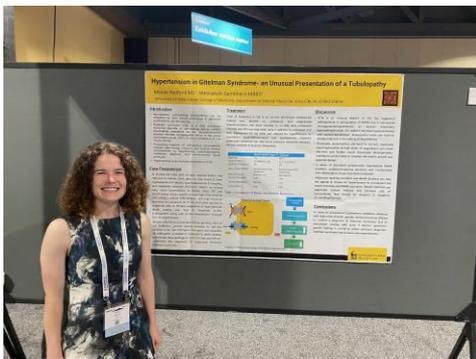

Nephrology Research Opportunities - 2026

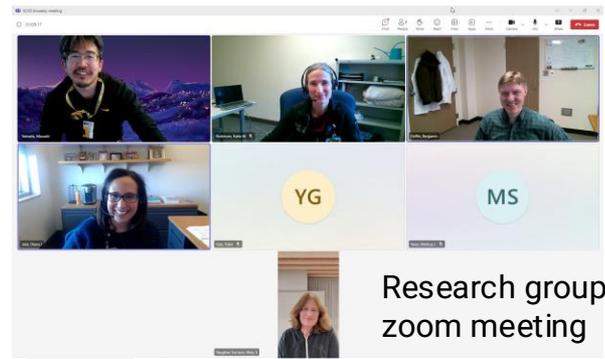
February 2, 2026

Why Nephrology?

- A **Variety of Research Opportunities** available from **Bench to Bedside!**
- Faculty with **Diverse Research Interests**
- **Right Mentoring** and right environment
- Collaborative & **Fun Environment**

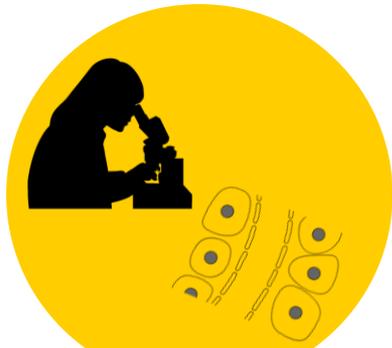


Maluki Radford, MD (Mentor: Dr. Sambharia) presenting a poster abstract at National Kidney Foundation Spring Meeting 2024 in Long Beach



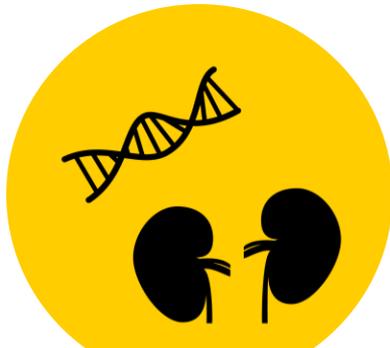
Casey Hardin, MD (Mentor: Dr. Griffin) presenting an oral abstract at American Society of Nephrology Kidney Week 2025 in Houston

From Bench to Bedside in Nephrology!



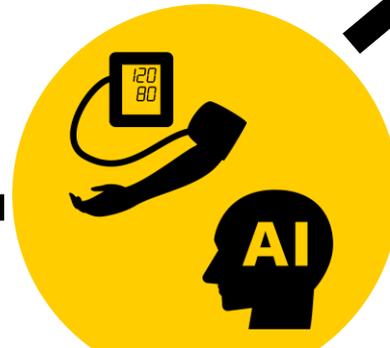
Basic/Translational Science

- PKD and cyst genesis
- Electrolyte transport physiology
- Renal Physiology in HTN
- Vascular function in CKD



Renal Genetics

- Nation's **FIRST** Renal Genetics fellowship!
- Nation's **FIRST** renal genetic screening panel



Clinical Research

- AKI/ICU
- CKD/HTN
- Rural CKD care
- Pharmacist in CKD
- Stone/GN-IgAN
- Transplant



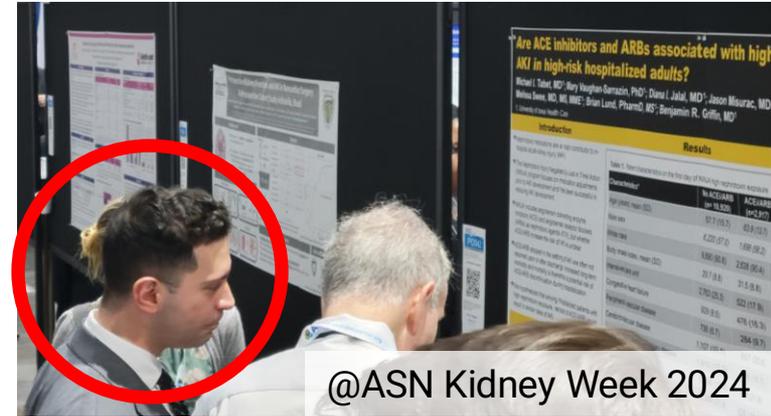
Medical Education Quality Improvement

- Virtual Care
- Tele-Neph Dashboard
- CRRT Education App

Our Track Records

RAAS Inhibition in Hospitalized Patients with High Nephrotoxin Burden is Associated with Higher Rates of Acute Kidney Injury but Lower Rates of In-hospital Mortality

Authors: Mike Tabet¹, MD; Mary Vaughan-Sarrazin^{1,2}, PhD; Diana Jalal^{1,2}, MD; Jason Misurac³, MD; Benjamin R. Griffin^{1,2}, MD



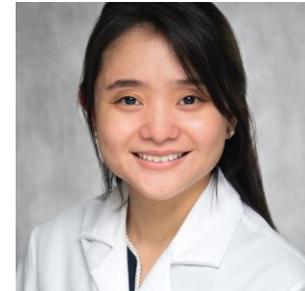
Internal Medicine Education Center Residency Program

Residents

1st Place: Kathie Zhang

Title: Mind the Gap

Mentor: Dr. Meenakshi Sambharia



Former Chief Resident: Dr. Zhang



Contents lists available at [ScienceDirect](https://www.sciencedirect.com)

American Journal of Ophthalmology Case Reports

journal homepage: www.ajocasereports.com/



Late-onset retinal oxalosis in primary hyperoxaluria type 2

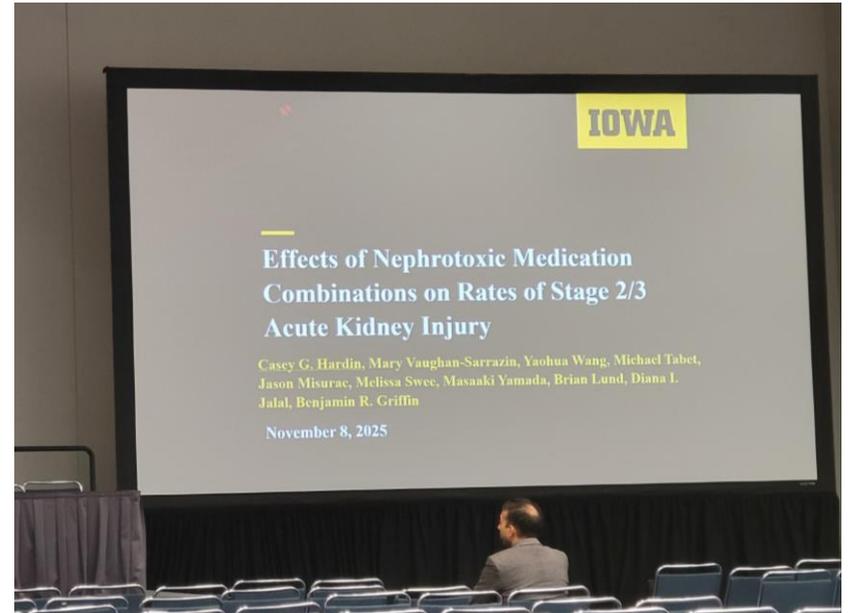
Rupak Bhuyan^a, Tyler Maggio^b, Christie Thomas^b, Meenakshi Sambharia^b, Karen Gehrs^a, Timothy Boyce^a



Current Chief Resident: Dr. Maggio

IOWA

Kidney Week 2025 in Houston



Dr. Hardin, Dr. Radford, Dr. Vosters, Dr. Maggio, and Dr. Mallory presented total 5 research abstracts including oral one

Provider perspectives on self-management of hypertension: a survey of perceptions and clinical pharmacist utilization

Received: 14 July 2025

Accepted: 29 December 2025

Published online: 24 January 2026

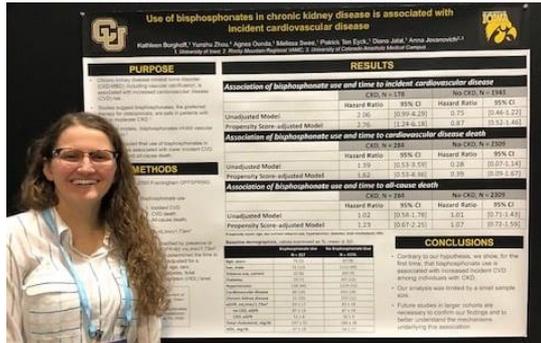
Cole Howie, Ahmad Al-Masry, Mary K. Good, Patrick Van Eyck, Linder Wendt, Katharine Geasland, Korey Kennelty, Masaaki Yamada & Diana Jalal

Recent resident publications, March 2024

APRIL 2, 2024 BY INTERNAL MEDICINE AT IOWA

Does home blood pressure monitoring improve blood pressure-related outcomes in people living with chronic kidney disease? A systematic review

Nathan P. Carey MSc^{1,2} | Ffion Curtis PhD^{1,3} | McKenna L. Eisenbeisz MD^{4,5} |
Sadaf Akbari MD^{4,5} | Meenakshi Sambharia MD^{4,5} | Diana I. Jalal MD^{4,5} |
Thomas J. Wilkinson PhD^{1,2,6} 



Use of bisphosphonates in chronic kidney disease is associated with cardiovascular death

Kathleen A. Borghoff¹, Agnes E. Ounda², Melissa L. Swee³, Saket Girotra⁴, Amal A. Shibli-Rahhal³, Patrick Ten Eyck⁵, Diana I. Jalal^{3,6}, Anna J. Jovanovich⁷

¹ University of Nebraska Medical Center, Omaha, NE, ² UT Health Tyler, Tyler, TX, ³ University of Iowa, Iowa City, IA, ⁴ University of Texas Southwestern, Dallas, TX, ⁵ Institute for Clinical and Translational Science, University of Iowa, ⁶ Iowa City VA Medical Center, Iowa City, IA, and ⁷ Bozeman Health, Bozeman, MT, USA

Kath Borghoff, MD (Mentor: Dr. Jalal & Dr. Swee) presenting her research poster at ASN Kidney Week 2019

Right Mentoring and Fun Environment!

- American Society of Nephrology National Meeting
 - Kidney Week 2025, Nov 6-9 in Houston
 - **5 Research abstracts** (2 drafted for publication already)

Denver Colorado This Year!



https://www.youtube.com/watch?v=ymThtv_nHGE



**Everyone is
Welcome here!**

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Thank you!

→ masaaki-yamada@uiowa.edu