CURRENT TRAINEES 2015-2016

Fourth Year Fellows

Melissa Webb, MD
Interventional Cardiology

Education:

BS, University of Notre Dame, 2004
MD, University of Texas, San Antonio, 2009

Post-doctoral Training:

University of Colorado, Denver Childrens Hospital, Pediatric Residency, 2009-2012
University of Texas Southwestern, Pediatric Cardiology, 2012-2015

Research Projects:

Impella Pediatric Left Ventricular Assist Device as Novel Therapy: Chronic Study of Safety and Feasibility in a Porcine Model.
Strain and strain rate measured on echocardiogram 1-3 weeks after starting treatment predicts one year outcome in children diagnosed with acute dilated cardiomyopathy.

Abstracts:

Webb MK, Auerbach SR, Younoszai AK, Landeck II BF. Strain and strain rate measured on echocardiogram 1-3 weeks after starting treatment predicts one year outcome in children diagnosed with acute dilated cardiomyopathy. J Am Soc Echocardiogr. 2013;26(6): B127

Presentations:

Webb MK, Auerbach SR, Younoszai AK, Landeck II BF. Strain and Strain Rate Measured on Echocardiogram 1-3 Weeks After Starting Treatment Predicts One Year Outcome in Children Diagnosed with Acute Dilated Cardiomyopathy. Poster Presentation at the American Society of Echocardiography Scientific Sessions. Minneapolis, June 2013

PDA stenting has better short term morbidity compared to surgical BT shunt in single ventricle patients; is it time for a paradigm shift? Abstract presentation, Society for Cardiac Angiography and Interventions, May 2015.

Third Year Fellows

Kevin Engelhardt, MD

Education:

BS, University of Arizona, Tucson, AZ, 2005
MD, University of Arizona, College of Medicine, Tucson, AZ, 2010

Postdoctoral Training:

University of Arizona, Pediatric Residency, 2010-2013

Publications:

Engelhardt KE, Barber BJ (2011). Pulmonary Valve Stenosis. In Domino FJ, Baldor RA, Golding J , Grimes JA, Taylor JS (Ed.), 5 minute Consult (pp. 1104). Philidelphia, PA: Lippincott Williams and Wilkins. Book chapter.

Research Projects:

Comprehensive evaluation of 2 dimensional global systolic strain by speckle tracking echocardiography in pediatric heart transplant recipients with an emphasis on the prediction of rejection.
Ruptured non-coronary sinus of Valsalva aneurysm ina pediatric patient with Trisomy 13: Case report and review of literature

Nicholas Huggins, MD

Education:

BS, Texas A&M, College Station, TX, 2006
MD, UT Southwestern, Dallas, TX, 2010

Post-doctoral Training:

UT Southwestern, Dallas, Pediatric Residency, 2010-2013

Research Projects

Drug eluting polymers

Publications:

Huggins N, Nugent A, Modem V, Rodriguez JS, Forbess J, Scott W, Dimas VV. Incidence of acute kidney injury following cardiac catheterization prior to cardiopulmonary bypass in children, Catheter Cardiovasc Interv. 2014 Oct 1;84(4):615-9. doi: 10.1002/ccd.25405. Epub 2014 Feb 4.

Presentations:
Huggins N, Welch TR, Goodfried AC, Nugent A, Forbess JM. Synthesis of a Novel Biometric Polymer, Poly (Glycerol-Sebacate-co-Propylene Fumarate) Gadodiamide, for Cardiovascular Applications. ASME 2015 International Mechanical Engineering Congress & Exposition

Second Year Fellows

Rachel Jamison, MD

Education:
BS, Providence College, Providence, RI, 2005
MD, UT Southwestern, Dallas, TX, 2010

Post-doctoral Training:
UT Southwestern, Dallas, Pediatric Residency, 2010-2013

Research Projects: Matters of the Heart: A new ambulatory cardiology curriculum for pediatric residents

Publications:
Cantey JB, **Jamison RJ**, Baldridge CJ. Late vs very late onset GBS sepsis. World J Pediatr. 2014 Feb; 10(1):24-8.

Presentations:
Jamison RJ, Baldridge CJ. (2012, April). Pediatric Residents Improving Seizure Management in Ghana Hospital. Poster presented at: Pediatric Academic Societies (PAS) Annual Meeting; Boston, MA.

Jamison RJ. (2013, February). Medical Care in the Developing World: A vision for West Africa. Oral

Presentation at: Laboratory Medicine Conference; Plano, TX.

PAS Poster Presentation: NICU Apprenticeships for Third Year Pediatric Residents 20104

SWAT Poster Presentation: Dallas Global Health Elective: Preparing Residents for Work Abroad 2014
Oral Presentation at UTSW Global Health Symposium: The Pediatric Global Health Education Program: from Humble Beginnings 2014

Danielle Marie Moye, MD

Education:

BA, Stanford University, Palo Alto, CA, 2005
MD, UT Southwestern, Dallas, TX, 2011

Post-doctoral Training:

UT Southwestern, Dallas, Pediatric Residency, 2011-2014

Research Projects: Prospective Evaluation of Respiratory Motion Correction for Three-dimensional Dual-Phase Whole-Heart MR Imaging Using a 2D Image Navigator (iNav)

Publications:

Moye DM, Damoulis V, Amatruda J. Chemical dissection of primordial germ cell migration. J Investig Med 2009 Jan; 1(57): 377.
Moye DM, Dyer K, Thankavel, PP. Myocadial contusion in an 8 year-old boy: A kickstart to the heart. Circ Cardiovasc Imaging. 2015 Mar;8(3):e002857. doi: 10.1161/CIRCIMAGING.114.002857.

Presentations:

Utility of Serial Echocardiograms in Single Ventricle Interstage Monitoring. Abstract accepted and poster presentation at Pediatric Academic Societies 2015 Annual Meeting. April 2015.

Bao (Robyn) Nguyen Puente, MD

Education:

BS, Regis University, Denver, CO, 2004
MD, Washington University, St Louis, MO, 2008

Post-doctoral Training:

Washington University, St Louis, MO, Pediatric Residency, 2008-2011
UT Southwestern, Dallas, TX, Critical Care Fellowship, 2011-2014

Publications:

Bennett WE, González-Rivera R, **Puente B**, Shaikh N, Stevens H, Mooney J, Klein E, Denno DM, Draghi A, Sylvester A, Tarr PI. Proinflammatory fecal mRNA and childhood bacterial enteric infections. Gut Microbes 2010; 1:4:209-212.

Puente BN, Kimura W, Muralidhar SA, Moon J, Amatruda JF, Phelps KL, Grinsfelder D, Rothermel BA, Chen R, Garcia JA, Santos CX, Thet S, Mori E, Kinter MT, Rindler PM, Zacchigna S, Mukherjee S, Chen DJ, Mahmoud AI, Giacca M, Rabinovitch PS, Aroumougame A, Shah AM, Szweda LI, Sadek HA The oxygen-rich postnatal environment induces cardiomyocyte cell-cycle arrest through DNA damage response. Cell. 2014 Apr 24; 157(3):565-79.

Kimura W, Muralidhar S, Canseco DC**, Puente B**, Zhang CC, Xiao F, Abderrahman YH, Sadek HA. Redox signaling in cardiac renewal. Antioxid Redox Signal. 2014 Oct; 21 (11): 1660-73.

Presentations:

Betz J, **Nguyen B**, Jaehning J. Over-expression of Cln2 or Cln3 suppresses loss of the Paf1/RNA polymerase II complex. Yeast Genetics and Molecular Biology Meeting. 2004. Seattle, Washington

Betz J, **Nguyen B**, Jaehning J. Characterization of suppressors of deletion mutants of the Paf1 complex in Saccharomyces cerevisae. West Coast Biological Sciences Undergraduate Research Conference. 2004. San Diego, California.

Betz J, **Nguyen B**, Jaehning J. Characterization of suppressors of deletion mutants of the Paf1 complex in Saccharomyces cerevisiae. West Coast Biological Sciences Undergraduate Research Conference. 2003. Colorado Springs, Colorado.

First Year Fellows

Andrew Tran, MD

Education:

BA, Case Western Reserve, Cleveland, OH 2007

MD, Case Western Reserve, Cleveland, OH 2012

Postdoctoral Training:

UT Southwestern, Dallas, Pediatric Residency, 2012-2015

Publications:

Use of an intravascular warming catheter to maintain normothermia during flap reconstruction of the sternum. Tran AH, Kiamanesh F, Maga JM, Blitz A, Salgado CJ.
J Clin Anesth. 2012 Aug;24(5):430-1. doi: 10.1016/j.jclinane.2011.07.010. Epub 2012 May 22. No abstract available

Jerry Michael, MD

Education:

BS, Texas A&M, College Station, TX 2008

MD, University of Texas School of Medicine, San Antonio, TX 2012

Postdoctoral Training:

Baylor Hospital, Houston, TX, Pediatric Residency, 2012-2015