatology and Nutrition (NASPGHAN). Salt Lake City, UT. 10/18-20/12.
- Mohanty P**, Shields TM, Sood V. Unusual cause of liver disease in a child with a usual phenotype of ataxia telangiectasia. NASPGHAN. Salt Lake City, UT. 10/18-20/12.
- Shields TM, **Mohanty P**, Gabel M, Brown M. Septic arthritis in a pediatric patient likely caused by infliximab. NASPGHAN. Salt Lake City, UT. 10/18-20/12.
- Mohanty PH**, Gabel M, Brown M. Alagille syndrome with a novel mutation in JAG1 and triangular cord sign. NASPGHAN. Orlando, FL. 10/20-23/11.
- Mohanty PH**, Gabel M, Rossi, T, Brown M. Primary small bowel bezoar and blunt foreign bodies causing small intestinal obstruction and closed perforations in an autistic adolescent. NASPGHAN. Orlando, FL. 10/20-23/11.
- Mohanty PH**, Beg M, Karjoo M. CMV associated Menetrier's disease of childhood. NASPGHAN. Orlando, FL. 10/20-23/11.
- Mohanty P**, Beg M. Alpha 1- Antitrypsin deficiency in a child with Tyrosinemia type 1, NASPGHAN. New Orleans, LA. 10/21-24/10.
- Mohanty P**, Beg M. Nasal septal perforation: unusual manifestation of ulcerative colitis. NASPGHAN. New Orleans, LA. 10/21-24/10.

GENERAL PEDIATRICS

Melissa Cellini, M.D.

Melissa Cellini, M.D., has joined the Bronx-Lebanon Hospital Center as a pediatric attending physician. Bronx-Lebanon is a non-profit healthcare system serving the South and Central Bronx in New York City, and is the primary teaching hospital for Albert Einstein College of Medicine.

Publications

- Baldwin CD, Shone LP, Harris JP, Craig MS, **Cellini MM**, Varade WS. [Development of a novel curriculum to enhance the autonomy and motivation of residents](#). *Pediatrics*. 2011 Oct;128(4):633-6.
- Baldwin CD, Craig MS, Garfunkel LC, Harris JP, Shone LP, Biondi E, **Cellini MM**, Varade WS. [Autonomy-supportive medical education: Let the force be within you!](#) *Acad Med*. 2012 Nov;87(11):1468-9.

National Presentations

- **Cellini MM**, Serwint JR, Chaudron LH, Baldwin CD, Blumkin AK, Szilagyi PG. Availability of emotional and mental health support for pediatric residents. Pediatric Academic Societies' Annual Meeting. Washington, DC. 5/4-7/13.
- Serwint JR, **Cellini MM**, Spector ND, Gusic ME. The value and benefits of speed mentoring. Pediatric Academic Societies' Annual Meeting. Washington, DC. 5/4-7/13.
- **Cellini MM**, Baldwin CD, Craig MS, Hillard MH, Varade WS. Exploring strategies to stimulate the intrinsic motivation of learners.
 - Pediatric Academic Societies' Annual Meeting. Washington DC. 5/4-7/13.
 - Association of Pediatric Program Directors/Council on Medical Student Education in Pediatrics Annual Spring Meeting. Nashville, TN. 4/9-13/13.
- **Cellini MM**, Serwint JR, Chaudron LH, Baldwin CD, Blumkin AK, Szilagyi PG. Assessing access to emotional/mental health care in pediatric residents. Association of Pediatric Program Directors/Council on Medical Student Education in Pediatrics Annual Spring Meeting. Nashville, TN. 4/9-13/13.
- Shone LP, Baldwin CD, Craig MS, Garfunkel LC, Harris JP, Biondi EA, **Cellini MM**, Varade WS. Autonomy-supportive medical education: Let the force be within you! Association of American Medical Colleges Annual Meeting. San Francisco, CA. 11/5/12.
- Varade WS, Biondi EA, Baldwin CD, Harris JP, Craig MS, Garfunkel LC, Shone LP, **Cellini MM**. Dissonance between resident and faculty expectations of pediatric residents' autonomy. Irish and American Pediatric Society Annual Meeting. Belfast, UK. 9/26-30/12.
- Biondi EA, Harris JP, Baldwin CD, Craig MS, Garfunkel LC, Shone LP, **Cellini MM**, Varade WS. Identifying gaps between faculty and resident expectations of resident autonomy. Association of Pediatric Program Directors Annual Spring Meeting. San Antonio, TX. 3/30/12.
- Baldwin CD, Harris JP, Shone LP, **Cellini MM**, Craig MS, Varade WS. Longitudinal curriculum to enhance the autonomy of residents in self-evaluation and self-improvement. 2nd Biennial Pediatric Educational Excellence Across the Continuum Meeting. Arlington, VA. 9/9/11.

GENERAL PEDIATRICS

Mark Craig, M.D.

Mark Craig, M.D., has joined Madigan Healthcare System in Tacoma, WA as an Assistant Professor where he will also serve as the Associate Program Director for the Pediatric Residency Program. Madigan offers internship, residency and fellowship training to officers in the armed forces.

Publications

- Baldwin CD, **Craig MS**, Garfunkel LC, Shone LP, Harris JP, Biondi E, Cellini MM, Varade WS. [Autonomy-supportive education: let the force be within you!](#) *Acad Med*. 2012 Nov;87(11):1468-9.

- Baldwin CD, Shone L, Harris JP, **Craig MS**, Cellini MM, Varade W. [Development of a novel curriculum to enhance the autonomy and motivation of residents](#). *Pediatrics*. 2011 Oct;128(4):633-6.
- Mann KJ, **Craig MS**, Moses JM. A national survey of quality improvement (QI) educational practices in pediatric residency programs (PRPs). *Acad. Pediatr*. Accepted.

National Presentations

- Cellini MM, Baldwin CD, **Craig MS**, Hillard M, Garfunkel LC, Lynn J, Varade WS. Exploring strategies to stimulate the intrinsic motivation of learners. Pediatric Academic Societies Annual Meeting. Washington, DC. 5/4/13.
- **Craig MS**. Beliefs, public health measures, and treatments during the London Plague of 1665. Pediatric Academic Societies Annual Meeting. Washington, DC. 5/4/13.
- Cellini MM, **Craig MS**, Garfunkel LC, Christy C, Varade WS. Exploring strategies to stimulate the intrinsic motivation of learners. Association of Pediatric Program Directors (APPD) Spring Meeting. Nashville, TN. 4 10-13/2013.
- Shone LP, Baldwin CD, **Craig MS**, Garfunkel LC, Harris JP, Biondi E, Cellini MM, Varade WS. Autonomy-supportive medical education: let the force be within you! AAMC Annual Meeting. San Francisco, CA. 11/5/12.
- Varade WS, Biondi EA, Baldwin CD, Harris JP, **Craig MS**, Garfunkel LC, Shone LP, Cellini MM. Dissonance between resident and faculty expectations of pediatric residents' autonomy. Irish and American Pediatric Society Meeting. Dublin, Ireland. 9/28/12.
- **Craig MS**, Mann KJ, Moses J. A survey of quality improvement (QI) educational practices in pediatric residency programs (PRPs): what is being taught? Pediatric Academic Societies Annual Meeting. Boston, MA. 5/1/12.
- Mann KJ, **Craig MS**, Moses J. A survey of quality improvement educational practices in pediatric residency programs: teaching and evaluation methods. Pediatric Academic Societies Annual Meeting. Boston, MA. 4/30/12.
- Moses J, **Craig MS**, Mann KJ. A survey of quality improvement educational practices in pediatric residency programs: program director's perspectives. Pediatric Academic Societies Annual Meeting. Boston, MA. 4/30/12.
- Biondi E, Baldwin C, Harris P, Garfunkel LC, Shone L, **Craig M**, Cellini M, Varade W. Differences in perception of autonomy in a new era of resident education. Pediatric Academic Societies Annual Meeting. Boston, MA. 4/28/12.
- Biondi EA, Harris JP, Baldwin CD, **Craig MS**, Garfunkel LC, Shone LP, Cellini M, Varade WS. Identifying gaps between faculty and resident expectations of resident autonomy. Association of Pediatric Program Directors (APPD) Spring Meeting. San Antonio, TX. 3/30/12.
- Baldwin CD, Shone LP, Harris JP, **Craig MS**, Cellini M, Varade W. A longitudinal curriculum to enhance the autonomy of residents in self-evaluation and self-improvement. 2nd Biennial Pediatric Educational Excellence across the Continuum Conference. Arlington, VA. 9/9/11.

HEMATOLOGY/ONCOLOGY

Razia Akhtar, M.D.

Razia Akhtar, M.D., joins the URMC faculty of the Division of Pediatric Hematology/Oncology as an Assistant Professor, where she will work side by side with her mentors to treat patients and educate current and future fellows.

Publication

- Huang JL, Spaniolas K, Ruan DT, **Akhtar R**, Andolina JR, Moalem J. Spontaneous adrenal hemorrhage as the initial presentation of isolated Factor VII Deficiency. Submitted.

National Presentations

- **Akhtar R**, Halterman J, Fagnano M, Ren C, Mullen CA. Can routine pulse oximetry measurements be a useful tool in determining the risk for vaso-occlusive crises in pediatric patients with sickle cell anemia? American Society of Pediatric Hematology Oncology (ASPHO). Miami, FL. 4/24-27/13.
- Andolina JR, **Akhtar R**, Casey D, Bruckner L, Korones D, Mullen C, Mosse Y, Modak S. Extended family pedigree for ALK+ hereditary neuroblastoma: how should unaffected carriers be screened? American Society of Pediatric Hematology Oncology (ASPHO). Miami, FL. 4/24-27/13.

NEONATAL-PERINATAL MEDICINE

Susana Arriagada, M.C.

Susana Arriagada, M.C., will be graduating in October and has accepted a Clinical Assistant Professor position at Kentucky Children's Hospital (KCH) in the Department of Pediatrics, Division of Neonatology. KCH serves as the subspecialty regional referral and pediatric care center for Central and Eastern Kentucky.

National Presentations

- **Arriagada SA**, Chess PR, Stevens TP. Impact of a QI program on pulmonary outcomes in preterm infants. Pediatric Academic Society annual meeting. Denver, CO. 4/30-5/5/11. Abstract 750179.
- **Arriagada SA**, Chess PR, Stevens, TP. Implementation of a QI program using a bundle of evidence-based respiratory practices. Pediatric Academic Society annual meeting. Denver, CO. 4/30-5/5/11. Abstract 754315.
- **Arriagada SA**. Implementing a quality improvement program to improve pulmonary outcomes in the NICU. 33rd Mid Atlantic Conference. Hershey, PA. 9/19-21/2010.

NEONATAL-PERINATAL MEDICINE

Majd Dardas, M.D.

Majd Dardas, M.D., has joined Franciscan St Elizabeth Health in Lafayette, IN, as an attending neonatologist. He will bring his experience to their Level III NICU, providing comprehensive care for extremely high-risk newborn infants.

Publication

- **Dardas M**, Abboud M, Salti I, Sabri A, Shoucair M, Saleh M, Azar S, Rodriguez-Galindo C, Muwakkit S. [Thyroid cancer in Lebanese children and adolescents: a 15-year experience at a single institution](#). *Pediatr Hematol Oncol*. 2009 Sep;26(6):439-47.

National Presentations

- **Dardas M**, Gill S, Pryhuber G, Lee YH, Gill A, Guillet R. Impact of postnatal antibiotics on diversity of the preterm intestinal microbiota.
 - Eastern Society for Pediatric Research. Philadelphia, PA. 3/2013.
 - Pediatric Academic Society Conference. Washington, DC. 2013.
- **Dardas M**, Gill S, Pryhuber G, Nally L, Lee YH, Guillet R. The impact of postnatal antibiotics and breast milk on diversity of the intestinal microbiota of preterm infants. American Academy of Pediatrics 80th Perinatal & Developmental Medicine Symposium. Aspen, CO. 6/2012.

NEONATAL-PERINATAL MEDICINE

Echezona Maduekwe, M.B.B.S.

Echezona Maduekwe, M.B.B.S., has joined the faculty of the State University of New York (SUNY) at Stony Brook as an Assistant Professor. Located on Long Island, SUNY Stony Brook is a public research university consistently ranked as a top public university in New York.

Publications

- Buczynski BW, **Maduekwe ET**, O'Reilly MA. [The role of hyperoxia in the pathogenesis of experimental BPD](#). *Semin Perinatol*. 2013 Apr;37(2):69-78.
- **Maduekwe E**, Weinberg B, Samaan B, Sheferaw E, Suntharos P. [Right thoracic ectopic kidney in a child with breathing difficulties--sonographic diagnosis](#). *J Clin Ultrasound*. 2011 Feb;39(2):108-10.

National Presentations

- **Maduekwe ET**, Buczynski BW, Yee M, Stevens TP, Lawrence BP, O'Reilly MA. Modeling cumulative neonatal oxygen exposure that alters the host response of adult mice infected with influenza A virus.
- American Thoracic Society International Conference. Philadelphia, PA. 5/2013.
- Pediatric Academic Society Conference. Washington, DC. 5/2013.
- **Maduekwe ET**, Buczynski BW, Porter GA, O'Reilly MA. Modeling cumulative oxygen exposure in neonatal mice. District VIII Perinatal Section American Academy of Pediatrics. Las Vegas, NV. 5/2012.
- **Maduekwe ET**, Buczynski BW, O'Reilly MA. Testing the oxygen area under the curve model newborn mice exposed to hyperoxia. E-PAS2012:53. Eastern Society for Pediatric Research. Philadelphia, PA. 3/2012.

NEPHROLOGY

Dana Work, D.O.

Dana Work, D.O., is pursuing subspecialty training in pediatric critical care medicine at the University of Pittsburgh Medical Center in Pittsburgh, PA. Combined with her training in pediatric nephrology, she will be well-equipped as an acute care nephrologist.

Publications

- **Fuhrman DY**, Maier PS, Schwartz GJ. [Rapid assessment of renal reserve in young adults by cystatin C](#). *Scand J Clin Lab Invest*. 2013 Mar 5. [Epub ahead of print]
- Schwartz GJ, **Work DF**. [Measurement and estimation of GFR in children and adolescents](#). *Clin J Am Soc Nephrol*. 2009; 4(11):1832-43.
- **Work DF**, Schwartz GJ. [Estimating and measuring glomerular filtration rate in children](#). *Curr Opin Nephrol Hypertens*. 2008; 17: 320-5.

National Presentations

- **Work DF**, Schwartz GJ. Assessment of renal reserve in young adults by iohexol plasma clearance. American Society of Nephrology National Meeting. San Diego, CA. 11/1-4/12.
- **Work DF**. Should children with chronic kidney disease receive routine evaluation for primary hypothyroidism? 14th International Conference on Dialysis. Tampa, FL. 1/24-27/12.