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HAMILTON EYELIGHTS

a seasonal newsletter produced by

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From the Chair:

Welcome to the spring issue of Hamilton Eyelights. The past few months have been an exceptionally exciting time at the Hamilton Eye Institute, and the months ahead promise to be even more dynamic.

As the new year commenced, so did our annual cycle of outstanding endowed lectureships and continuing medical education programs. We had the privilege this spring of commencing the inaugural John L. Montgomery, Sr., MD, Distinguished Visiting Professorship, which featured a presentation and discussion of ethics in the practice of ophthalmology. We have also recently welcomed many other outstanding guest speakers for the 17th annual Clinical Update Meeting, Basic and Clinical Science Review course, and the annual meeting of the Memphis Eye Society. Already this year we have had topics in neuro-ophthalmology, anterior segment surgery, pediatric ophthalmology and strabismus, cornea and external disease, glaucoma, ocular pathology and ophthalmic tumors, optics, orbit and oculoplastics, retina and vitreous, uveitis, medical ethics, and health care legal matters.

Evolving technology is now allowing HEI to advance its education mission as new methods of surgical training become available. At our Skills Transfer Center, residents and fellows are now being trained with a new cataract simulator kit, which almost perfectly mimics the look and feel of each stage of cataract surgery. Meanwhile, pioneering new cornea transplant surgeries are being performed by HEI faculty for the first time anywhere in Tennessee, providing improved outcomes and shorter recovery times for patients.

As ever, we deeply appreciate the support of those who have enabled us to remain at the forefront of modern medicine’s lightning pace as we continue in our mission to fight blindness worldwide.

Sincerely,

James C. Fleming, MD, FACS
Chair, Department of Ophthalmology
Philip M. Lewis Professor of Ophthalmology
Director, Hamilton Eye Institute Orbit Center
17th Annual Clinical Update Meeting

January 11, HEI held the 17th Annual Clinical Update Meeting. We were honored to welcome the 13th I. Lee Arnold, MD, Distinguished Visiting Professor William R. Nunery, MD, FACS, clinical professor of Ophthalmology at Indiana University, and associate professor of Ophthalmology and director of Oculofacial Plastic & Orbital Surgery at University of Louisville. We also welcomed guest lecturer Michael J. Taravella, MD, professor of Ophthalmology at the University of Colorado School of Medicine. Both delivered outstanding lectures, and we thank them for their participation in this year’s Clinical Update Meeting.

Annual Meeting of the Memphis Eye Society

In April, the Memphis Eye Society held their annual convention at the HEI Freeman Auditorium. Our honored speakers were neuro-ophthalmologist Andrew G. Lee, MD, chair of Ophthalmology at Methodist Hospital in Houston, Texas, and professor of Ophthalmology, Neurology and Neurosurgery at Weill Cornell Medical College; cataract, anterior segment, refractive, cornea and external disease specialist Michael E. Snyder, MD, assistant professor of Ophthalmology at the University of Cincinnati; and health care legal expert Alan Reider, JD, MPH, partner in the FDA and Healthcare Practice Group of Arnold & Porter, LLP, Washington, D.C.

This year’s meeting provided an outstanding array of topics and was highly praised by attendees. We join the Memphis Eye Society in thanking all of our remarkable lecturers for their participation.

ABOVE: (from left) Clinical Update Event Director Matthew W. Wilson, MD, FACS, Department Chair James C. Fleming, MD, FACS, Dr. Nunery, Dr. Taravella, Aaron N. Waite, MD, and Byron N. Wilkes, MD

RIGHT: (from left) Dr. Snyder, attorney Reider and Dr. Lee
This March, HEI was proud to welcome Charles M. Zacks, MD, as the inaugural John L. Montgomery, Sr., MD, Distinguished Visiting Professor. This endowed lectureship was founded through the generosity of UTHSC Ophthalmology alumni John C. Hoskins, MD, and Joseph M. Googe, Jr., MD, as well as Tod A. McMillan, MD, and Andrew Lewis, as a tribute to the extraordinary contributions of John L. Montgomery, Sr., MD, FACS, and John L. Montgomery, Jr., MD, FACS, to protecting and restoring the sight of tens of thousands of patients in Tennessee and the United States.

Dr. Zacks, a cornea and external disease specialist with Maine Eye Center in Portland, Maine, served on the American Academy of Ophthalmology (AAO) Ethics Committee from 1994 to 2010, including a term as chair of the Ethics Committee. His informative lecture provided updates on the latest ethical standards and underscored the importance of ethical behavior in the practice of medicine. It was highly attended, and many physicians expressed how pleased they were with the topic and presentation.

The following day, Dr. Zacks and Mara Burke, manager of the AAO Ethics Program, gave further ethics-based lectures for HEI residents and faculty.

The event “provided a fitting and lasting tribute to a great man,” said Hamilton Professor of Ophthalmology Barrett G. Haik, MD, FACS, director of the Hamilton Eye Institute. We are tremendously grateful to Dr. Zacks and Ms. Burke for their excellent presentations, and to Drs. Montgomery, Hoskins, Googe, and McMillan and Mr. Lewis for creating this outstanding annual event.
Assistant Professor Shankar Swaminathan, PhD

Shankar Swaminathan, PhD, joins our research faculty as an assistant professor of Ophthalmology after nearly three years as a postdoctoral researcher at HEI. Prior to that, he gained experience in medical devices and formulations in the Indian pharmaceutical industry and as an exchange fellow at the University of Turin, Italy. He received his PhD in pharmaceutics from the Institute of Chemical Technology, Mumbai, India.

Dr. Swaminathan continues to work closely with HEI vision scientist Monica Jablonski, PhD. His research focuses on identifying genes and developing personalized nano-medicines for glaucoma, developing new therapies for atrophic age-related macular degeneration, designing drug formulation strategies for autosomal dominant retinitis pigmentosa, and assessing the ocular pharmacokinetics and bio-distribution of drugs and delivery systems.

Dr. Swaminathan has had great success in obtaining external funding for his research ideas and developing independent research programs. He recently received grants from the Knights Templar Eye Foundation and Juliette RP Vision Foundation. He is a passionate, highly skilled researcher and a valued addition to the Hamilton Eye Institute’s Center for Vision Research.

Director of Operations Virginia Bailey

Director of Operations Virginia Bailey, DNP, MBA, BS, RN, joins us after 12 years as administrator and chief operations officer at Virginia Beach Eye Center in Virginia Beach, Va.

“This is my first experience in an academic setting,” Virginia said. “I’m very excited about that... and it’s fitting since I just completed my doctorate last year.” A doctorate in nursing practice equips a clinical nurse scholar with the capacity to shape systems of care, translate research and influence organization-level improvements. She also has a master’s in business and a bachelor’s in organization management, which focuses on the human element in team dynamics. “The team at HEI is very diverse and dynamic,” she noted.

Virginia is impressed by HEI’s outstanding clinical and surgical facilities. With more than 40,000 outpatient visits each year, HEI attracts patients from throughout the region and world. We rank consistently among the top 10 providers of eye care nationwide, but Virginia joins department chair Dr. James Fleming and HEI director Dr. Barrett Haik in the goal to become #1. “Certainly we are well known, but I want even more,” she said. “We are going to be the place to go for eye care.”
Child’s Facebook Photo Leads to Diagnosis of Rare Eye Disease at New Baptist Eye Center

Not long ago, Tara Taylor posted a photo of her 3-year-old daughter Rylee on Facebook. The photo was shot in a dim room with a flash. This would normally result in a “red eye” effect, but in this photo, Rylee’s left eye was glowing white — an effect doctors call “leukocoria.” Taylor’s friends noticed the strange glow and suggested taking Rylee to a doctor. Upon examination, her pediatrician referred Rylee to a retina specialist.

Jorge I. Calzada, MD, clinical associate professor of Ophthalmology at HEI and president of the Charles Retina Institute, saw Rylee at the Baptist Women’s Hospital’s new Baptist Eye Center, which he helped to establish less than two years ago. Dr. Calzada diagnosed Rylee with Coats disease, a rare disorder causing abnormal growth of blood vessels at the back of the eye.

The earlier this disease is found, the better the prognosis.

Taylor said her daughter never complained of vision problems and showed no signs of difficulty seeing. According to Dr. Calzada, this is not uncommon. “The significant problem we have with children is that a child won’t say, ‘Mommy, I can’t see out of my right eye.’ It is usually caught in an unexpected way,” said Dr. Calzada.

Coats disease is not the only eye problem that can be discovered from leukocoria. Retinoblastoma, a malignant pediatric eye cancer, can cause the same characteristic white glow as the camera flash reflects off of a tumor inside the eye. Several other diseases and disorders can also cause leukocoria. If you see it in your own child’s photo, please schedule an appointment with an ophthalmologist.

Did You KNOW?

It’s spring, and you’ve got red, itchy, watery eyes: it must be an allergy, right? Or is it? Conditions such as blepharitis, conjunctivitis, keratitis and uveitis can be mistaken for allergies. See an ophthalmologist to be sure. Schedule an appointment at (901) 448-6650.
The Original Phaco Machine

After working the bugs out of several prototypes, in 1970, the Cavitron Corporation and Dr. Kelman developed the Kelman/Cavitron Phacoemulsifier model 7001, but it was not widely accepted. “The profession vehemently protested the adoption of the technique,” recalled Dr. Kelman. “Most if not all surgeons at that time used only loupes [handheld lenses] for magnification. As a result, they had to learn to use an operating microscope as well as to perform phacoemulsification. Many politically important ophthalmologists were older and either unwilling or unable to learn these new modalities.” Fortunately, Dr. Kelman was persistent.

In fact, phacoemulsification did not become the favored technique for cataract extraction until the late 1980s, but some visionary doctors saw that it was the better method. Among those “early adopters” was Dr. George Haik, professor and chair of Ophthalmology at Louisiana State University. “It shows that he was ahead of his time,” said Jerre M. Freeman, MD, clinical professor of Ophthalmology at HEI. “Modern small-incision surgery has revolutionized all surgery. Charlie Kelman changed the lives of all ophthalmologists—and their patients. We have lived and continue to live in amazing times.” In 2004, Dr. Freeman and the Ridley committee selected Dr. Kelman as the recipient of the Ridley medal, the highest honor offered by the Hamilton Eye Institute.

In the late 1960s, Charles D. Kelman, MD, developed a revolutionary new technique for cataract removal: phacoemulsification, in which ultrasonography is used to break the lens into pieces that are extracted through a tiny incision. Prior to this breakthrough, cataracts could only be extracted whole through a large incision, leading to a lengthier recovery and higher risk of complications.

Haik Family Artifacts on Display at HEI

The ophthalmology museum in the lobby of the Hamilton Eye Institute’s Freeman Auditorium is home to many treasures from the history of eye surgery. This fall, two artifacts from the estate of George M. Haik, Sr., MD, join the collection: a Kelman/Cavitron Phacoemulsifier model 7001, and a Carl Zeiss xenon light photocoagulator. Both have been carefully restored and loaned to the museum by Hamilton Professor and HEI Director Barrett G. Haik, MD, FACS.
Xenon Light Photocoagulator

Using focused sunlight to destroy diseased tissue at the back of the eye, German ophthalmologist Gerhard Meyer-Schwickerath, MD, pioneered retinal photocoagulation in 1949. A few years later, Carl Zeiss Laboratories developed the xenon arc lamp, which produced a beam similar to sunlight by passing an electrical arc through a tube of xenon gas. The technique was widely used by ophthalmologists in the 1950s, including Dr. George Haik.

Although this early technology was not without complications such as pain, retinal burns and visual field defects, it led ultimately to the development of modern laser eye surgery, which is now a safe and painless therapeutic option in the treatment of numerous eye conditions, including diabetic retinopathy, detached retina, microaneurysms, and some ocular tumors. It also led to other uses for xenon technology, such as the xenon endophotocoagulator, developed by HEI Clinical Professor of Ophthalmology Steve Charles, MD, FACS. By channeling xenon light through a fiber-optic probe positioned near the retina, this device dramatically reduces post-operative vitrectomy complications.

Modern surgery is performed in ways unimaginable half a century ago. We owe much gratitude to creativity and perseverance of innovative ophthalmic surgeons like Drs. Kelman, Freeman, Meyer-Schwickerath, Charles and Haik, whose visionary ingenuity has led to remarkable developments in surgical technology and technique.

“They are treasures – not just for us, but for residents and young ophthalmologists who can see firsthand the remarkable advances that innovative surgeons have made and continue to make in the fight against blindness.”

— DR. BARRETT HAIK

George M. Haik, Sr., MD
Dr. Waite Performs Pioneering New Cornea Surgery

In February, Aaron N. Waite, MD, HEI’s director of Cornea, Cataract and Refractive Surgery, performed a Descemet membrane endothelial keratoplasty (DMEK). It was the first such surgery performed in Tennessee.

The cornea is a transparent dome covering the colored iris and pupil of the eye. Because it transmits and focuses light into the eye, its clarity is essential for sharp vision. Along the inner surface of the cornea is a single layer of cells called the endothelium, which continuously pumps fluid out, keeping the cornea clear. When these cells are damaged by injury or disease, fluid can accumulate in the cornea. This results in swelling (edema) of the cornea and progressive clouding of vision.

In a DMEK corneal transplant, the surgeon grafts donor endothelial cells to the patient’s eye to treat corneal edema. “It’s a new type of transplant with a very thin graft and no sutures,” explained Dr. Waite, who also recently spoke as a guest lecturer on DMEK to the Aspen Corneal Society. “This means faster recovery and a lower rejection rate.”

Visual rehabilitation following DMEK has been shown to be more rapid and result in better vision compared to other corneal transplantation techniques.1 “DMEK is an exciting new technique that will benefit the lives of many patients with corneal edema,” said Dr. Waite.


Congratulations to HEI postdocs David New, PhD, and Albert Alhatem, PhD, who were, respectively, awarded the C. Stephen and Frances B. Foster Foundation Travel Award and the Informa Healthcare Travel Award for the 2014 annual meeting of the Association for Research in Vision and Ophthalmology.
HEI Pediatric Ophthalmologists at National Meetings

April 2-6, 2014, the American Association of Pediatric Ophthalmology and Strabismus (AAPOS) held its annual convention in Palm Springs, Calif. In attendance were HEI pediatric ophthalmologists Natalie C. Kerr, MD, FACS, Hiatt Professor of Ophthalmology and director of the HEI Residency Program; Mary Ellen Hoehn, MD, associate professor of Ophthalmology and director of HEI Special Events; pediatric ophthalmology instructor Lauren K. Ditta, MD; and third-year resident Julie K. Calderwood, MD.

At the meeting, Dr. Kerr led a symposium on the topic of ocular torsion. Dr. Ditta presented a poster titled, “A Closer Look at Idiopathic Intracranial Hypertension: a Single Institution Review.” Drs. Calderwood and Hoehn received the 2014 Pediatric Glaucoma and Cataract Family Association award for their poster, “Ocular Findings in School-age Children and Adolescents Following Bone Marrow Transplantation.”

“Both posters were very well received,” said Dr. Hoehn. “Dr. Ditta and Dr. Calderwood did exceptional work, and I am very proud of both of them.”

Dr. Calderwood also presented at the Association of University Professors of Ophthalmology (AUPO) Program Director’s Council: Educating the Educators, which took place January 29 in Miami, Fla. Her poster, “A System for Ranking Applicants That Works,” was based on a review of HEI’s Residency Program by Drs. Calderwood and Kerr, and demonstrated the success of our resident selection process. “This meeting focuses on residency education in ophthalmology, and I very much enjoyed the opportunity to attend,” said Dr. Calderwood. “It is exciting to see how much focus the program directors place on improving residency education, integrating new technology into the educational process, and sharing new ideas.”

The strength of our pediatric ophthalmology program stands as a testament to outstanding educator and leader Roger L. Hiatt, MD, Professor Emeritus and past chairman of the UTHSC Department of Ophthalmology. Dr. Hiatt trained more than 100 ophthalmologists in his career, including Dr. Kerr who in turn continues to train and mentor others like Drs. Hoehn, Calderwood and Ditta. Their accomplishments are a tribute to his remarkable legacy.

ABOVE: Dr. Calderwood (left) presents her poster at AAPOS, joined by Dr. Hoehn.

LEFT: (from left) Drs. Hoehn, Kerr and Ditta at AAPOS with Dr. Ditta’s poster.
New Cataract Surgery Training Simulator

The Hamilton Eye Institute Skills Transfer Center is home to a wide array of advanced surgical training tools. Its latest addition is a new cataract surgery training kit that simulates multiple stages of cataract surgery. Learning the specialized techniques necessary to safely perform cataract surgery on live people requires a great deal of practice on suitably realistic substitutes for human tissue. Conventional methods require the use of animal tissues, which are costly and not reusable. Another alternative is computer-based surgical simulation, which offers an outstanding array of surgical scenarios, provides immediate scoring and feedback, and tracks a surgeon’s progress over time. However, this new simulator kit provides a level of tactile realism that is superior to both animal and computer models.

According to second-year HEI resident T. Amerson Pegram, MD, “It gives me a better feel for what the surgery is like in real life. I’m surprised at how realistic it feels. The free-floating sensation of the instrument inside the anterior chamber — that’s where steadiness and delicate maneuvers are needed. That’s the difficult part of the surgery, and this simulates it spot-on.”

ABOVE: Miriam Lara de la Rosa, MD, (right) an ophthalmologist from Mexico City, Mexico, performs a simulated cataract surgery with the new training kit. HEI instructor Ivan Marais, MD, (left) a highly experienced anterior segment surgeon, offers guidance and mentorship. Dr. de la Rosa visited the institute in February on a one-month observership through the World Cataract Foundation and HEI International Outreach Program.

RIGHT: An artificial membrane made of polyester film is carefully peeled away from a plastic lens capsule during a simulated cataract surgery on the new training kit.
Annual Basic and Clinical Science Review

January 31-February 2, 2014, HEI held the annual Basic and Clinical Science Review Course. This free program is offered to all residents and fellows. Organized by second-year ophthalmology residents T. Amerson Pegram, MD, Michael Hood, MD, and Patrick Risch, MD, it provides a series of didactic lectures by subspecialty experts based on core material from the Basic and Clinical Science Series published by the American Academy of Ophthalmology.

Lecturers included HEI faculty members as well as special guest Kenneth W. Wright, MD, director of the Wright Center for Pediatric Ophthalmology and Strabismus in Costa Mesa, Calif., who gave an exceptional lecture on the anatomy of eye muscles. He also donated a signed copy of his book, Pediatric Ophthalmology and Strabismus (3rd ed.), to HEI’s Haik Ophthalmology Library. We are grateful to Dr. Wright for contributing to the ongoing education of our residents and fellows.

HEI Congratulates Matched 2015 Residents

Rocio I. Diaz Sanjur, MD
University of Panama

Sarah Duhon, MD
University of Mississippi Medical Center

Cody Richardson, MD
University of Tennessee Health Science Center

Elizabeth Rosenberger, MD
East Tennessee State University

Devin West, MD
St. Louis University School of Medicine
James C. Fleming, MD, FACS
Orbital Disease & Oculoplastic
Philip M. Lewis Professor and
Chair of Ophthalmology
Director, Orbit Center

Barrett G. Haik, MD, FACS
Ophthalmic Oncology,
Orbital Disease & Oculoplastic
Hamilton Professor of Ophthalmology
Director, Hamilton Eye Institute

Ralph S. Hamilton, MD
Comprehensive Ophthalmology
Professor of Ophthalmology

Richard D. Drewry, Jr., MD, FACS
Neuro-Ophthalmology
Professor Emeritus

Roger L. Hiatt, MD
Pediatric Ophthalmology & Strabismus
Professor Emeritus

Edward Chaum, MD, PhD
Vitreoretinal Diseases
Flough Foundation Professor of Retinal Diseases

Natalie C. Kerr, MD, FACS
Developmental Ophthalmology,
Pediatric Cataracts & Strabismus
Hiatt Professor of Ophthalmology
Director, Residency Program

R. Christopher Walton, MD, MHA
Uveitis & Ocular Inflammatory Diseases
Baptist Memorial Health Care Foundation
Professor of Ophthalmology

Matthew W. Wilson, MD, FACS
Ophthalmic Oncology, Orbital Disease,
Oculoplastic Surgery & Ophthalmic Pathology
St. Jude Chair of Pediatric Ophthalmology
Professor of Ophthalmology

Alessandro Iannaccone, MD, MS
Hereditary Retinal Disease & Retinal Electrophysiology
Associate Professor of Ophthalmology

Monica M. Jablonski, PhD
Ophthalmic Research
Professor of Ophthalmology
Professor of Anatomy & Neurobiology
Associate Dean of Postdoctoral Affairs

William R. Morris, MD
Comprehensive Ophthalmology & Ophthalmic Pathology
Associate Professor of Ophthalmology
Assistant Professor of Pathology

Jena J. Steinle, PhD
Ophthalmic Research
Associate Professor of Ophthalmology
Associate Professor of Anatomy & Neurobiology
Director, Center for Vision Research

Mary Ellen Hoehn, MD
Pediatric Ophthalmology & Strabismus
Associate Professor of Ophthalmology
Director, Special Projects

Brian M. Jerkins, MD
Glaucoma
Assistant Professor of Ophthalmology

Elliott M. Kanner, MD, PhD
Glaucoma
Assistant Professor of Ophthalmology

Alinda Guynes McGowin, MD
Cataract Surgery & Comprehensive Ophthalmology
Assistant Professor of Ophthalmology

Vanessa Morales-Tirado, PhD
Ophthalmic Oncology Research
Assistant Professor of Ophthalmology

Mark H. Myers, PhD
Ophthalmic Research
Assistant Professor of Ophthalmology

Shiva Bohn, MD
Pediatric Ophthalmology
Assistant Professor of Ophthalmology

Thomas O’Donnell, MD
Neuro-Ophthalmology & Low Vision Rehabilitation
Assistant Professor of Ophthalmology
Director, Low Vision Services

Andreea E. Partal, MD
Cornea, External Disease & Refractive Surgery
Assistant Professor of Ophthalmology

Shankar Swaminathan, PhD
Ophthalmic Research
Assistant Professor of Ophthalmology

Aaron N. Waite, MD
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Assistant Professor of Ophthalmology
Director, Cornea, Cataract & Refractive Surgery

Byron N. Wilkes, MD
Oculoplastic Surgery & Orbital Disease
Assistant Professor of Ophthalmology

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Cornea, External Disease & Comprehensive Ophthalmology
Instructor of Ophthalmology

Ivan Marais, MD
Anterior Segment Surgery
Instructor of Ophthalmology
Clinical & Affiliated Faculty

Professors:
Steven Charles, MD
Jerre M. Freeman, MD
Thomas C. Gettelfinger, MD
Audrey W. Tuberville, MD
Thomas O. Wood, MD

Associate Professors:
Howard L. Beale, MD
Jorge I. Calzada, MD
Andrew Lawton, MD
Richard E. Sievers, MD

Assistant Professors:
Kathryn W. Byrd, MD
Thomas A. Currey, MD
Roger L. Deshaies, MD
James Freeman, MD
Lawrence W. Gordon, MD
Henry T. Grizzard, MD
Ralph F. Hamilton, MD
James C. Hart, MD, MPH
J. Charles Henry, MD
Faramarz (Fred) Hidaji, MD
Tawan (Sunny) Khamapirad, MD
Sidney Kriger, MD
Melvin Litch, MD
Gary Passons, MD
William Bradford Priester, MD
Kathryn L. Patterson, MD
Alan R. Schaeffer, MD
Jesse M. Wesberry, MD

Director of Operations:
Virginia Bailey, DNP, MBA, BS, RN

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Ralph Wesley, MD

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Ernesto A. Calvo L., MD
David J. Harris, Jr., MD, FACS
Peter A.D. Rubin, MD, FACS

Assistant Professors:
Robert S. Dotson, Jr., MD

Instructors:
Michael S. Galloway, MD
Alan E. Oester, Jr., MD
Steven Sterling, MD

Joint-Appointed Faculty

Professors:
Michael A. Dyer, MD
Eniko Pivnick, MD
Anton J. Reiner, PhD
Charles R. Yates, PhD

Associate Professors:
Erno Lindner, PhD, DSc
Jay E. Mattingly, MD

Assistant Professors:
Rachel C. Brennan, MD
Asim F. Choudhri, MD

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Brian C. Tse, MD
Ocular Oncology

Lauren K. Ditta, MD
Pediatric Ophthalmology

Brian T. Fowler, MD
Oculoplastic Surgery

Carolee Cutler-Peck, MD
Second-Year Oculoplastic Surgery

Peter Brennen, MD
Vitreoretinal Surgery

Eric C. Sigler, MD
Second-Year Vitreoretinal Surgery

Ophthalmology Residents

Third Year:
Julie K. Calderwood, MD
Stephen Huddleston, MD
Mark Kosko, MD
Justin Wilkin, MD

Second Year:
Austin Bell, MD
Michael Hood, MD
T. Amerson Pegram, MD
Patrick Risch, MD

First Year:
Kourtney Henderson Houser, MD
Jordan Masters, MD
Shilpa Reddy, MD
Rebecca Epstein, MD
Come and see us

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Lions Low Vision Center, Suite 400
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June 6, 2014 • 9 AM - 4:30 PM

The 43rd Annual Ophthalmology Alumni/Residents’ Day &
24th George K. Kambara, MD
Distinguished Visiting Professorship

Featuring Oculoplastic Surgeon
Keith D. Carter, MD
Lillian C. O'Brien & Dr. C.S. O'Brien Chair in Ophthalmology
Department of Ophthalmology, Chairman & Head
Professor of Ophthalmology & Visual Sciences, Professor of Otolaryngology
University of Iowa Carver College of Medicine

Hamilton Eye Institute, 930 Madison Avenue
Freeman Auditorium, Third Floor

For more information about this & other events,
please visit uthsc.edu/eye/events.php

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