From The Department Head

Autumn is often a time of reflection, a chance to pause and assess what we’ve accomplished over the preceding months while also preparing for the new year ahead.

To say the summer of 2008 was challenging for many members of the Department of Ophthalmology and Visual Sciences would be an understatement. Personal and professional losses, including the worst flooding in the history of the University of Iowa, left many feeling helpless and bewildered. Yet despite these challenges, we pulled together as an ophthalmology family and community to focus on what is most important—treating our patients, searching for cures, educating our residents and fellows, and caring for our families and each other. The compassion and commitment I’ve seen from friends and colleagues this summer truly has been inspiring.

Autumn also is a time of beginnings. In this issue, we welcome new faces among our faculty, as well as an outstanding new group of residents and fellows. At the same time, we wish our graduating residents and fellows all the best as they continue their careers across Iowa and rest of the country. We also showcase educational and clinical resources and expanded research capabilities within the department, and share news about our faculty and staff.

Best wishes for an enjoyable fall season.

Keith D. Carter, MD
Professor and Department Head
Lillian C. O’Brien and Dr. C.S. O’Brien Chair in Ophthalmology

New center set to improve study of visual fields

Research and testing in the area of visual fields provides physicians with very important information about the neurological functions of the retina, optic nerve, and brain. Despite this importance, only a handful of eye programs around the country study visual fields and perimetry.

Researchers and physicians now have greater potential to study visual fields and their use as screening and diagnostic tests through the Visual Field Reading Center recently established by the UI Department of Ophthalmology and Visual Sciences. The center provides high quality and reliable visual field data for large scale clinical trials in ophthalmology. It provides quality control of visual field tests—ensuring that the entrance visual field criteria have been followed and that the uniform testing standards continued on page 2

From the Department Head

Autumn is often a time of reflection, a chance to pause and assess what we’ve accomplished over the preceding months while also preparing for the new year ahead.

To say the summer of 2008 was challenging for many members of the Department of Ophthalmology and Visual Sciences would be an understatement. Personal and professional losses, including the worst flooding in the history of the University of Iowa, left many feeling helpless and bewildered. Yet despite these challenges, we pulled together as an ophthalmology family and community to focus on what is most important—treating our patients, searching for cures, educating our residents and fellows, and caring for our families and each other. The compassion and commitment I’ve seen from friends and colleagues this summer truly has been inspiring.

Autumn also is a time of beginnings. In this issue, we welcome new faces among our faculty, as well as an outstanding new group of residents and fellows. At the same time, we wish our graduating residents and fellows all the best as they continue their careers across Iowa and rest of the country. We also showcase educational and clinical resources and expanded research capabilities within the department, and share news about our faculty and staff.

Best wishes for an enjoyable fall season.

Keith D. Carter, MD
Professor and Department Head
Lillian C. O’Brien and Dr. C.S. O’Brien Chair in Ophthalmology

In This Issue...
Mini-medical school program ............2
Leveraging DNA sequencing horsepower ...........................................3
UI role in gene therapy breakthrough for blinding eye disease ..........3
HHMI renews Sheffield ..................4
Community celebrates eye and tissue donation.............................4
Eye research interest group ............4
EyeRounds.org ...........................5
UI serves with ORBIS ....................6-7
Pediatric ophthalmology and ophthalmic genetics professorship ..7
Arizona event for eye research ........7
Promotions and new faculty .............8
Residents and Fellows .................9-10
Distinguished Alumni Lecture ..........11
Other news and highlights ...............11
Upcoming events ..........................12
are employed across clinical trial sites. Technician training and certification on the Humphrey Field Analyzer (HFA), Humphrey Matrix Frequency Doubling Technology (FDT), and Frequency Doubling Technology perimeters are also offered through the center.

Visual field tests measure an individual’s entire scope of vision and are often used to evaluate the effectiveness of treatment of various diseases affecting vision. Testing is useful in diagnosing and monitoring ocular and neurologic diseases affecting peripheral vision. It is also used to screen and test several eye conditions, including glaucoma, ptosis (lid droop), macular degeneration, peripheral retinal diseases, and malingerers. Visual fields assess the function of the optic nerve and visual pathways to the brain, looking for tumors, brain swelling, injury, or poor circulation.

Directed by Chris Johnson, PhD, professor of ophthalmology, the new center acts as a hub for activity related to multicenter clinical trials. Activities include development of test protocols, coordination of activities among clinical centers, training and certification of technicians, quality control assessment, archiving, storage and interpretation of data, evaluation of outcomes and other related activities. UI’s Reading Center serves as a resource for medical centers, pharmaceutical companies and governmental agencies.

Dr. Johnson, who recently joined the UI faculty, is regarded as a leader in the area of visual fields. He is joined by several other faculty who have extensive experience in the development, participation, and maintenance of visual field reading centers. Michael Wall, MD, professor of neurology and ophthalmology, and Randy Kardon, MD, PhD, professor of ophthalmology, Pomerantz Family Chair in Ophthalmology and director of neuro-ophthalmology service, serve as readers for the center. Michael Abràmoff, MD, PhD, associate professor of ophthalmology, provides software development and web design for the center.

UI ophthalmology faculty featured in national and local mini-medical school program

John Fingert, MD, PhD, assistant professor of ophthalmology and visual sciences, hit the road and presented at Iowa’s first-ever national mini-medical school. Dr. Fingert, a genetics researcher and clinician in UI’s glaucoma service, joined alumni and friends of The University of Iowa in Scottsdale, Arizona, for a special presentation on age-related vision loss. The Iowa City mini-medical school featured Dr. Fingert and Mark Wilkinson, OD, clinical professor of ophthalmology and director of the vision rehabilitation service, who presented to around 200 attendees.

The mini-medical school program is designed for science educators, health consumers, students interested in careers in health care and basic sciences, retirees interested in continuing education and anyone else wishing to take a scientific exploration of health and disease. With an aging population in mind, this year’s programs included a focus on vision health. Learn more at: www.medicine.uiowa.edu/minimedicalschool
The University of Iowa Carver Family Center for Macular Degeneration will benefit from new technology that dramatically boosts both the speed and sensitivity with which DNA sequences can be decoded.

The UI and Iowa State University have each purchased “next generation” DNA sequencers, which decipher DNA sequences at the rate of millions to billions of bases in a single run but with the sensitivity to be able to detect a single molecule containing a different sequence. The two instruments each have unique capabilities and together represent the latest in DNA sequencing technology.

The Center for Macular Degeneration will be a primary user of the UI’s new Roche 454 sequencer. The instrument is a so-called “long-read” machine, capable of sequencing relatively long DNA fragments of 200 to 500 bases. This instrument will be especially useful for sequencing new genomes from scratch. It enables researchers to examine an entire gene sequence and focus on a particular gene or set of genes that are responsible for diseases.

Ophthalmology researchers will test and analyze a number of inherited retinal diseases and are partnering with faculty in the Center for Bioinformatics and Computational Biology and Coordinated Laboratory for Computational Genomics to write code that will analyze data, compare sequences, and identify and prioritize variations in genetic traits.

The University of Iowa is one of only four institutions to have a DNA refraction aleutian station, a feature of the Roche 454 that provides extensive sequencing analysis, and will initially be used for retinitis pigmentosa research.

The two machines will be available on a fee-for-service basis to researchers at both universities, other institutions, and private companies.

Researchers at The University of Iowa played a key role in a landmark gene therapy breakthrough reported in April in the New England Journal of Medicine. The study reported improvement in vision following gene transfer to the retina in three patients with an inherited form of blindness known as Leber congenital amaurosis or LCA.

The study was conducted at the Children’s Hospital of Philadelphia by an international team led by the University of Pennsylvania, the Children’s Hospital of Philadelphia, the Second University of Naples and the Telethon Institute of Genetics and Medicine, the UI, and several other American institutions.

This was the first report of successful gene therapy of an inherited eye disease in humans.

Edwin Stone, MD, PhD, UI professor of ophthalmology and visual sciences and a Howard Hughes Medical Institute investigator, led the genetic testing portion of the study. Stone’s group developed a method for distinguishing disease-causing mutations from benign genetic variants, and this method was used to choose the patients who were treated in the gene therapy study. The Iowa group also developed a highly efficient nonprofit testing strategy that has allowed genetic testing for LCA to be offered on a national scale.
Sheffield renewed as Howard Hughes Medical Institute investigator

Val Sheffield, MD, PhD, professor of pediatrics who holds the Martin and Ruth Carver Chair in Genetics has been renewed through August 2013 as an investigator of the Howard Hughes Medical Institute (HHMI).

Sheffield, who also holds an appointment in ophthalmology, was first appointed as an associate HHMI investigator in 1997 and promoted to full HHMI investigator in 2003. His research focuses on identifying and understanding genes that cause a number of human diseases such as glaucoma, autism, scoliosis, congenital heart defects, and several hereditary eye diseases.

Community gathers to celebrate eye and tissue donation

Donor recipients, donor family members, and UI ophthalmology faculty and staff celebrated the gift of sight through donation at the Iowa Lions Eye Bank Spring Dedication Ceremony held in the Iowa Lions Donor Memorial & Healing Garden. The Garden serves as a place for reflection and hope for patients. It is generously support by the Iowa Lions Clubs and many others.

Interest group meets to foster eye research

Faculty, researchers, and students from across The University of Iowa who share an interest in eye diseases gathered at the Herbert Hoover Presidential Library in West Branch, Iowa, for the Inaugural Eye Interest Research Group meeting. The interdisciplinary group, featuring representatives from the colleges of Medicine, Engineering, and Liberal Arts and Sciences, met to discuss ideas and research findings and to launch new collaborative projects focused on a number of eye diseases.

“It was great to step out of the lab and discuss research findings with colleagues from different areas,” said Stewart Thompson, PhD, post-doctoral fellow in the Molecular Ophthalmology Laboratory. He added, “We expect this event to continue to grow in the future as we involve more people inside and outside of The University of Iowa.” Funding of the event was made possible by the Grousbeck Family Foundation.

Val Sheffield, MD, PhD, professor of pediatrics who holds the Martin and Ruth Carver Chair in Genetics has been renewed through August 2013 as an investigator of the Howard Hughes Medical Institute (HHMI). Sheffield, who also holds an appointment in ophthalmology, was first appointed as an associate HHMI investigator in 1997 and promoted to full HHMI investigator in 2003. His research focuses on identifying and understanding genes that cause a number of human diseases such as glaucoma, autism, scoliosis, congenital heart defects, and several hereditary eye diseases.

Community gathers to celebrate eye and tissue donation

Donor recipients, donor family members, and UI ophthalmology faculty and staff celebrated the gift of sight through donation at the Iowa Lions Eye Bank Spring Dedication Ceremony held in the Iowa Lions Donor Memorial & Healing Garden. The Garden serves as a place for reflection and hope for patients. It is generously support by the Iowa Lions Clubs and many others.

Interest group meets to foster eye research

Faculty, researchers, and students from across The University of Iowa who share an interest in eye diseases gathered at the Herbert Hoover Presidential Library in West Branch, Iowa, for the Inaugural Eye Interest Research Group meeting. The interdisciplinary group, featuring representatives from the colleges of Medicine, Engineering, and Liberal Arts and Sciences, met to discuss ideas and research findings and to launch new collaborative projects focused on a number of eye diseases.

“It was great to step out of the lab and discuss research findings with colleagues from different areas,” said Stewart Thompson, PhD, post-doctoral fellow in the Molecular Ophthalmology Laboratory. He added, “We expect this event to continue to grow in the future as we involve more people inside and outside of The University of Iowa.” Funding of the event was made possible by the Grousbeck Family Foundation.
Ophthalmology Morning Rounds at The University of Iowa is a tradition that dates back to the department’s first chairman, Dr. Cecil Starling O’Brien. While the location of this meeting may have changed throughout the years, faculty and residents still meet each morning to discuss clinical cases and ocular science updates. Iowa’s long-standing dedication to this time-honored tradition creates a learning opportunity that is second to none. Ophthalmologists who have trained at the UI remember Morning Rounds with fondness. With today’s technology, this exceptionally valuable educational information is now being shared with the world through EyeRounds.org.

EyeRounds.org is a freely available educational website that provides a portal for patients and practitioners from around the world to benefit from the topics discussed at the Grand Rounds of a nationally recognized leader in ophthalmology. In addition to providing content for patients, medical students, and physicians of all specialties, Department Chair Keith Carter, MD, and Residency Program Director Thomas Oetting, MD, view the site as a way to bolster the residency curriculum. After resident and fellow physicians have studied a particularly classic and interesting case, researched the topic, and gathered feedback from faculty and peers during presentation at rounds, they organize the case presentation and submit it to an internal peer-review board consisting of faculty, fellows, and residents. If accepted for e-publication, the case presentation with related images and videos are posted live on EyeRounds.org.

EyeRounds.org was founded in 2003 by the combined vision of former chairman Thomas Weingeist, PhD, MD, Thomas Oetting, MD, and former resident Andrew Doan, PhD, MD. The site’s origination and continuation are attributable to the generous support of Iowa alumni through the Iowa Eye Association and an unrestricted educational grant from Allergan. The site receives thousands of visits per day from users around the world. There have been over 2 million visits to date by visitors who have benefited from over 100 clinical case discussions, high-quality videos, clinical and surgical images, and dozens of tutorials. Recent additions to the site include tutorials on cataract surgery, photographs and descriptions of intraocular surgical instruments used at the UI, and a rapidly growing ophthalmic image atlas.

The Editorial Board, consisting of Trish Duffel, RPh, MA, Nandini Gandhi, MD, Jordan Graff, MD, Tom Oetting, MD, Matt Rauen, MD, Brock Roller, MD and Thomas Weingeist, PhD, MD, is always searching for ways to improve the value of the site. “We continue to look to the incoming residents for novel ideas and content,” comments Chief Medical Editor of Eyerrounds.org and Vitreoretinal Fellow Dr. Jordan Graff. “It has been exciting to watch the popularity of the site grow throughout the world.”

For more information, please contact: Trish Duffel, Executive Director and Editor of EyeRounds.org (trish-duffel@uiowa.edu, 319-356-2191).

story by Matt Rauen, MD and Jordan Graff, MD
The Big Ten is competitive but conference schools will team up for the right cause. Representatives from several Big Ten schools, including The University of Iowa, participated earlier this year in a volunteer effort organized by ORBIS International to help physicians in Vietnam improve how they treat and prevent blindness and other serious eye conditions.

Two UI Health Care ophthalmologists completed one-week trips in the spring on the ORBIS Flying Eye Hospital—a state-of-the-art clinical and teaching facility housed on a DC-10 aircraft—and in local hospital settings in Da Nang. They trained Vietnamese doctors in the latest diagnostic and surgical techniques—from treating cataracts, to assessing glaucoma, to rebuilding eye sockets.

Keith Carter, MD, head of UI ophthalmology and visual sciences, served on the recent trip, his third for ORBIS and first-ever to Vietnam. He led training in oculoplastics, which is surgery to repair or rebuild eye socket bones and surrounding skin and mucous membranes.

“It was a very positive trip. We contacted our host city physicians ahead of time to learn about the case mix, and once there, trained them so they can best take care of their own patients,” said Carter, who performed 10 surgeries on the trip. “It’s inspiring to be able to share expertise that we take for granted here.”

ORBIS International began in the 1970s when Dr. David Paton, head of ophthalmology at Baylor College of Medicine in Texas, recognized that high costs of tuition and international visits prevented most doctors and nurses in developing countries from participating in overseas training. Even if study abroad was affordable, direct clinical experiences were limited because licensing laws often prevented them from performing surgery. His solution was a mobile teaching hospital, and by partnering with United Airlines, FlightSafety International and others aviation giants, the first ORBIS plane, a DC-8, made its inaugural trip to Panama in 1982.

The latest ORBIS plane includes a fully-equipped operating theater and a 48-seat auditorium where physicians and other health professionals can watch live broadcasts of surgeries.

“The ORBIS plane is like operating here at the UI. There also are recovery and exam rooms,” Carter said. “The city hospital in Da Nang was functional but not as equipped.”

Indeed, there is often quite a contrast between host city hospitals and the ORBIS plane, notes Jeffrey Nerad, MD, professor of ophthalmology, whose first ORBIS trip was in 1985 to Swaziland. Since then he’s done surgery or lectured in more than 30 countries, including many ORBIS trips.

“ORBIS is more about teaching than service. Although we help specific patients, which is wonderful, ORBIS provides learning opportunities for doctors who wouldn’t otherwise have them and helps them set new goals, all to provide better care for their patients,” said Nerad, who is an expert in eye plastic surgery.

On a trip to Albania, Nerad helped train an ophthalmologist for whom he later set up a four-month training at the UI. Like Carter, he points out that U.S. doctors also get something important out of the experience. “We see things that we wouldn’t see here in the United States, such as orbital cancers that have gone untreated,” Nerad said. “It’s a good experience to get early in your career.”

Young H. Kwon, MD, PhD, associate professor of ophthalmology specializing in glaucoma, who served on the recent Vietnam trip and two previous ORBIS trips, also found the experience valuable.

To help the Vietnamese physicians improve their ability to diagnose glaucoma, ORBIS donated Goldmann tonometers, which measure eye pressure accurately. Kwon also provided the physician with continued, next page
The Department of Ophthalmology and Visual Sciences and the John and Marcia Carver Nonprofit Genetic Testing Laboratory have created the Ronald V. Keech, M.D. Professorship in Ophthalmic Genetics to support a faculty member specializing in pediatric ophthalmology and ophthalmic genetics. The Keech professorship was established in February 2008 through the generosity of the Carver Family to memorialize and recognize Dr. Keech’s outstanding career in, and contributions and service to pediatric ophthalmology.

Ronald V. Keech, MD, came to The University of Iowa in 1978 as a fellow in pediatric ophthalmology and subsequently joined the faculty in 1985. In 1990, he was made an associate professor and in 1995 was promoted to full professor. He then took over duties as service director of Pediatric Ophthalmology after the retirement of William E. Scott, MD. From 2001 until his death in 2007, he held the William E. Scott Chair for Education in Pediatric Ophthalmology.

Dr. Keech made many contributions to his field and was recognized with a number of awards. His primary areas of research interest included eye movement disorders, pediatric cataracts, pediatric aphakic glaucoma, amblyopia and amblyopia treatment, neurologic implications of acquired esotropia, and the genetic basis of strabismus. In his 22 years as a faculty member at Iowa, he received numerous federal and NIH College of Medicine Grants, presented 127 invited lectures, conference presentations, and visiting professorships, and published 20 book chapters and 55 peer-reviewed papers.

The Keech professorship allows Iowa to recruit and retain a leader in the field of ophthalmic genetics; thus elevating its premier and unique position in the field of pediatric ophthalmology. Support for the professorship has come from generous family members. The department welcomes additional gifts from friends and colleagues whose personal and professional lives have been touched by Ron as the department continues his memory.

Over 100 guests joined Chicago Cubs first baseman Derrek Lee (far right) in Scottsdale, Arizona, in March for a special evening of hope, education and inspiration. Lee joined Edwin Stone, MD, PhD (near right), from the UI Carver Family Center for Macular Degeneration for a fundraising event that raised $140,000 toward genetic testing and research for cures to Leber congenital amaurosis and other blinding eye diseases.

ORBIS, continued from p. 6

whom he worked, Dr. Luu Thi Thanh Tam, a set of DVDs of glaucoma surgery that he has produced at the UI, so she can use them to learn and teach other physicians.

In addition, to Carter, Kwon and Nerad, other UI ophthalmologists who have volunteered for ORBIS include Lee Alward, MD, Kenneth Goins, MD, and Stephen Russell, MD, who alone has served on 16 ORBIS trips.

There is something you can do

The University of Iowa Department of Ophthalmology and Visual Sciences is proud to be recognized as one of the best eye care programs in the country. Private support allows us to sustain and increase our margin of excellence in patient care, education and research in ophthalmology and the visual sciences.

If you are interested in supporting our mission and learning about how your contribution can have an impact, please contact:

Mitch Beckman
Executive Director of Development
UI Foundation
800-648-6973 or mitch-beckman@uiowa.edu

Or visit:
www.givetoiowa.org/eye
The UI Department of Ophthalmology and Visual Sciences welcomes the addition of several new faculty members in 2008

Arlene Drack, MD  
Associate Professor  
Pediatric ophthalmology and strabismus and genetics  
Clinical and research interests include pediatric eye disease, molecular ophthalmology, adult and pediatric strabismus, and the genetics of eye disease.

Reid Longmuir, MD  
Assistant Professor  
Comprehensive, glaucoma and neuro-ophthalmology  
Clinical and research interests include optic nerve hypoplasia, glaucoma, and visual field testing.

William J. Kimberling, PhD  
Visiting Professor  
PhD  
Medical genetics  
Research interests include gene linkage and localization, molecular genetics, clinical genetics, population genetics, genetics of communication disorders, and the genetics of complex traits.

Chris Johnson, PhD  
Professor  
Visual field testing and perimetry  
Interests include visual field testing and psychological evaluation of glaucoma and retinal diseases, development of automated diagnostic test procedures, visual factors related to task performance.

Susannah Longmuir, MD  
Assistant Professor  
Pediatric ophthalmology and strabismus  
Clinical and research interests include methods of vision screening in infants, aphakic glaucoma, and structural and functional changes in the optic nerve and retina in amblyopia.

Vinit Mahajan, MD, PhD  
Assistant Professor  
Retina/vitreous  
Clinical and research interests include proteomics, genomics of vitreoretinal disease and molecular genetics of inherited vitreo-retinal disease.

Promotions  
Michael Abràmoff, MD, PhD, and Todd E. Scheetz, PhD have been promoted to Associate Professor of Ophthalmology  
Patricia A. Kirby, MD, and Young H. Kwon, MD, PhD, have been promoted to Professor of Ophthalmology.

Promotions  
Michael Abràmoff, MD, PhD, and Todd E. Scheetz, PhD have been promoted to Associate Professor of Ophthalmology  
Patricia A. Kirby, MD, and Young H. Kwon, MD, PhD, have been promoted to Professor of Ophthalmology.

Promotions  
Michael Abràmoff, MD, PhD, and Todd E. Scheetz, PhD have been promoted to Associate Professor of Ophthalmology  
Patricia A. Kirby, MD, and Young H. Kwon, MD, PhD, have been promoted to Professor of Ophthalmology.

Promotions  
Michael Abràmoff, MD, PhD, and Todd E. Scheetz, PhD have been promoted to Associate Professor of Ophthalmology  
Patricia A. Kirby, MD, and Young H. Kwon, MD, PhD, have been promoted to Professor of Ophthalmology.

Promotions  
Michael Abràmoff, MD, PhD, and Todd E. Scheetz, PhD have been promoted to Associate Professor of Ophthalmology  
Patricia A. Kirby, MD, and Young H. Kwon, MD, PhD, have been promoted to Professor of Ophthalmology.

Promotions  
Michael Abràmoff, MD, PhD, and Todd E. Scheetz, PhD have been promoted to Associate Professor of Ophthalmology  
Patricia A. Kirby, MD, and Young H. Kwon, MD, PhD, have been promoted to Professor of Ophthalmology.

Promotions  
Michael Abràmoff, MD, PhD, and Todd E. Scheetz, PhD have been promoted to Associate Professor of Ophthalmology  
Patricia A. Kirby, MD, and Young H. Kwon, MD, PhD, have been promoted to Professor of Ophthalmology.

Promotions  
Michael Abràmoff, MD, PhD, and Todd E. Scheetz, PhD have been promoted to Associate Professor of Ophthalmology  
Patricia A. Kirby, MD, and Young H. Kwon, MD, PhD, have been promoted to Professor of Ophthalmology.

Promotions  
Michael Abràmoff, MD, PhD, and Todd E. Scheetz, PhD have been promoted to Associate Professor of Ophthalmology  
Patricia A. Kirby, MD, and Young H. Kwon, MD, PhD, have been promoted to Professor of Ophthalmology.

Promotions  
Michael Abràmoff, MD, PhD, and Todd E. Scheetz, PhD have been promoted to Associate Professor of Ophthalmology  
Patricia A. Kirby, MD, and Young H. Kwon, MD, PhD, have been promoted to Professor of Ophthalmology.

Promotions  
Michael Abràmoff, MD, PhD, and Todd E. Scheetz, PhD have been promoted to Associate Professor of Ophthalmology  
Patricia A. Kirby, MD, and Young H. Kwon, MD, PhD, have been promoted to Professor of Ophthalmology.

Promotions  
Michael Abràmoff, MD, PhD, and Todd E. Scheetz, PhD have been promoted to Associate Professor of Ophthalmology  
Patricia A. Kirby, MD, and Young H. Kwon, MD, PhD, have been promoted to Professor of Ophthalmology.

Promotions  
Michael Abràmoff, MD, PhD, and Todd E. Scheetz, PhD have been promoted to Associate Professor of Ophthalmology  
Patricia A. Kirby, MD, and Young H. Kwon, MD, PhD, have been promoted to Professor of Ophthalmology.

Promotions  
Michael Abràmoff, MD, PhD, and Todd E. Scheetz, PhD have been promoted to Associate Professor of Ophthalmology  
Patricia A. Kirby, MD, and Young H. Kwon, MD, PhD, have been promoted to Professor of Ophthalmology.

Promotions  
Michael Abràmoff, MD, PhD, and Todd E. Scheetz, PhD have been promoted to Associate Professor of Ophthalmology  
Patricia A. Kirby, MD, and Young H. Kwon, MD, PhD, have been promoted to Professor of Ophthalmology.

Promotions  
Michael Abràmoff, MD, PhD, and Todd E. Scheetz, PhD have been promoted to Associate Professor of Ophthalmology  
Patricia A. Kirby, MD, and Young H. Kwon, MD, PhD, have been promoted to Professor of Ophthalmology.

Promotions  
Michael Abràmoff, MD, PhD, and Todd E. Scheetz, PhD have been promoted to Associate Professor of Ophthalmology  
Patricia A. Kirby, MD, and Young H. Kwon, MD, PhD, have been promoted to Professor of Ophthalmology.

Promotions  
Michael Abràmoff, MD, PhD, and Todd E. Scheetz, PhD have been promoted to Associate Professor of Ophthalmology  
Patricia A. Kirby, MD, and Young H. Kwon, MD, PhD, have been promoted to Professor of Ophthalmology.

Promotions  
Michael Abràmoff, MD, PhD, and Todd E. Scheetz, PhD have been promoted to Associate Professor of Ophthalmology  
Patricia A. Kirby, MD, and Young H. Kwon, MD, PhD, have been promoted to Professor of Ophthalmology.

Promotions  
Michael Abràmoff, MD, PhD, and Todd E. Scheetz, PhD have been promoted to Associate Professor of Ophthalmology  
Patricia A. Kirby, MD, and Young H. Kwon, MD, PhD, have been promoted to Professor of Ophthalmology.

Promotions  
Michael Abràmoff, MD, PhD, and Todd E. Scheetz, PhD have been promoted to Associate Professor of Ophthalmology  
Patricia A. Kirby, MD, and Young H. Kwon, MD, PhD, have been promoted to Professor of Ophthalmology.

Promotions  
Michael Abràmoff, MD, PhD, and Todd E. Scheetz, PhD have been promoted to Associate Professor of Ophthalmology  
Patricia A. Kirby, MD, and Young H. Kwon, MD, PhD, have been promoted to Professor of Ophthalmology.

Promotions  
Michael Abràmoff, MD, PhD, and Todd E. Scheetz, PhD have been promoted to Associate Professor of Ophthalmology  
Patricia A. Kirby, MD, and Young H. Kwon, MD, PhD, have been promoted to Professor of Ophthalmology.

Promotions  
Michael Abràmoff, MD, PhD, and Todd E. Scheetz, PhD have been promoted to Associate Professor of Ophthalmology  
Patricia A. Kirby, MD, and Young H. Kwon, MD, PhD, have been promoted to Professor of Ophthalmology.
The Department welcomes our incoming Residents and Fellows

**New Residents:**

- **Emily S. Birkholz, MD**  
  University of Minnesota Medical School

- **Jason P. Brinton, MD**  
  Harvard Medical School

- **Leslie T.L. Pham, MD**  
  Brown University Medical School

- **Brian K. Privett, MD**  
  University of Missouri, Columbia

- **Gina M. Rogers, MD**  
  Rush Medical School

- **Janet Tsui, MD**  
  University of California, San Francisco

**New Fellows:**

- **Maneesh K. Mehan, MD**  
  Cornea / External Disease  
  The Ohio State University, MD
  Ophthalmology Residency, University of Missouri, Columbia

- **Mansi Parikh, MD**  
  Glaucoma
  Jefferson Medical College, MD
  Ophthalmology Residency, University of Illinois, Chicago

- **Alejandro Leon, MD**  
  Pediatric Ophthalmology
  Pontificia Universidad Javeriana, Bogotá, Colombia, MD
  Ophthalmology Residency, Vanderbilt University Medical Center

- **Juan Fernandez de Castro, MD**  
  Ocular Pathology
  Universidad El Bosque, Columbia, Medical Surgeon Diploma
  Internship, Ophthalmology, Simon Bolivar Hospital

- **Audrey C. Ko**  
  Molecular Ophthalmology Laboratory / Doris Duke Research Fellow
  Medical Student, University of Iowa Carver College of Medicine

- **Mansoor Mughal, MD**  
  Neuro-Ophthalmology
  Cambridge Univ. School of Medicine, MA
  (Neuroscience) & MB BChir. Ophthalmology Residency, Hereford Hospital, Birmingham & Midland Eye Centre, Torquay Hospital, Taunton Hospital

- **Fabiana C. Policeni, MD**  
  Neuro-Ophthalmology
  Severino Sombra Univ, College of Medicine, Vassouras, Rio de Janeiro, MD; Ophthalmology Internship, Juiz de Fora Univ. Hospital, Minas Gerais, Brazil; Ophthalmology Residency, Benjamin Constant Inst, Rio de Janeiro

- **Jill Melicher, MD**  
  Oculoplastic and Orbital Surgery
  University of North Dakota School of Medicine and Health Sciences, MD
  Ophthalmology Residency, University of Minnesota Medical School

- **KoriAnne Galler, MD**  
  Vitreoretinal Diseases and Surgery
  Tulane University School of Medicine, MD
  Ophthalmology Residency, Vanderbilt University, Nashville, TN

- **Rizwan Somani, MD**  
  Vitreoretinal Diseases and Surgery
  University of Western Ontario, MS Neuroscience, University of Toronto, MD; Ophthalmology Residency, Chief Resident, University of Alberta
Congratulations to our 2008 Resident and Fellow graduates!

Adel Alsuhaibani, MBBS
Oculoplastic Surgery Fellow
King Abdulaziz University Hospital in Riyadh, Saudi Arabia

Adam G. de la Garza, MD
Oculoplastic Surgery Fellow
Clinical Assistant Professor of Ophthalmology, Dean McGee Eye Institute, University of Oklahoma

Jason C. Friedrichs, MD
Resident
Private practice at DeKalb Clinic in DeKalb, IL

Edward H. Hu, MD
Resident
Private practice at Delaware Eye Care Center

Yian Jin Jones, MD
Resident
Private practice

Michael C. Johnson, MD
Neuro-Ophthalmology Fellow
University of Alberta in an academic position

Anna S. Kitzmann, MD
Cornea, External Disease and Refractive Surgery Fellow
Assistant Professor at the Cleveland Clinic in Cleveland, OH

Reid Longmur, MD
Glaucoma Fellow
Assistant Professor of Ophthalmology at The University of Iowa

Susannah Q. Longmuir, MD
Pediatric Ophthalmology Fellow
Assistant Professor of Ophthalmology at The University of Iowa

Vinit B. Mahajan, MD, PhD
Vitreoretinal Surgery Fellow
Assistant Professor of Ophthalmology at The University of Iowa

Michael D. Radosevich, MD
Vitreoretinal Surgery Fellow

Colin J. Scott, MD
Neuro-Ophthalmology Fellow
Second residency at Nassau University Medical Center in Long Island, NY

Andrew C.G. Steffensmeir, MD
Resident
Private practice at Des Moines Eye Surgeons in West Des Moines, IA

Nathan Troy Tagg, MD
Neuro-Ophthalmology Fellow
Walter Reed Army Medical Center, Washington, DC, and Bethesda Naval Hospital, Bethesda, MD

Paula Wynn, MD
Resident
Vitreoretinal fellowship, University of California, San Francisco
Malcolm L. Mazow, MD (’66, residency), returned to Iowa City to be recognized for his lifetime achievements as the department’s Distinguished Alumni Lecturer for 2008.

Dr. Mazow (pictured below, left), the first Walter and Ruth Sterling professor in ophthalmology at The University of Texas Medical School in Houston, fondly recalled his time in Iowa City and at The University of Iowa. “The advanced strabismus training at Iowa and mentoring of Dr. (Hermann) Burian really helped shape my interest in brightness contrast in the normal and amblyopic eye. The friendships I have with many colleagues and long time friends in the department allow me to stay in touch with their eye program.”

Project 3000 and the UI Department of Ophthalmology and Visual Sciences reached television audiences across the Midwest and beyond when the Project 3000 video produced by The University of Iowa aired on the Big Ten Network over the summer.

The University of Iowa and the Iowa City-Coralville community experienced widespread and unprecedented damage as a result of the historic flood of 2008. Despite the UI suffering nearly $230 million in damage to at least 20 buildings, UI Hospitals and Clinics was able to limit patient disruption and maintain its mission of patient care. The ophthalmology department treated a number of flood-related eye injuries and infections and was one of the first departments to resume a full clinic schedule.

Photos courtesy of UI News Service. Additional photos at http://tinyurl.com/55oyzc
Join us in Iowa City for our Clinical Conference Series where we explore and discuss relevant and interesting clinical topics in Ophthalmology. Check our website for the latest dates, topics, and registration information. (http://tinyurl.com/UIowaClinConf)

The 2008-2009 Clinical Conference series includes:
- **October 31, 2008**  Oculoplastic Surgery
- **December 5, 2008**  Neuro-ophthalmology
- **February 6, 2009**  Pediatric Ophthalmology
- **March 6, 2009**  Cornea
- **April 3, 2009**  Glaucoma
- **October 2-4, 2008**  Ophthalmic Genetics Meeting, Iowa City
- **October 10-11, 2008**  CLSA, Basic Clinical Course, Iowa City
- **November 9, 2008**  Iowa Eye Association Alumni Reception, AAO Annual Meeting, The Commerce Club, Lane Room, Atlanta, 6:30-9:30 pm
- **November 21-22, 2008**  CLSA, Advanced Clinical Course, Iowa City
- **May 1, 2009**  Eleventh Annual Optometric Conference, Iowa City
- **May 15, 2009**  Resident and Fellow Research Day, Iowa City
- **June 18-19, 2009**  Iowa Eye Association Annual Meeting with Accompanying Nurse/Technician Conference, Iowa City

If you are interested in receiving this publication or other department news electronically, please send an email to: iowaeyecare@uiowa.edu