**CURRICULUM VITAE**

Meghan Parrott Howell, MD, FAAP

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WORK EXPERIENCE

Tulane Department of Pediatrics & Children’s Hospital New Orleans

Clinical Director, NICU Graduate Clinic, August 2017-present

Tulane Department of Pediatrics, Section of General Academic Pediatrics

Assistant Professor, January 2016- present

Tulane Department of Pediatrics, Section of Hematology/Oncology

Clinical Consultant, April 2016- December 2017

Tulane Department of Pediatrics, Section of Community Pediatrics and Global Health

Clinical Instructor, July 2015-June 2016

POST-GRADUATE TRAINING

Tulane-Ochsner Pediatric Residency Program

Chief Resident, July 2014-June 2015

Tulane-Ochsner Pediatric Residency Program

Categorical Pediatric Resident July 2011-June 2014

EDUCATION

Tulane University School of Medicine, New Orleans, LA

Doctor of Medicine (M.D.), 2011

Tulane University Graduate School of Medicine, New Orleans, LA

Master of Science (M.S.) in Pharmacology, 2006

Thesis topic: Inhibition of COX-2 in treating atherosclerotic vascular injury.

University of Tennessee, Knoxville, TN

Bachelor of Science (B.S.) in Biochemistry, Cellular and Molecular Biology, 2005

Minor in Chemistry

BOARD CERTIFICATION AND LICENSURE

Fellow of the American Board of Pediatrics, Board Certified 10/2014

Pediatric Advanced Life Support Provider, Issued 5/2017, Expires 5/2021

PROFESSIONAL SOCIETIES

Fellow, American Academy of Pediatrics, 2015 – present

American Academy of Pediatrics, national member, 2018-present

Lousiana Chapter of the American Academy of Pediatrics, member, 2019-present

Louisiana Chapter of the American Academy of Pediatrics, Resident Representative, 2012-2014.

RESEARCH/QUALITY IMPROVEMENT EXPERIENCE

Tulane University School of Medicine, Department of Pediatrics, Section of General Pediatrics, Tulane University Health Sciences Center, New Orleans, LA

Primary Investigator - Effect of Music Therapy on Newborns

Research focus - effect of music therapy on behavior patterns and biological parameters in neonates, including premature neonates and neonates with or at risk of developing neonatal abstinence syndrome.

*Study underway*

Tulane University School of Medicine, Departments of Child Psychiatry and Pediatrics, Tulane University Health Sciences Center, New Orleans, LA

Clinical Consultant - Improving Pediatric ADHD Care for Young Children Through Clinical Education and Clinical and Systems Consultations

Primary Investigator – Mary Margaret Gleason, MD

Funding Source – American Academy of Pediatrics

QI Focus - This project will increase adherence to the recommendations for assessment and treatment of young children (4‐11) in the 2011 American Academy of Pediatrics (AAP) Clinical Guidelines for ADHD.

*Study Underway*

Tulane University School of Medicine, Department of Pediatrics, Section of General Pediatrics, Tulane University Health Sciences Center, New Orleans, LA

Clinical Consultant - American Academy of Pediatrics Project DIG IT (Diagnosis of Individual Disabilities and Global Developmental Delay)

Primary Investigator – Mary Margaret Gleason, MD

QI Focus - Quality improvement initiative lead by the AAP evaluating screening and evaluations of individuals with concern for developmental delays in the primary care setting.

January 2017 – October 2017

Tulane University School of Medicine, Department of Surgery, Division of Trauma and Critical Care, Tulane University Health Sciences Center, New Orleans, LA

Medical Student Researcher, Primary Investigator: Juan C. Duchesne, M.D., Director of Surgical ICU

2007-2008

Research focus – Resuscitation management in poly-trauma and critical care patients.

Tulane University Graduate School of Medicine, Tulane University Health Sciences Center, New Orleans, LA

Graduate Student Researcher, Mentor: Philip J. Kadowitz, Ph.D., 2006

Research focus – Literature-based research thesis on the theoretical use of COX-2 inhibitors in treating atherosclerotic vascular injury

University of Tennessee Graduate School of Medicine, Department of Surgery, UT Medical Center, Knoxville, TN

Volunteer Research Assistant, Primary Investigator: Michael D. Karlstad, Ph.D., 2004 – 2005

Research focus – The effects of dietary omega-3 fatty acids on neutrophil apoptosis and effects on pulmonary inflammation

University of Tennessee Graduate School of Medicine, UT Medical Center, Knoxville, TN

Undergraduate Student Research Assistant, Primary Investigator: James P. Chen, Ph.D., 2003 – 2004

Research focus – Effects of hormone replacement therapy or traumatic injury on human coagulation and fibrinolytic blood factors.

PUBLICATIONS/ABSTRACTS

Howell MP, A Smith, EB Lindsay, SS Drury. Understanding barriers to timely identification of infants at risk of neonatal opiate withdrawal syndrome. *J Matern Fetal Neonatal Med.* 2019 June 14:1-6.

Ad hoc reviewer. *Journal of Maternal-Fetal and Neonatal Medicine*, 2019.

Duchesne JC, Howell MP et al. Linea Alba Fasciotomy: Novel Alternative in Trauma Patients with Secondary Abdominal Compartment Syndrome. *Am Surg*. 2010 Mar;76 (3):312-6.

LEADERSHIP AND ACADEMICS

Tulane University School of Medicine

Physician Scientist Pipeline Program, October 2018 – Present

Accepted into institutional mentored research program, targeted at strengthening early career clinician scientists.

Tulane University School of Medicine, Department of Pediatrics

Clinical Director, Tulane NICU Graduate Clinic, August 2017- Present

Opened and now direct the outpatient follow-up clinic for high risk neonates, including long-term developmental follow-up, care coordination and implementation of clinical & translational research.

Tulane University School of Medicine, Department of Pediatrics

Director, Outpatient Pediatrics Elective, 2016 - present

Outpatient senior medical student elective to provide an introduction to pediatric primary care

Tulane University School of Medicine, Tulane Learning Communities

Faculty Mentor, July 2016- present

Provide mentorship to incoming medical students during their transition into medical school and throughout their time in undergraduate medical education

Tulane University School of Public Health, Department of Psychiatry

Clinical Consultant, Tulane Building Early Relationships Support & Services (TBEARS), April 2017 - 2018

Participate in a multi-disciplinary monthly conference where we discuss psychosocial considerations of families with children under age 2.

Tulane University School of Medicine, Department of Pediatrics

Pediatric Clerkship Preceptor, January 2016 - 2018

Group leader for a small group of third year medical students rotating on their core pediatrics clerkships. Goals are for group discussion and group-based learning to supplement their clinical experience.

Tulane School of Medicine Admissions Committee, 2014 – 2016

Committee assembled to screen medical school applications for admission, serve as a faculty interviewer medical student candidates, assisted the administration (Dean’s Office) of the School of Medicine to select applicants for admission to medical school.

Chief Resident, Tulane-Ochsner Pediatric Residency Program 7/2014 – 6/2015

ADVOCACY

Gretchen Carlson Advocacy Fellow, March of Dimes, 2018

Accepted to a national, one-year training program through the March of Dimes to train young women in critical aspects of successful legislative advocacy regarding issues that affect women, children and families.

Tulane-Ochsner Pediatric Residency Program Resident Representative, Louisiana Chapter of the American Academy of Pediatrics, July 2012-June 2014

Served as a resident representative to the state AAP chapter, promoting advocacy training for pediatric residents across the state. Helped organize an annual Resident Advocacy Day where residents from all Louisiana residency programs could learn the legislative process and basic advocacy skills from state leaders.

Organizer - Tulane Advocacy Day, October 19, 2013.

Worked in conjunction with the Louisiana Chapter of the AAP to arrange a half-day interactive session providing pediatric residents & faculty with an introduction to legislative advocacy and the physician’s role in the legislative process

Tulane Resident & Fellow Congress, PGY-1 Delegate, 2011-2012

Multidisciplinary collaboration of residents formed to address resident-centric topics and advocate on behalf of residents within all specialties of the Tulane University School of Medicine.

REACH (Residents Engaged in Advocating for Child Health), Co-Founder and Co-Chair, 2011-2014.

Resident-organized advocacy interest group established to supplement the education of residents on the subject of child advocacy in all aspects, from community-focused to legislative advocacy. Activities largely include extra-curricular guest speakers on child health topics ranging from childcare and education to pertinent child health risks within the communities we serve.

PRESENTATIONS

Howell MP, Smith A and Drury S. “Identifying Barriers to Diagnosis of Infants with Neonatal Abstinence Syndrome: A Case Report and Review of Literature.”

Southern Regional Meeting of Southern Society for Pediatric Research, New Orleans, LA. Oral Presentation. February 2018.

Grand Rounds, Department of Pediatrics, Tulane University School of Medicine. “NOWS The Time: Recognizing Gaps in Identifying Infants at Risk of Neonatal Opiate Withdrawal Syndrome.” December 21, 2017.

Huntwork M, Howell MP, et al. “Foamy Urine and Sickled Cells”. Southern Regional Meeting of Southern Society for Pediatric Research, New Orleans, LA. Poster Presentation. February 2014.

Grand Rounds. Department of Pediatrics, Ochsner Medical Center. “History of Childhood Vaccination and the Anti-immunization ‘Counter Culture’”. January 30, 2014.

Morbity and Mortality Conference. Department of Pediatrics, Tulane University School of Medicine. September 26, 2013.

Tulane Pediatrics Medical Student Lecture Series. Department of Pediatrics, Tulane University School of Medicine. August 2012.

Series of educational presentations provided to third year medical students participating in their pediatric clerkship rotation.

Howell MP et al. “First Reported Pulmonary Infection with *Mycobacterium avium intracellulare* (MAI) in a Child with Primary Ciliary Dyskinesia (PCD)”. Southern Regional Meeting of Southern Society for Pediatric Research, New Orleans, LA. Oral Presentation. February 2012.

VOLUNTEER ACTIVITIES

Trinity Episcopal Medical Mission to Jinotega, Nicaragua, 2012

Multi-disciplinary medical mission to communities surrounding city of Jinotega, Nicaragua, providing basic medical care to local residents.

Ozanam Inn TB Clinic, New Orleans, LA 2008-2009

Provided TB testing to new residents of the Ozanam Inn Homeless Shelter

Fleur de Vie Clinic, Patient Education and Mental Health Screenings, New Orleans, LA, 2007-2009

Provided mental health screenings as well as providing education on various health topics to patients of this free, medical student run health center

Knoxville Surgical Medical Mission, Obras Sociales del Santo Hermano Pedro, Antigua, Guatemala, 2007-2008

Multidisciplinary medical mission to Antigua, Guatemala providing surgical services to residents of the city and its surrounding communities

HONORS

Tulane Health Systems, Best New Physician (Tulane-Lakeside), 2017

Gold Humanism Honor Society, 2010-2011

REFERENCES

John Carlson, MD, PhD, Program Director, Tulane-Ochsner Pediatric Residency Program

jcarlso@tulane.edu

Samir El-Dahr, MD, Chairman, Tulane University School of Medicine, Department of Pediatrics

seldahr@tulane.edu