

Medical Student Summer Program

UAB-UCSD O'Brien Center 2026



Potential opportunities

Name of Mentor	Department/ Division	Topic of lab/ Research Projects
Abolfazl Zarjou, MD, PhD azarjou@uabmc.edu	Medicine – Nephrology	<i>Iron metabolism in kidney health and disease</i>
Carmen De Miguel, PhD cdemigue@uab.edu	Medicine – Nephrology	<i>The role of inflammation in kidney disease associated with hypertension, diabetes and high oxygen supplementation.</i>
Robert E. Van Sciver, PhD rvansciv@uab.edu	CDIB	<i>Ciliary mouse models of polycystic kidney disease</i>
Sylvie Mrug, PhD sylva@uab.edu	Psychology	<i>Early life stress and cardiovascular outcomes - clinical project</i>
Bradley Yoder, PhD byoder@uab.edu	CDIB – Yoder lab	<i>PKD topics</i>
Javier A. Neyra Lozano, MD jneyra@uabmc.edu	Medicine – Nephrology	<i>Evaluating biomarkers of muscle function in critically ill adults with AKI on CRRT</i>
Lisa M. Curtis, PhD lisacurtis@uabmc.edu	Medicine – Nephrology	<ul style="list-style-type: none"> • Sex differences in kidney injury
Jake Chen, PhD jakechen@uab.edu	Genetics, Computer Science, and Biomedical Engineering	<i>Developing bioinformatics pipelines and AI models to extract insights from Kidney Precision Medicine Program data sets</i>
Jin Chen, PhD jinchen@uab.edu	Medicine – Nephrology	<i>CRRT machine projects - the projects could enhance their clinical understanding/skills of how to calculate and adjust effluent dose</i> <ul style="list-style-type: none"> • detecting CRRT downtime • denoising CRRT machine data
Jennifer Pollock, PhD jenniferpollock@uabmc.edu	Medicine – Nephrology	<i>Immune cell regulation and hypertension</i>
Cheng (Jack) Song, PhD song1c@uab.edu	CDIB	<i>Developing of human pluripotent stem cell derived kidney organoids to model genetic cystic kidney diseases, including autosomal dominant polycystic kidney disease</i>

The summer program will involve **primarily research** but will **also include opportunities** to engage with nephrologists and kidney researchers to improve your awareness of the field and grow your network.

For more information, please visit

<https://www.uab.edu/medicine/obriencenter/education/student-training>