Introduction

The Department of Pediatrics views education as central to its global mission and its local long-term success. Our clinical training is built on the foundation of diagnosing and treating children from the large and diverse population we are privileged to serve in Dallas. As part of the only academic pediatric practice for children in the fourth largest metropolitan area in the United States, our trainees are shaped by their broad exposure to exceptionally diverse pathophysiology and our patients’ varied epidemiologic and social contexts. To offer depth to this process, we have cultivated our trainees and our faculty to consistently emphasize rigorous, mechanistic thinking. Departmental educational conferences like the weekly Multidisciplinary Conference series created by Marilyn Punaro and the Senior Resident led Friday Morning Report coached by our Chief Residents are now fundamental to our Department’s education culture: in which fundamental mechanisms of disease and treatments are discussed and explored in nuanced detail, among intellectually rigorous and curious colleges.

A common theme in our educational efforts is pediatrician empowerment and intellectual curiosity—at all levels of training. Our educational culture intentionally encourages critical questioning of hierarchy and a healthy intellectual discourse. At bedsides and in clinics during the past year, this has correlated with diagnostic discoveries or reversals by our trainees that have radically improved the care of specific patients. This is often due to the insights of our trainees who increasingly question assumptions: of each other and the broader system. Fears over the last decade that ACGME work hour restrictions would somehow hollow out the ethos (and/or critically reduce the “area under the curve”) of contemporary physician training have been addressed head-on here. Happily, we seem to have reached a healthy equilibrium state where our better rested, increasingly well-read, teams of M.D.’s engage in ways that make up for the potential disruptions of recurring circadian swaps of doctors. Part of this has been achieved by attention to programmatic details like our call schedules: designed to create overlap of trainees in ways that have increased the continuity of care offered by our teams. Most of it has been accomplished via our trainees’ dependably critical appraisal and questioning of their colleagues’ hypotheses and thought processes—at all hours and in almost all environments. Our chief residents have been effective champions of both. As fellow faculty members, they have significant empowerment and impact. This, and their comprehensive influence upon education in and by our Department, appears to be a major reason why we now consistently have a major percentage of each resident class in our chief residency candidates list.

Pediatric Department Chief Residents for 2016-17 and 2017-18

From left: 2016-17 Chiefs Athra Kaviani, Karl Kurz, and Krista Whitney; 2017-18 Chiefs Andrew Yu, Diana Nichols-Vinueza, Reese Mathieu IV, and Jessica Landry
Faculty

In 2017, we added two Associate Program Directors to our residency program. Pamela Okada’s initiatives include furthering the breadth and depth of our community partnerships and connections, and supporting resident development and mentorship. Mackenzie Frost’s initiatives include developing sequential learning experiences in ways to continue to enhance our individualized curriculum, including quality improvement.

Pamela Okada, M.D.

Mackenzie Frost, M.D.

We also continue to offer on-site Ambulatory Pediatrics Training with designated UTSW faculty; now in a clinic with significantly improved patient access and resources. Information about these faculty members is below.

Jeffrey McKinney, M.D., Ph.D.
Professor
Vice Chair of Education

Nancy Kelly, M.D., M.P.H.
Professor
Director, Community Pediatrics and Advocacy Program for Pediatric Residents

Michael Lee, M.D.
Associate Professor

Angela Mihalic, M.D.
Professor
Associate Dean for Student Affairs

Dorothy Sendelbach, M.D.
Professor
Assistant Dean for Undergraduate Medical Education

Honors / Awards

Michael Lee

- Texas Super Doctors, Texas Monthly Magazine

Angela Mihalic

- UT Southwestern Commencement Faculty Marshal, elected by graduating class of 2017

Dorothy Sendelbach

- Harvard Macy Institute Scholar, January 2017
Invited Lectures

Nancy Kelly

- Pediatric Academic Societies Meeting, San Francisco, CA, May 2017
  - Co-chair, Advocacy Training

Jeffrey McKinney

- 10th Annual Transfusion & Laboratory Medicine Conference, Dallas, TX, March 2017
  - “Mosquito Borne Diseases: Update for Laboratory Medicine Teams”

Conference Presentations by Faculty

Lin J, Yu A, Teran P, Anderson S, Kelly N.

Poster, Pediatric Academic Societies Meeting, San Francisco, CA, May 2017
“The Hunger Vital Sign”

Wick N, Yoder A, Wagner J, Mihalic A, Barker B.

Oral, Southern Regional Meeting, Society for General Internal Medicine, New Orleans, LA, February 2017
“Student-Led Design of a Medical Education Track and Distinction – Providing an Opportunity for Medical Students to Transform into Knowledgeable Clinician Educators”

Sendelbach D, Wagner J, Scotch R, Mihalic AP.

Poster, 2017 Innovation in Healthcare Delivery Systems Symposium, Austin, TX, April 2017
“Impact of UT PACT Initiative on Development of Professional Identity Formation and Preservation of Physician Empathy”

Shah S, Mihalic AP, Sendelbach D.

Poster, 2017 Innovation in Healthcare Delivery Systems Symposium, Austin, TX, April 2017
“Identifying Optimal Preparation Strategies for USMLE Step 1”

Dunleavy D, Liang M, Mihalic AP, Vinci R, Richard G.

Invited Workshop, NRMP Transition to Residency: Conversations Across the Medical Education Continuum Conference, New Orleans, LA, May 2017
“Using Data Analytics to Inform and Guide the Current Residency Selection Process”

Research

Nancy Kelly

Research Advisor for Resident AAP CATCH grant recipient, Dr. Paige Partridge
Current Grant Support

Nancy Kelly

Grantor: American Academy of Pediatrics, Community Pediatrics Training Initiative (CPTI) and Institute for Healthy Childhood Weight
Title of Project: Promoting Health Active Living for the Children of Teen Parents
Role: Principal Investigator
Dates: 04/2016 – 04/2017

Education and Training

Medical Student Education

As one of six medical schools in the University of Texas system, UT Southwestern accepts approximately 230-240 students annually. The education of these students remains one of the core missions of the Department of Pediatrics. A solid foundation in childhood health and illness has long been recognized as one of the central components of a well-rounded medical education, and the Department of Pediatrics strives to offer students the opportunity to explore the full breadth of pediatric medical care through our many programs.

At the center of these offerings is the core clerkship in Pediatrics for third-year medical students at UT Southwestern. This required element of the medical curriculum consists of a six-week rotation through the many care units housed at Children’s Medical Center, in addition to the Newborn Nursery at Parkland Health & Hospital System. During this six-week rotation, students spend four weeks on the inpatient service units at Children’s, a week in the Emergency Department, and a week in the nursery. The inpatient experience is aligned to maximize student participation in all aspects of patient care: students spend two weeks of their time on a general inpatient medicine ward and two weeks on one of the hospital’s subspecialty wards.

In addition, pediatric training makes up a significant core of the Ambulatory Care Clerkship, itself a six-week experience during which students rotate through the offices of one of a number of community based pediatricians in the North Texas region in addition to rotations through the breadth of subspecialty clinics on the Children’s Medical Center campus.

A full curriculum based on the core competencies as published by the Council on Medical Student Education in Pediatrics (COMSEP) is taught through bedside clinical supervision and daily rounds, in addition to various didactic sessions, interactive case-based discussions, and team-based learning sessions where students work in assigned teams to solve real world case simulations. Students also participate in community advocacy through their involvement in nutrition education programs for elementary school students in the Dallas Independent School District. The entire curriculum is reviewed on an ongoing basis based on feedback from medical school faculty, national regulatory agencies and students themselves. UT Southwestern is currently in the midst of its broadest ranging curriculum reform in years.

Fourth-year medical students at UT Southwestern have more flexibility to tailor their academic schedule to meet individual learning goals. Whether students want to gain a more in-depth exposure to pediatric subspecialties in preparation for an eventual career in pediatrics or to strengthen their foundation in caring for children in advance of another career path, the department offers numerous opportunities to fourth-year students through the facilities at Children’s and Parkland. Students can immerse themselves in acute/intensive care experiences via rotations in the Neonatal Intensive Care Unit, the Pediatric Intensive Care Unit, Cardiovascular Intensive Care Unit and Pediatric Emergency Department. Extended experiences in any of a number of subspecialty clinics including Pediatric Hematology-Oncology, Nephrology, Gastroenterology, Endocrinology and others are available for fourth-year students as well. In addition, ~30-40 students from outside institutions come to UT
Southwestern and Children’s Medical Center annually to do visiting rotations in pediatrics. The department also offers international elective opportunities to attract top students globally to do visiting rotations in Dallas every year.

Resident involvement in medical student education continues to be one of the hallmarks of the educational experience for UTSW medical students on their pediatric rotations. Our Chief Residents now directly coach medical students via their faculty sponsorship of the UTSW Medical School's Pediatric Interest Group, and they offer medical students access to residents’ scholarly projects. All of our senior house staff also create and present high visibility, resident-led, teaching conferences to intentionally draw medical students into deep discussions of pediatric disease processes, treatment mechanisms, and social determinants of health.

Perhaps more telling than any of the above, is that 133 UT Southwestern students have chosen to pursue a career in pediatrics or some combined program including pediatrics in the last four years, many here at UT Southwestern.

**Residents and Fellow Education**

We continue to optimize our educational venues and programming in an effort to best prepare our trainees for long-term career success.

In our residency program, this includes our intentional de-garrisoning of our M.D.’s longitudinal continuity clinic training opportunities, to link UT Southwestern educational systems to our broader community of high-quality pediatricians. This effort has benefitted from the thoughtful contributions of our residency program Associate Program Director, Pamela Okada. As part of this process, we have now created a nascent network of clinically rigorous and innovative community-based pediatric educational partners. Anecdotally, the meaningful contact and mutual respect fostered between our Department and these excellent community-based pediatricians may have contributed to the large number of last year’s residency graduates who chose primary care for their careers. Modeled on co-op educational systems common in top engineering schools, our community-based partners have now also become extremely helpful in career networking and in well informed job placement advice for our residents, especially our residents who chose to stay on practice in our region.

Likewise, educational innovations like our Seniors’ Surge Service have opened up new opportunities for our teaching Hospitalists to train senior residents' complex skills. Several of our graduating residents were successfully recruited to join our Department as new Hospitalist Division faculty cadre in the process. The spike in career interests among our residents in certain subgenres of pediatrics this year might just be stochastic variation, but it appears to also have been influenced by our new Apprenticeship Programming, and by faculty who have become highly engaged in the nuances of nationally competitive career development for our trainees. Our residency Associate Program Director, Mackenzie Frost, has been very influential in this effort.

Our residency program(s) now include an increasing number of highly innovative dual training paths: including Pediatric Neurology, Pediatric Neurodevelopment Disabilities, and Medicine-Pediatrics. These joint programs have reached high levels of collaboration in their talent recruitment, development and advancement efforts. Indeed, these innovations provide positive examples to the entire UT Southwestern educational enterprise.

A primary goal of all our educational programs is now nationally competitive career development, executed at individual scales for each of our trainees. We now formally track the “diaspora” of our trainees, as shown in the geography of recent residency program graduates career destinations.
Recent Graduates

The locales of our recent resident graduates’ first jobs after residency training at UT Southwestern

Color key denotes fellowship, inpatient medicine attending and outpatient medicine attending, respectively.

Next, we seek to create a meaningful alumni network among this group.

Academic Pediatrics
- Robert Wood Johnson Clinical Scholars Program, University of Pennsylvania (Philadelphia, PA)

Allergy and Immunology
- National Jewish Health, University of Colorado (Denver, CO)
- University of Mississippi (Jackson, MS)
- Wayne State University (Detroit, MI)
- Yale-New Haven Medical Center, Yale School of Medicine (New Haven, CT)

Cardiology
- Boston Children’s Hospital, Harvard University (Boston, MA)
- Children’s Health Dallas, UT Southwestern (Dallas, TX)
- Children’s Healthcare of Atlanta, Emory University (Atlanta, GA)
- Children’s Hospital of Philadelphia, University of Pennsylvania (Philadelphia, PA)
- Children’s National Health System, George Washington University (Washington DC)
- CS Mott Children’s Hospital, University of Michigan (Ann Arbor, MI)
- Nicklaus Children’s Hospital, Miami Children’s Health System (Miami, FL)

Child Abuse Protection
- Children’s Health Dallas, UT Southwestern (Dallas, TX)
- Texas Children’s Hospital, Baylor College of Medicine (Houston, TX)

Critical Care
- Children’s Health Dallas, UT Southwestern (Dallas, TX)
- Children’s Hospital Colorado, University of Colorado School of Medicine (Aurora, CO)
- Johns Hopkins Hospital (Baltimore, MD)
- Mayo Clinic Children’s Center (Rochester, MN)
- New York Presbyterian Hospital, Weill Cornell Medical Center (New York, NY)
Emergency Medicine
- Children’s Health Dallas, UT Southwestern (Dallas, TX)
- Children’s Hospital of Philadelphia, University of Pennsylvania (Philadelphia, PA)
- CHKD, Eastern Virginia Medical School (Norfolk, VA)
- Vanderbilt University Medical Center (Nashville, TN)

Endocrinology
- Boston Children’s Hospital, Harvard University (Boston, MA)
- Children’s Health Dallas, UT Southwestern (Dallas, TX)
- Children’s Hospital Los Angeles, Keck School of Medicine at the University of Southern California (Los Angeles, CA)
- Children’s Hospital of Philadelphia, University of Pennsylvania (Philadelphia, PA)
- Texas Children’s Hospital, Baylor College of Medicine (Houston, TX)

Gastroenterology
- Children’s Health Dallas, UT Southwestern (Dallas, TX)
- Children’s Hospital Colorado, University of Colorado School of Medicine (Aurora, CO)
- Children’s Hospital of Pittsburgh, UPMC (Pittsburgh, PA)
- Texas Children’s Hospital, Baylor College of Medicine (Houston, TX)

General Outpatient Pediatrics
- California: Oakland
- Idaho: Coeur d’Alene (FQHC)
- Louisiana: Gonzales
- Maryland: Gaithersburg
- Nevada: Las Vegas
- New Hampshire: Hanover
- New York: New York City
- Oklahoma: Oklahoma City (Indian Health Service)
- Pennsylvania: Philadelphia
- Texas: Dallas, Austin, Houston, San Antonio (FQHC), Corpus Christi, Brownsville
- Washington, DC

Hematology-Oncology
- Children’s Health Dallas, UT Southwestern (Dallas, TX)
- Children’s Healthcare of Atlanta, Emory University (Atlanta, GA)
- Children’s Hospital Colorado, University of Colorado School of Medicine (Aurora, CO)
- Children’s Hospital Los Angeles, Keck School of Medicine at the University of Southern California (Los Angeles, CA)
- Children’s Hospital of New Orleans, LSU Health Sciences Center (New Orleans, LA)
- Comer Children’s Hospital, The University of Chicago (Chicago, IL)
- CS Mott Children’s Hospital, University of Michigan (Ann Arbor, MI)
- Hadassah Medical Center, Jerusalem, Israel
- Johns Hopkins University (Baltimore, MD)
- Lucile Packard Children’s Hospital, Stanford University (Palo Alto, CA)
- Lurie Children’s, Northwestern University Feinberg School of Medicine (Chicago, IL)
- Memorial Sloan Kettering Cancer Center (New York City, NY)
- Nationwide Children’s Hospital (Columbus, OH)
- Seattle Children’s Hospital, University of Washington (Seattle, WA)
- St. Jude Children’s Research Hospital (Memphis, TN)
- Texas Children’s Hospital, Baylor College of Medicine (Houston, TX)

Hospitalist Medicine
- Cardon Children’s Medical Center, Banner Desert Medical Center (Mesa, AZ)
- Children’s Health Dallas, UT Southwestern (Dallas, TX)
- Johns Hopkins All Children’s Hospital (St. Petersburg, FL)
- Kibogora Hospital, Rwanda
- Lawrence + Memorial Hospital, Yale New Haven Health (New London, CT)
- Mission Children’s Hospital (Asheville, NC)
Penn State Children’s Hospital (Hershey, PA)
Wesley Children’s Hospital, KU School of Medicine-Wichita (Wichita, KS)

Infectious Diseases
- Children’s Health Dallas, UT Southwestern (Dallas, TX)
- Children’s Hospital of Philadelphia, University of Pennsylvania (Philadelphia, PA)
- Texas Children’s Hospital, Baylor College of Medicine (Houston, TX)
- Yale-New Haven Children’s Hospital, Yale School of Medicine (New Haven, CT)

Neonatal-Perinatal Medicine
- Boston Children’s Hospital, Harvard University (Boston, MA)
- Comer Children’s Hospital, The University of Chicago (Chicago, IL)
- Children’s Health Dallas, UT Southwestern (Dallas, TX)
- Hasbro Children’s Hospital, Alpert Medical School of Brown University (Providence, RI)
- Lurie Children’s, Northwestern University Feinberg School of Medicine (Chicago, IL)
- Parkland Hospital, UT Southwestern (Dallas, TX)
- Seattle Children’s Hospital, University of Washington (Seattle, WA)
- St. Louis Children’s Hospital, Washington University (St. Louis, MO)
- Texas Children’s Hospital, Baylor College of Medicine (Houston, TX)
- Yale-New Haven Children’s Hospital, Yale School of Medicine (New Haven, CT)

Neurology / Neurodevelopmental Disorders
- Children’s Health Dallas, UT Southwestern (Dallas, TX)

Psychiatry
- Children’s Hospital of Philadelphia, University of Pennsylvania (Philadelphia, PA)

Pulmonology
- Children’s Health Dallas, UT Southwestern (Dallas, TX)
- Children’s Hospital Colorado, University of Colorado School of Medicine (Aurora, CO)
- Duke Children’s Hospital, Duke University School of Medicine (Durham, NC)
- St. Louis Children’s Hospital, Washington University (St. Louis, MO)

Rheumatology
- Children’s Health Dallas, UT Southwestern (Dallas, TX)
- Lucile Packard Children’s Hospital, Stanford University (Palo Alto, CA)

With our emphasis on our residents’ and fellows’ career development, we also seek to consistently promote their advanced endeavors like meaningful scholarly projects and individualized training. This year, a record number of trainees presented their work in venues like the Pediatric Academic Societies national meetings, and in robust fellowship and resident research presentation days.

Scholarly project days for residents (left) and fellows (right)
Scholarship Oversight Committee reports are now being reviewed at the Departmental level, as part of our longitudinal tracking of fellows’ career development opportunities—particularly as related to their research mentorship and competitiveness for jobs in our Department and in our peer academic institutions.

In successive annual seasons, we have continued to expand our educational programs’ recruiting reach and competitiveness. Based on candidates’ follow-up communications, this may be due to the increasing contributions of our current and recent trainees to our national recruitment efforts. We have also intentionally expanded our faculty interviewer pool and practices, incorporating engaged faculty from every division for our resident recruiting processes, and better matching specific candidates to faculty with whom they appear to have shared interests or backgrounds. This may allow our fellowships new mechanisms by which they can also continue to expand their national recruiting reach, and allow our Department to build a desirably robust talent pipeline across the resident-fellow training sequence. Our Physician Scientist Training Program in Pediatrics (PSTP2) is a prime example of this approach, in which select residents are offered ongoing research training support that extends across their residency and fellowship years, and provided direct career mentorship by Philip Shaul.

Subjectively, visitors to our program consistently comment on our trainees’ high morale and their sense of influence over our educational programs. Objectively, we have record low levels of trainee attrition and disciplinary actions. We have also partnered with UT Southwestern Graduate Medical Education initiatives that have systematically promoted the wellbeing of residents and fellows. This is manifest both in resources like the new UTSW residents’ and fellows’ wellness center, and via policies and procedures designed to default to actions that consistently support trainees.

In our residencies and our fellowships, we have integrated efforts of Program Directors and Program Coordinators in ways that are increasingly allowing our educational programs to share best practices with each other. Our educational websites have been redesigned to allow individual training program specific highlights, yet also a functional level of intradepartmental linkage. Some of our educational programs now have high quality dedicated printed recruiting materials, featuring the accomplishments of current fellows and their training opportunities here. The Pediatric Department’s educational programs have benefitted from strengthened UT Graduate Medical Education support systems and infrastructure, including shared data tracking of, and feedback about, essential elements of ACGME reporting and self-study processes. This will be helpful in our upcoming ACGME site visit, to review all our graduate Pediatric Training Programs, in 2018.

Conference Presentations - Residents

**Poster Presentations** at Pediatric Academic Society/Society of Pediatric Research, San Francisco, CA, May 2017

**Kurz K.** (Chief Year)
- **CT Angiogram of a Neck for Pediatric Blunt Cerebrovascular Injury: A Case Study**

**Lin J, Yu Andy.** (3rd Years)
- **The Hunger Vital Sign**

**Most Z.** (2nd Year)
- **Cytomegalovirus Infection as a Cause of Fever and Morbidity among Pediatric Cancer Patients Receiving Chemotherapy without Hematopoietic Stem Cell Transplantation**

**Poster Presentations**

**Foldes A.** (3rd Year)
- **Four Month Old Infant with Terminal Lleum Duplication Cyst**
  Southern Society for Clinical Investigation, Southern Regional Meeting, New Orleans, LA, February 2017

**Most Z.** (3rd Year)
- **Household Contact Immunizations: A Feasible Method to Increase “Cocoon” Protections in the Pediatric Population**
  IDWeek Conference, San Diego, CA, October 2017
Oral Presentations at Pediatric Academic Society/Society of Pediatric Research, San Francisco, CA, May 2017

Shafer G. (3rd Year)
- Effect of RVP results on duration of antibiotics for neonatal fever patients with negative sepsis evaluations admitted to the Neonatal Intensive Care Unit

Sudanagunta S. (Intern)
- Association of Basic Maternal Factors and Maternal Autonomy with Malnourishment Among Children 6-36 Months Old in an Urban Slum in Bangalore, India

Johnston R. (3rd Year)
- Importance of Clinical Practices for Weight-Status Improvement in Overweight 2 - 5 Year-Olds

Oral Presentations

Batsis M. (2nd Year)
- Mitral Valve Phase Contrast Imaging is a More Reproducible Method of Determining Cardiac Rest Periods for Whole Heart Coronary Magnetic Resonance Angiography in Congenital Heart Disease Than 4 Chamber Cine
  American College of Cardiology, Scientific Session and Expo, Washington, DC, March 2017

Patel A. (3rd Year)
- Improving Interprofessional Collaboration Through Residents Shadowing Nurses: A Pilot Program
  Children’s Hospital Association of Texas, Quality and Safety Symposium, Austin, TX October 2017

Whitney K. (Chief Year)
- A Four-Fold Approach to Resident Wellbeing
  Association of Pediatric Program Directors Conference, Anaheim, CA, April 2017

Conference Presentations – Fellows 2017

Poster Presentations at Pediatric Academic Society/Society of Pediatric Research, San Francisco, CA, May 2017

Jamison R. (Graduated 2017):
- Dallas Global Health Elective: Equipping trainees for work in resource-limited settings
- Matters of the Heart: Evaluation of a novel online pediatric cardiology curriculum for residents

Long R, Diesen D, Robertson B, Leonard D, Nesiama J.
- Is There a Need for an Observation Period in the Emergency Department After Accidental Pediatric Blunt Head Injury?

Meade J, Most, Z, Laetsch, T, Winick, N, Sue, P.
- Cytomegalovirus Infection as a Cause of Fever and Morbidity among Pediatric Cancer Patients Receiving Chemotherapy without Hematopoietic Stem Cell Transplantation

Pavageau L.
Poster Presentations

Chaisavaneeyakorn S.
- *Identification and Characterization of Mycobacterium tuberculosis (Mtb) Effector Proteins*
  Infectious Disease Society of American (IDSA), ID Week, San Diego, CA October 2017

Engelhardt K.
- *Case Report: Successful use of pulmonary cryotherapy for tracheobronchial thrombus debridement during a pediatric V-V ECMO run*
  Extracorporeal Life Support Organization (ELSO), Baltimore, MD, September 2017

Ibrahim J.
- “Maggots”
  Historical Perspectives Poster Symposium, May 2017

Moye D, Graduated 2017), Hussain T, Botnar RM, Tandon A, Greil GF, Dyer AK, Henningsson M.
- *Dual-phase whole-heart imaging using image navigation in congenital heart disease.*
  International Society for Magnetic Resonance in Medicine (ISMRM), April 2017

Nichols B.
- *Blunted neutrophil priming in children with type 1 diabetes and diabetic ketoacidosis*
  Society for Leukocyte Biology/Vancouver, BC/October 2017

Pavageau L.
  Hot Topics in Neonatology, Washington, DC December 2017

Oral Presentations (including Senior Fellow Research Day 2017)

Tran A.
- *Atherosclerosis, Aortic Stiffness, and Cardiac Function in Pediatric Patients with Familial Hypercholesterolemia Assessed by MRI*
  AAP Oral Presentation – September 2017

Dickerson K, Xu J.
- *Elucidating the Epistatic Interplay between EZH1 and EZH2 in Acute Myeloid Leukemia*
  May 2017 – Senior Fellow Research Day, UT Southwestern Medical School

Meade J, Moore Z, Rakheja D, Laetsch T, Boothman D.
- *β-Lapachone as a Novel Targeted Therapy for Atypical Teratoid Rhabdoid Tumors*
  May 2017 – Senior Fellow Research Day, UT Southwestern Medical School

John S.
- *Targeting LILRB4 by CAR-T cells for the treatment of pediatric AML*
  May 2017 – Senior Fellow Research Day, UT Southwestern Medical School

Jamison R. (Graduated 2017):
- *Matters of the Heart: Evaluation of a novel online pediatric cardiology curriculum for residents, Abstract and Poster for Senior Fellow Research Day – Spring 2017*
Engelhardt K.
- Use of two dimensional speckle tracking echocardiography for the detection of acute rejection in pediatric heart transplant recipients: A prospective study
  International Society of Heart and Lung Transplantation (ISHLT), San Diego, CA

Efune P.
- Pediatric Critical Care Quality Improvement Project: Assessing the Impact of a Daily Goal
  Pediatric Academic Society/Society of Pediatric Research, San Francisco, CA, May 2017

Nichols B.
- Blunted neutrophil priming in children with type 1 diabetes and diabetic ketoacidosis
  Flash Talk - Society for Leukocyte Biology/Vancouver, BC/October 2017

Pandiyan P.
- Characterizing Neuroinflammation on ECMO
  Pediatric Academic Society/Society of Pediatric Research, San Francisco, CA, May 2017

Arango Uribe D.
- Impact of negative pressure ventilation in Fontan patients
  Society of Critical Care Medicine (SCCM), Honolulu, HI, January 2017

Bhattarai P.
- Role of SCFAs produced by B. theta in C. albicans colonization resistance
  Society of Critical Care Medicine (SCCM), Honolulu, HI, January 2017

Lee A.
- Biomarkers of traumatic brain injury in a pediatric mouse model
  Society of Critical Care Medicine (SCCM), Honolulu, HI, January 2017

Invited Lecturer

Meade J, Moore Z, Rakheja D, Laetsch T, Boothman D.
- β-Lapachone as a Novel Targeted Therapy for Atypical Teratoid Rhabdoid Tumors
  Children’s Hospital of Philadelphia, Philadelphia, PA 2017