

## Faculty

Peter Blackburn  
*Vitreoretinal Disease and Surgery*

Melanie Bradley, MD  
*Pediatric Ophthalmology and Adult Strabismus*

Seema Capoor, MD  
*Cornea and External Disease*

John D. Conklin, Jr., MD  
*Comprehensive Ophthalmology*

Barbara K. Crutchfield, OD  
*Comprehensive Optometry*

Richard J. Dannenberg, MD, PhD  
*Comprehensive Ophthalmology*

Claire E. Fraser, MD, PhD  
*Vitreoretinal Disease and Surgery*

Eric B. Higgins, MD  
*Medical Retina and Comprehensive Ophthalmology*

James Hunsaker, OD  
*Comprehensive Ophthalmology*

Linda Katz, MD  
*Comprehensive Ophthalmology*

Douglas Katz, MD  
*Cornea and External Disease*

Richard Kielar, MD  
*Ocular Pathology*

Mark E. Kleinman, MD  
*Vitreoretinal Disease and Surgery*

Daniel B. Moore, MD  
*Glaucoma*

Sharon Napier, MD  
*Pediatric Ophthalmology and Adult Strabismus*

P. Andrew Pearson, MD  
*Vitreoretinal Disease and Surgery*

Kristen Piery, OD  
*Comprehensive Optometry*

Sheila Sanders, MD  
*Glaucoma*

Julia L. Stevens, MD  
*Pediatric Ophthalmology and Adult Strabismus*

Padmaja Sudhakar, MD  
*Neuro-Ophthalmology*

Peter J. Timoney, MD  
*Oculofacial Plastic and Orbital Surgery*

Shaista Vally, OD  
*Comprehensive Optometry*

Woodford S. VanMeter, MD  
*Cornea and External Disease*

Christi Willen, MD  
*Pediatric Ophthalmology and Adult Strabismus*

## 2015-2016 Clinical Trainees Graduating Clinical Fellows

Romulo Albuquerque, MD, PhD, DDS  
*Surgical Retina Fellow  
Residency: University of Kentucky  
Career Plans: UK Faculty*

Gregory Lee, MD  
*Surgical Retina Fellow  
Residency: Tufts University  
Career Plans: Faculty Surgical Retina at NYU*

Jonathan Paul, MD  
*Glaucoma Fellow  
Residency: Albany Medical Center  
Career Plans: Glaucoma Specialist, Acuity Eye San Diego, CA*

David Harris, MD  
*Cornea Fellow  
Residency: University of Kentucky  
Career Plans: New York Eye & Ear*

## First Year Clinical Fellows

Clinton Ellingson, MD  
*Surgical Retina Fellow  
Residency: University of Kentucky*

## Senior Residents PGY-4

Parker DuPree, MD  
*Chief Resident  
Med School: University of Florida  
Career Plans: Surgical Retina Fellowship  
UK/Retina Associates of KY*

Joe Mando, MD  
*Med School: University of Louisville  
Career Plans: University of Texas  
Southwestern Cornea Fellowship*

Christine Mollineaux, MD  
*Med School: University of Louisville  
Career Plans: Vanderbilt Eye Institute*

## Mid Level Residents PGY-3

Stuart Ball, MD  
*Med School: University of Alabama*

James Huffman, MD  
*Med School: University of Kentucky*

Ira Perszyk, MD  
*Med School: University of North Dakota*

## First Year Residents PGY-2

Michelle Abou-Jaoude, MD  
*Med School: Florida Int'l Univ.*

Alexander Cherry, MD  
*Med School: Ohio State University*

Laura Coyne, MD  
*Med School: Ohio State University*

## Optometry Resident PGY - 1

Sarah Huffman, OD  
*Optometry School: UAB*

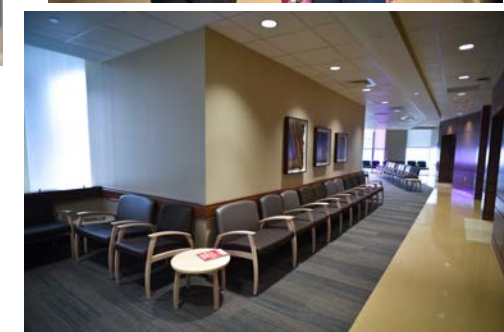
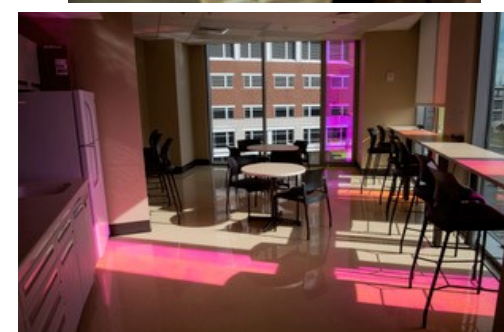
## Interns PGY-1

Tyler Anderson, MD  
*Med School: Virginia Commonwealth University*

Darren Hill, MD  
*Med School: Pennsylvania State University*

Ankur Mehra, MD  
*Med School: Ohio State University*

Justin West, MD  
*Med School: University of Kentucky*



## Message from the Chair

On Monday, March 20<sup>th</sup> we officially opened the new UK HealthCare Advanced Eye Care Clinic. The Ophthalmology Department covers the top two floors of the new Shriners' clinic building and encompasses 44,000 square feet. Included are 52 state-of-the-art universal exam rooms, faculty and trainee offices, clinical research space, including 19 certified research exam lanes, 75 seat capacity conference room with split projector system, resident library, and separate wetlab and pathology training rooms.

In short, we are very pleased with the new space as we usher in the next era of patient care, teaching, and research in our growing department. Please stop by next time you are near or contact me if you want a tour.

Sincerely,

P. Andrew Pearson, MD  
Professor and Chairman



# Update from the Residency Program Director



In case it isn't obvious, we're loving the new digs! The move dovetails nicely with a few updates in the residency program. Our first class of four residents starts in July, and we will be adjusting the rotations accordingly as the program expands over the next three years. Highlights include a dedicated consult and research block during the third year of residency. We continue to offer an internship opportunity and hope to integrate our interns beyond the current three months they already rotate on our service. To broaden our didactic curriculum and better tailor learning to the next generation, we have been recording all of our scheduled lectures and are now offering many of these online. We are augmenting content with other digital resources and are allowing residents to review these on their own pace. Utilizing the "flipped

classroom" model, our face-to-face time is increasingly spent problem-solving, working through cases and translating concepts to clinical practice rather than in traditional lectures. The new conference room with the digital projector system, integrated audio and video conferencing will definitely help facilitate these changes.

This clearly is a season of change for the Department and resident program, and we are excited for what the future holds.

With Best Regards,

Danny Moore, Ophthalmology Residency Program Director

## Research Update



The Ophthalmology and Visual Sciences Research Program recently welcomed the hiring of Qingjun Wang, PhD as Research Assistant Professor. Dr. Wang performed a postdoctoral fellowship at Rockefeller University in New York, NY where she studied the molecular machinery involved in autophagy. We are excited for this valuable addition, as she will bring significant expertise to our Department in the field of metabolomics. Her studies are focused on defining critical interactions between autophagy and metabolomics during inherited retinal degeneration with an emphasis on juvenile neuronal ceroid lipofuscinosis.



Mark E. Kleinman, MD recently presented talks at a Keystone Conference detailing new findings regarding a novel role of interferons in geographic atrophy and at the American Society of Human Genetics showing new sequencing data for non-coding RNAs in AMD. Kabhilan Mahan, PhD, a senior post-doctoral fellow from Dr. Kleinman's lab, was recently hired as a Research Assistant Professor at SUNY-Syracuse where he will be leading the in vivo retinal imaging facility and continuing studies on the role of IRF-4 in retinal degenerations. Romulo Albuquerque, MD, PhD (Residency '15, VR Fellowship '17) was recently awarded a KL2 mentored career development award and is working on defining molecular mechanisms of ocular pain. He will be continuing as a full faculty member with a 75% research commitment

starting in July 2017.

The UK Vision Research Interest Group for sharing equipment, techniques, expertise, and for journal clubs and grant review sessions has been launched and is working on finalizing a Vision Science Seminar for next year. This is a campus-wide initiative that will bring all vision scientists together in a single group to enhance our impact here in the Commonwealth. Links and seminar information will be available on our Department website.

## Resident Highlight

Christine Molineaux (class of 2017) joins a long list of runners in the department. Born on Long Island, she moved to Kentucky at age 3. She's been in Lexington since 6th grade, with a four-year stop in Clemson for undergrad (very smugly happy with the college football season) and another four years in Louisville for medical school. We were fortunate to have her match in our program, and she was quite excited to stay in the state and train with us. She enjoys the friendly and welcoming atmosphere in the department, and has developed strong bonds with her co-residents and faculty alike. She believes two of the biggest strengths of the program are the balance between autonomy and supervision, and opportunities for development. She is planning on pursuing comprehensive ophthalmology after graduation and is actively seeking out possible practice opportunities in the region.

Outside of medicine, Christine is an accomplished athlete. She started running in college as a way of staying in shape, and over the past few years has competed in multiple events, including four marathons. One of her biggest life regrets was not participating in the Boston Marathon after qualifying six years ago. She completes the Bourbon Chase every year, including one with our ophthalmology team, and even participated as an "ultra" team two years ago – she completed the 200-mile relay with a team of six instead of twelve members (and they still beat our team)!

Christine is tying the knot in May at Spindletop Hall. Beyond the North Lime Donuts to be served at the reception, many of the faculty and residents are invited and will be attending to celebrate one of our favorite residents.



## Faculty Highlight



The last day in our old clinic space was St. Patrick's Day - Friday, March 17<sup>th</sup>; the irony of the transition was not lost on our resident Irishman, Dr. Peter Timoney. Born and raised in Dublin, Peter completed medical school at Trinity College and then spent three years training in ophthalmology at the Royal Victoria Eye and Ear Hospital in Dublin. He subsequently applied for the University of Kentucky residency program to be closer to family (his father was the chair of veterinary sciences at UK). After residency, Peter completed an ASOPRS oculoplastics fellowship with Dr. Bill Nunery at Indiana University. He has been our staff oculoplastics surgeon since August 2011.

His mentor, Dr. Lorraine Cassidy, at the Royal Victoria Eye & Ear Hospital was influential in his decision to pursue ophthalmology. An urban legend among residents regarding Peter's decision to pursue oculoplastics has at least some truth - during the majority of his residency, he was unaware of his rather large interpupillary distance (72 mm) and spent most of his time under the operating

microscope without a binocular view! His initial discomfort with the microscope has not swayed Peter from quickly establishing a prolific oculoplastics division at UK. He currently has clinics at UK, KEI Lexington, Maysville, London, Somerset and Corbin, and operates at UK, Somerset and Corbin. He enjoys both eyelid and orbital cases, with a special interest in trauma. He participates in many complex and multidisciplinary cases, frequently with ENT and neurosurgery.

His transcontinental upbringing has allowed Peter the opportunity to work in a variety of different environments. He is very happy to be at UK for multiple reasons, but states the collegial and "family" feel of the department is the most unique. He enjoys the teaching opportunities at UK, and finds great satisfaction in observing the progress in surgical and clinical skills between the rotating first and third year residents on his service. He coordinates all the resident lectures for the oculoplastics curriculum (and gives most of them himself), supervises an annual orbital dissection course for the UL and UK ophthalmology residents and is the lead instructor for an annual AAO facial fracture course. Both he and Dr. Nunery are currently organizing an annual Oculoplastics Symposium with special guest lecture, Dr. David Verity of Moorefields Eye Hospital, London on May 26<sup>th</sup> in Louisville. All are welcome to this event and please look to the Department website for more details.

Peter is a busy guy and congenial clinician, surgeon and educator dedicated to developing the oculoplastics division at UK into a nationally recognized program. We are "lucky" to have him. He enjoys time with his family, Andrea, Natalie and Alex are vacationing on the west coast of Ireland.

## Program Contact Info

Danny Moore, Program Director | [daniel.b.moore@uky.edu](mailto:daniel.b.moore@uky.edu) | Olivia Turner, GME Program Coordinator | [olivia.turner@uky.edu](mailto:olivia.turner@uky.edu)

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## Support the Ophthalmology Research and Education Fund

As the region's only academic ophthalmology practice offering pediatric and trauma care, UK HealthCare Advanced Eye Care is both comprehensive and targeted in our delivery of highly specialized, patient-personalized medicine. With a culture of learning and innovation, we recruit the best physicians, researchers, and scientists to address the complex ophthalmologic needs of the Commonwealth and beyond. Due to the aging population and the increased prevalence of many potentially blinding diseases in our society, the number of patients needing ophthalmological care has increased at an alarming rate and shows no signs of slowing down. Since 2000, the number of clinical patients we have evaluated has tripled. UK HealthCare has made an investment in the world-class clinical space, to empower our caregivers and ensure our patients receive the best in ophthalmologic care.

The new space and facility offers the opportunity for additional investments in equipment, people and programs to become an acclaimed clinic for patient care, training, discovery, and innovation. Without such support, VISION in Kentucky hangs in the balance. UK HealthCare Advanced Eye Care has, and will continue to play, an essential role in the lives of patients throughout the Commonwealth and nation. Be a partner in the vision for the future of eye care by making a gift today.

<https://goog.gl/sZL8De>

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## Gross Fund Support

The Gross Fund endowment was established in memory of one of our beloved residents, Dr. Mark Gross (class of 1996). The fund continues to empower residents to pursue educational opportunities, for example, the four-day Wills Eye Course in Philadelphia, the annual subscription to an online board-preparation question bank, sponsored travel to any conference where residents present research, and continue the Mark L. Gross Award for the top resident research presentation at the annual Resident's Research Day.

Enclosed is a prestamped, addressed, and ready to seal envelope. Complete the required sections with your donor information and place your blue envelope in the mail.

## Residents Research Day

**When:** Friday, 23 June 2017

**Where:** Biological-Pharmaceutical Research Building, Room 170

**Time:** 7:30 a.m. - 12:00 p.m.

**Speaker:** Asim Piracha, M.D.

*Lunch provided by the department for R.S.V.P. guests, only.*

For more information or to R.S.V.P. for this annual event, please contact Olivia Turner, [olivia.turner@uky.edu](mailto:olivia.turner@uky.edu) or 859.218.2631.

