

· **Kyle Siemers**, USD SSOM MD-PhD student. Project: Diabetic Fuels Influence Mitochondria Function and Fatty Acid Processing in Human Trophoblasts. Highlights: Four co-authored publications including 3 first-authored papers. International DOHaD 13th World Congress invited US Trainee Speaker (Buenos Aires, Argentina), US DOHaD Society Trainee Representative (national elected leadership position), US DOHaD Society best poster presentation (Portland, OR, 2025), Society for Reproductive Investigation presenter (Vancouver, BC, 2024), AAMC Leadership Summit (nationally selected, 2023), Aspen Perinatal Biology Symposium NIH Travel Award (Aspen, CO, 2022), Midwest Society for Pediatric Research (MSPR) Student Award for the best presentation by a medical student (Chicago, IL, 2022). Other invited key presentations: US DOHaD Society (Chapel Hill, NC, 2024), US DOHaD Society (Children's Mercy Research Institute, Kansas City, MO, 2023). OHSU Summer DOHaD course (2022, 2023). Successfully defended her dissertation on December 6, 2024.

· **Abigail Varsho-Klein**, USD SSOM Basic and Translational Science (BATS) PhD training program. Project: Peri-ovulatory Co-Q10 to prevent oxidative stress and improve pre-implantation embryo quality. Highlights: Three co-authored publications including one first-authored paper. Society for Reproductive Investigation (SRI) invited oral presentation (Vancouver, BC, 2024), USD Creative Scholar's Award (2024), USD SSOM Pediatric Research and Scholarship Day Best Basic Science Abstract by a Student Award (2023), Wesley W. Parke Research Award (2022), Aspen Perinatal Biology Symposium Travel Award (Aspen, CO, 2022), MSPR platform presentation and Travel Award (Chicago, IL, 2022). Other invited key presentations: Eastern South Dakota Research Symposium (2023), US DOHaD Society (Chapel Hill, NC, 2024), US DOHaD Society (Children's Mercy Research Institute, Kansas City, MO, 2023). OHSU Summer DOHaD course (2022, 2023). Successfully defended her dissertation on November 14, 2025.

· **Eli J Louwagie**; Sanford Program for Undergraduate Research (2014-2017) & USD SSOM MD/PhD training program (2018-present). Project: Mitochondrial roles in developmentally programmed heart disease. Eight co-authored publications including three first-authored papers. One book chapter. Society for Pediatric Research (SPR) Student Research Award (2015). Travel Award and Co-Chaired Session APS Cardiovascular, Renal and Metabolic Diseases: Sex-Specific Implications for Physiology Conference (2018). NIH-USDA Young Investigator Travel Award to Aspen/Snowmass Perinatal Biology Symposium (2019). SPR

MD-PhD Student Research Award (2020). Successfully defended his dissertation on December 9, 2020. Graduated with a dual doctoral degree on May 6, 2023. Internal

Medicine Residency, Lewis Gale Hospital-Montgomery, Blacksburg, VA (2023-2026).
Accepted to Endocrinology fellowship, University of Minnesota (2026).

· **Srikrishna Pamalapati Thimma Reddy**; USD SSOM Pediatric Resident. Project: Multigenerational consequences of maternal high fat diet and gestational diabetes at the preimplantation embryo stage. Highlights: One co-authored publication. Pediatric Academic Societies meeting presenter (Honolulu, HI, 2025). Pursuing neonatology fellowship, University of Utah (2026).

· **Sruti Kalla**; USD SSOM Pediatric Resident. Project: Umbilical cord blood lipids in the presence of maternal diabetes and obesity. Highlights: Pediatric Academic Societies meeting platform presenter (Honolulu, HI, 2025).

· **Sowmya Kruttiventi**; USD SSOM Pediatric Resident. Project: Umbilical Cord Blood Adipokines in the Presence of Maternal Diabetes and Obesity. Highlights: 2024-25 American Academy of Pediatrics (AAP) Resident Research Grant awardee, Pediatric Academic Societies meeting presenter (Honolulu, HI, 2025). Transitioned to Neonatology Fellowship, University of Illinois, Chicago, IL (2025).

· **Pradeeksha Mukuntharaj**; USD SSOM Pediatric Resident. Project: Developmental differences in myocardial mitochondrial networks in offspring born to diabetic mothers. Highlights: One co-authored publication. Pediatric Academic Societies meeting platform presenter (Toronto, Canada). Transitioned to Pediatric Cardiology Fellowship, University of Minnesota, Minneapolis, MN (2025).

· **Rebecca Mabee**; USD SSOM Pediatric Resident. Project: Placental Lipid Processing in the Setting of Diet-Controlled Gestational Diabetes. Highlights: Pediatric Research and Scholarship Day Best Clinical and Translational Research Abstract award (2022). Transitioned to Neonatology Fellowship, University of Utah (2024).

· **Kyle Sabey, DO**; USD SSOM Pediatric Resident. Project: The Role of Mitochondrial Dynamism in Developmentally Programmed Heart Disease. Highlights: Co-authored publication, MSPR platform presentation, Jack Metcoff Award for Outstanding Resident or Fellow Presentation (Chicago, IL, 2016). Chief Resident of Pediatrics, USD SSOM (2018-2019). General Pediatrician, Gillette, WY (2019).

· **Stacy Kern, MD**; USD SSOM Pediatric Resident. Project: Maternal Diabetes and High Fat Intake Alters Lipid Fuel Stores in the Developing Fetal Heart. Highlights: USD SSOM Faculty Award (grant), Society for Pediatric Research (SPR) House Officer Research Award (San Diego, CA, 2015). Transitioned to Neonatology fellowship at the University of Iowa, McElroy lab. Recipient of the MSPR Jack Metcoff Award for outstanding fellow presentation. Neonatologist at University of Minnesota, Minneapolis, MN (2016).

