

Iowa Vision



Department of Ophthalmology and Visual Sciences

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Photo by Charlie Anderson, The Daily Iowan

UI team discovers new inherited eye disease

Iniversity of Iowa researchers have found the existence of a new, rare inherited retinal disease. Now the search is on to find the genetic cause, which investigators hope will increase understanding of more common retinal diseases. The findings appeared in the Nov. 9 issue of the *Archives of Ophthalmology*.

The macula, located within the retina, is an area of high-resolution central vision that is needed to read or drive, for example. This area is damaged in more common retinal conditions such as macular

degeneration and can be damaged by diabetes.

"It is rare to find a new inherited eye disease that affects the macula. We thought we had seen them all," said the study's lead author Vinit Mahajan, MD, PhD, assistant professor of ophthalmology and visual sciences at the UI Roy J. and Lucille A. Carver College of Medicine (pictured). "This newly found retinal disease causes abnor-



mal blood vessels in the macula, and these vessels are prone to bleeding. This causes swelling or scars that 'black out' or blur parts of the field of vision," said Mahajan, who also is a retinal specialist with UI Hospitals and Clinics.

The finding came about when one person in a family in the United States sought care for eye problems. "If a doctor saw

continued on page 2

Fifteen UI ophthalmology physicians among "Best Doctors in America"

The UI Department of Ophthalmology and Visual Sciences has 15 physicians among the 2009-10 "Best Doctors in America". This year's list includes Wallace Alward, H. Culver Boldt, Keith Carter, Arlene Drack, James Folk, Kenneth Goins, A. Tim Johnson, Randy Kardon, Young Kwon, Vinit Mahajan (newly added), Thomas Oetting, Stephen Russell, Edwin Stone, Michael Wall, and Thomas A. Weingeist.



Inherited Eye Disease continued from page 1

just one family member, they would probably call this macular degeneration. We knew there was something different, and we had to examine the rest of the family," Mahajan said.

The team assessed 20 extended family members who were not blind but had visual problems of different severities. Some family members also had areas of central vision loss, and some family members had strabismus, a disorder in which the eyes are not aligned.

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Contributors: Becky Soglin

The UI researchers have presented their findings at international meetings of retinal specialists in Arizona, Florida and London. The investigators are now working with researchers worldwide to determine if other people have this particular disease. "Through our paper and by sharing pictures of what the affected eye looks like, we hope to find more people affected," Mahajan said. "We also will work to find the gene that causes the condition. This information could be very useful in eventually prevent-

ing or treating this and other diseases that affect the macula." The advanced genetics research capabilities at the UI Carver Family Center for Macular Degeneration increase the likelihood of finding a gene, Mahajan said.

The study's senior author was **Edwin Stone**, **MD**, **PhD**, Howard Hughes Medical Institute investigator and professor of ophthalmology and visual sciences. **Stephen Russell**, **MD**, professor of ophthalmology and visual sciences, also contributions.

uted to the study.

The study was supported in part by grants from the Foundation Fighting Blindness and Research to Prevent Blindness.



Jean Andorf, research assistant in the Molecular Ophthalmology Laboratory, reviews data with Vinit Mahajan, MD, PhD

University of lowa climbs in peer survey

Results of the 2009 Ophthalmology Times Best Programs survey are out. The University of Iowa climbed in the rankings and remains among the best in the country. Survey marks include

Ophthalmology Times

- 5th Best Overall (was 8th)
- 4th Best Clinical (Patient Care) (was 8th)
- 4th Best Residency Program (was 4th)
- 6th Best Research (was Honorable Mention)

The University of Iowa was also recently featured among the publication's "Clinical Centers of Excellence".

June 17-18 set for Iowa Eye Association Meeting

Ohthalmologists and department alumni are encouraged to attend the Iowa Eye Association Annual Meeting this year in Iowa City. This year's meeting features outstanding lecturers, including:

- Joel S. Schuman, MD, University of Pittsburgh Medical Center (Wolfe Foundation Lecture)
- **Albert Maguire, MD**, Scheie Eye Institute, University of Pennsylvania (Alson E. Braley Lecture)

Socialize with colleagues during the Thursday poker tournament and Friday evening banquet. More information and registration may be found online at **http://webeye.ophth.uiowa.edu** or by contacting Pat Zahs at 319-356-4475 or patricia-zahs@uiowa.edu

First in the nation for DMEK graft procedure

The Iowa Lions Eye Bank (ILEB) recently became the first eye bank in the nation to prepare tissue grafts for Descemet's Membrane Endothelial Keratoplasty (DMEK), a corneal transplantation procedure used by surgeons across the country.

For many years, doctors used a technique known as a full-penetrating keratoplasty. This procedure involved transplanting the entire cornea. ILEB staff are now able to remove and prepare a single layer of cells from a donor cornea for use in transplantation. Replacing only the tissue that is failing means the recipient is able to keep more of their existing cornea. This allows for improved and expedited visual outcomes. According to ILEB Medical Director, **Kenneth Goins, MD**, "The future of endothelial keratoplasty is promising

because early DMEK results are showing best corrected visions of 20/25 or better in 75 percent of eyes (Ham, 2009)" The new procedure has the potential to help the roughly 40,000 patients who receive cornea transplants each year.

If you would like to receive more information on this new and innovative procedure, please call the Iowa Lions Eye Bank at 319-356-2871.



Reference

Ham L, et al.Descemet membrane endothelial keratoplasty (DMEK) for Fuchs endothelial dystrophy: review of the first 50 consecutive cases. Eye 2009;23(10):1990-8.



Iowa Lions Eye Bank technician, Greg Schmidt prepares tissue for surgery. Photo by Charlie Anderson, *The Daily Iowan*

Helping lowa's troops fulfill their mission

Soldiers face a challenging environment and a number or risks associated with wearing glasses and contacts while fulfilling their duties in Iraq and Afghanistan. For some, laser correction surgery offers a way to minimize these risks and equip soldiers to more effectively and safely accomplish their mission.

Physicians from the UI Cornea and External Diseases service participated in "Sight for Soldiers", a statewide effort coordinated by the Iowa Academy of Ophthalmology that provides discounted rates on laser correction surgery to Iowa National Guard soldiers who are scheduled to deploy to Iraq and Afghanistan.

University of Iowa Hospitals and Clinics is one of several ophthalmology practices

across the state participating in the program. "We are pleased to help support our troops in this way, particularly knowing that the surgery will offer increased safety in their combat duties in Afghanistan and will be of lasting visual benefit to them when they return to civilian life," said **Michael Wagoner, MD, PhD**, professor of ophthalmology.





Pfc. Abraham Saleh being evaluated for and undergoing laser correction surgery by Dr. Michael Wagoner.

Spotlight on education

Department releases new video presentation system

Many alumni and members of the Iowa Eye Association expressed an interest in accessing educational and meeting content via the Internet. We listened and are pleased to offer a website that provides a wealth of content available from the department of ophthalmology and visual sciences. A website has been created which offers access to OKAP review lectures, BCSC lectures, Clinical Conference presentations, Iowa Eye Association Meeting presentations, and more.

Users of the site are able to simultaneously view Powerpoint lectures, video and audio streams of presenters, and notes that correspond to each presentation. The Ophthalmology Video/Imaging Content Management System website can be found at http://eyevideo.ophth.uiowa.edu

Use is complimentary for alumni and members of the Iowa Eye Association but individuals will need to request an account and password in order to access the website. Registration is available on-line at http://eyevideo.ophth.uiowa.edu

Give it a try and let us know what you think!

Enter keywords. SEARCH Department of Ophthalmology HOSPITALS&CLINICS and Visual Sciences Home Contact Us Logout Gallery Page ▶ Iowa Eve 2009 Displaying 1 - 11 of 11 Iowa Eye 2009 Search Your Account Select: All / None Actions with Selected: 🛟 Add To Lightbox Other Actions: 😭 Show Most Popular Logout onail Layout: Show Tools | Hide Caption | Show Extended Caption Department of Ophthalmology HOSPITALS&CLINICS and Visual Sciences

Eyerounds hits century mark

The free educational portal for ophthalmologists and ophthalmologists-in-training, EyeRounds.org, reached a milestone in January 2010. The popular website, which receives nearly 5,000 visits per week from around the world, has posted several new cases bringing the total number of available cases and tutorials past 100. New content includes cases about Recurrent Neuroretinitis, Iris-Ciliary Body Melanoma, Orbital Cellulitis in a Child, Silent Sinus Syndrome, and the first in a series of cases about gene-associated eye diseases. Check out all the latest content at:

http://www.eyerounds.org

Thank you to the Iowa Eye
Association for their continued support of the education mission of the University of Iowa Department of Ophthalmology and Visual Sciences.



Research news

NIH access will aid glaucoma genetics research at UI

University of Iowa research team was recently awarded access to the genotyping resources at the Center for Inherited Disease Research, which is supported by 14 institutes of the National Institutes of Health.

The access -- valued at more than \$750,000 -- gives a boost to UI research to find genetic factors associated with glaucoma. The access will dramatically accelerate the speed with which the team, led by **John Fingert, MD, PhD**, assistant professor of ophthalmology, can achieve its goal of finding new glaucoma genes.

Other participating UI investigators are **Todd Scheetz, PhD**, in ophthalmology and visual sciences; **Jian Huang, PhD**,

in statistics and actuarial science; and **Kai Wang**, **PhD**, in biostatistics. In addition, the project involves the Ocular Hypertension Treatment Study and investigators at Washington University.

Glaucoma is the second leading cause of irreversible blindness in the United States and the leading cause among African-Americans.

Ruth Carver Chair in Genetics.



Carver Biomedical Research Building at the University of Iowa houses the Glaucoma Genetics Lab

To learn more about genetic research of glaucoma at UI visit:

http://webeye.ophth.uiowa.edu/GlaucomaCenter

Research to Prevent Blindness renews UI support

Research to Prevent Blindness has awarded a \$100,000 grant to support University of Iowa Department of Ophthalmology and Visual Sciences research aimed at understanding, preventing and treating blinding diseases such as macular degeneration and glaucoma. To date, Research to Prevent Blindness has awarded the department grants totaling more than \$3.5 million in research support to UI investigators.

SUPPORTED BY

Research to Prevent Blindness



Interdisciplinary approach to retinal disease gene identification receives ARRA funding

University of Iowa researchers were awarded \$667,195 through The American Recovery and Reinvestment Act (ARRA) for a project seeking to identify the genes that cause human retinal degeneration. Research will be led by Val Sheffield, MD, PhD, professor of pediatrics and ophthalmology, and involve Markus Kuehn, PhD, assistant professor of ophthalmology and visual sciences, and colleagues from the UI Center for Bioinformatics and Computational Biology. Dr. Sheffield is a Howard Hughes Medical Institute investigator and holds the Martin and

The project specifically seeks to identify genes that cause a syndromic form of photo-receptor degeneration known as Bardet-Biedl Syndrome, as well as autosomal recessive retinitis pigmentosa.



Val C. Sheffield, MD, PhD



Markus H. Kuehn, PhD

Hancher world premiere explores blindness



Photo by Kirk Murray, UI University Relations

unique collaboration
involving University of
Iowa Hancher Auditorium, the
Carver Family Center for Macular
Degeneration, the Carver College
of Medicine Writing Program and
other campus units culminated
in the world premiere of *Eye Piece* in February. UI graduate
and renowned theater artist Rinde
Eckert led the audience on a
journey into the world of blindness
and vision loss.

The project involved interviews with physicians, vision researchers and other faculty, as well as individuals and families impacted by vision loss and blindness. Related events included a panel discussion about the creation of *Eye Piece* and



Panel discussion about the creation of Eye Piece with Rinde Eckert (center), Dr. Ed Stone (second from right), Steve Kuusisto (far right), and two cast members.

discussing the impact of vision loss.

Funding for the project came from the Association of Performing Arts Presenters through its Creative Campus Innovations Program, a component of the Doris Duke Charitable Foundation. Hancher was one of only eight presenters to receive the grant which is intended to integrate artistic programming with the academic environment on campus.



Online challenge driving innovation in eye disease detection

Researchers at the Department of Ophthalmology and Visual Sciences led an international competition aimed at helping patients with diabetes through improving computer detection of diabetic retinopathy. Diabetic retinopathy is a leading cause of blindness in the U.S. and Europe, and most visual loss and blindness from diabetic retinopathy is preventable through early diagnosis or screening.





Digital color fundus photograph containing microaneurysms. This image is one of the images from the test set of the ROC microaneurysm detection competition. To the right an enlarged part of the green plane of the image is shown with microaneurysms indicated.

The Retinopathy Online Challenge (ROC), an online competition, pitted teams of scientists against each other in the development of the best automated methods used in the detection of microaneurysms in retinal images. Twenty-three groups of researchers across the world participated.



Gwénolé Quellec, PhD, with the ROC top prize, an engraved Anamosa Limestone

The manuscript with the methods and results of the competition was published in the scientific journal *IEEE Transactions* for Medical Imaging.* This year's winner, Gwénolé Quellec, PhD, is a post-doctoral researcher at the University of Iowa, and was recognized at last year's SPIE: Medical Imaging 2009 Conference in Orlando, Florida.

Additional ROC competitions are expected to be held in the future. More information at:

http://roc.healthcare.uiowa.edu

*Reference

Niemeijer M, van Ginneken B, Cree MJ, Mizutani A, Quellec G, Sanchez CI, et al. Retinopathy Online Challenge: Automatic Detection of Microaneurysms in Digital Color Fundus Photographs. IEEE Trans Med Imaging. 2010;29(1):185-95.

Giving back to help others

Then Robert Murphy experienced irritation in his left eye for what he thought was a simple scratch a few years ago, little did he know that it would lead to receiving eye care several hours away from his home in Hastings, Nebraska. Mr. Murphy consulted with several eye care providers in his area and was treated locally. However, his vision progressively worsened and he was ultimately referred to University of Iowa Hospitals and Clinics for treatment.

Mr. Murphy was diagnosed with fusarium keratitis and treated by several vision specialists, eventually receiving a cornea transplant in his left eye that vastly improved his vision to 20/30. Vision in his right eye was improved as well when he elected to have a cataract removed at the University of Iowa.

The comprehensive and compassionate care that Mr. Murphy received led him to support the sight-saving work of the University of Iowa's eye clinic through a philanthropic gift of \$10,000. Mr. Murphy's generous donation will support research involving corneal diseases and inflammation of the eye. Funds allow physicians and researchers to evaluate and develop treatment protocols with the potential to improve outcomes for patients in the future.

"I was impressed by the phenomenal people and availability of services at the University (of Iowa)", said Murphy. "After getting to know Dr. Goins and the other physicians, I realized that they are really there to help people. I've been through a difficult period while regaining my vision but enjoy being able to offer this gift as a 'thank-you' for the care I am receiving."



Robert Murphy

Foundation grant boosts Stargardt Disease research

esearchers at the University of Iowa Carver Family Center for Macular Degeneration are seeking the underlying causes and potential treatments for a number of inherited retinal diseases. Efforts were recently boosted thanks to an anonymous foundation gift of \$300,000 for research related to Stargardt Disease. The gift will be spread over a three year period and is immediately being put to use.

The most common form of inherited juvenile macular degeneration, Stargardt Disease, is caused by the death of photore-

ceptor cells in the central portion of the retina called the macula. De-

THE CARVER FAMILY CENTER member works for MACULAR DEGENERATION alone. AT THE UNIVERSITY OF IOWA

creased central vision is a hallmark of the disease which typically develops during childhood and adolescence.

Of the five teams working in UI's Molecular Ophthalmology Laboratory on a variety of projects and diseases, one is dedicated to Stargardt Disease research. Finding genetic information, treatments,

cures and preventions for Stargardt is a top priority. Researchers, scientists and clinicians have been compiled from a variety of areas, including ophthalmology, genetics, bioinformatics and computational biology, biomedical engineering, computer engineering and physiology. This interdisciplinary team approaches their work and the disease with a very unique mindset, adhering to the philosophy that the pursuit of a worthy goal in a collaborative fashion is a more efficient and enjoyable way to work. The result is greater total progress

than if each

Philanthropic support from private sources effectively leverages research grants provided by public sources such as the National Institutes of Health. This continuity of funding is incredibly important to sustaining the work of the Ophthalmology Program at the University of Iowa and is always appreciated.

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 and research 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, please visit:

www.givetoiowa.org/eye

For information 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

Photophobia study awarded Carver Trust funding

Randy Kardon, MD, PhD, professor of ophthalmology and Pomerantz
Family Chair in Ophthalmology, is collaborating with Andrew Russo, PhD, professor of molecular physiology and biophysics, and Ana Recober-Montilla, MD, assistant professor of neurology, to examine a potential mechanisms associated with photophobia in traumatic brain injury.

Their project was one of three to receive a Carver Trust Collaborative Pilot Grant from the Carver College of Medicine and the Roy J. Carver Charitable Trust. The grant provides seed funding for novel pilot collaborative research, allowing investigators to gather preliminary data that supports extramural grant submission.

The group hopes to answer the question: "Is the neuropeptide CGRP involved in the pathogenesis of photophobia in traumatic brain injury?" They will look at calcitonin gene-related peptide (CGRP), the major neuropeptide of the trigeminal nerve which has been implicated in animal models of photophobia.

Photophobia is a debilitating disorder that occurs as both a primary symptom and in association with other conditions such as migraine. Headache and photophobia are common debilitating symptoms, and the pathophysiology is not understood. In recent years, there has been a large increase in the occurrence of photophobia with at least 50% of patients with traumatic brain injury experiencing light sensitivity, including many veterans exposed to blast injury.

Event showcases vision research

Residents, fellows, orthoptic trainees, medical students, and other scholars had a chance to showcase their research interests at the 2010 Resident/Fellow Research Day. Twelve papers and 14 posters were presented. Awards for outstanding research will be announced at the Iowa Eye Annual meeting in June. Paper and poster abstracts may be viewed at http://webeye.ophth.uiowa.edu/dept/resfelo/ResDay2010/



Reed recognized by State Board of Regents



The Board of Regents of the State of Iowa annually recognizes staff for outstanding accomplishments and contributions to the Regents institutions as well as the State of Iowa. Cynthia Reed, RN, PhD, Executive Director of the Iowa Lions Eye Bank, was one of only six individuals to receive a 2009 State Board of Regents Staff Excellence Award.

Departure

aren M. Gehrs, MD, professor of ophthalmology, left to pursue a private practice opportunity in Lakeland, Florida. A UI faculty member since 1996, Dr. Gehrs was with the Vitreoretinal Diseases and Surgery Service.

7th Armaly Lecturer

The University of Iowa was pleased to feature **George L. Spaeth, MD,** Wills Eye Institute, as the 7th Armaly Lecturer at the Clinical Conference in February.

The Mansour F. Armaly Lectureship honors Dr. Armaly's contributions as a clinician-scientist who devoted his career to the study and care of patients with ocular hypertension and glaucoma.



Members of Iowa's Glaucoma Service pause for photograph with Dr. Spaeth (center)

The mission of the University of Iowa Department of Ophthalmology and Visual Sciences is to provide the highest quality, accessible and cost-effective patient care while contributing to the global effort to alleviate all diseases of the eye through teaching and research.

Boldt named to Fuerste Professorship

H. Culver Boldt, MD, was named the Marion S. and Frederick H. Fuerste MD, Professor in Ophthalmology. Dr. Boldt directs the ocular echography service and is professor of ophthalmology in the Vitreoretinal Diseases and Surgery Service.



Jean E. Robillard, MD, UI vice president for medical affairs, Hunter Fuerste, MD ('82MD), H. Culver Boldt, MD, Keith D. Carter, MD

Department of Ophthalmology and Visual Sciences

Comprehensive Eye Care and Cataract Clinic

A. Timothy Johnson, MD, PhD Anna S. Kitzmann, MD Thomas A. Oetting, MD

Cornea and External Disease, and Refractive/Laser Surgery

Kenneth Goins, M.D. Anna S. Kitzmann, MD Michael D. Wagoner, MD, PhD

Echography

H. Culver Boldt, MD

Glaucoma

Wallace L.M. Alward, MD John H. Fingert, MD, PhD Young H. Kwon, MD, PhD

Inherited Eye Diseases

Arlene V. Drack, MD Vinit B. Mahajan, MD, PhD Edwin M. Stone, MD, PhD

Vision Rehabilitation Service

Mark E. Wilkinson, OD

Neuro-Ophthalmology

Randy H. Kardon, MD, PhD Reid A. Longmuir, MD Michael Wall, MD

Ocular Oncology Service

H. Culver Boldt, MD Thomas A. Weingeist, PhD, MD

Oculoplastics and Orbital Surgery

Richard C. Allen, MD, PhD Keith D. Carter, MD

Ophthalmic Photography

Tracy Aly, COA, CRA

Pediatric Ophthalmology/Adult Strabismus

Arlene V. Drack, MD Susannah Longmuir, MD Richard J. Olson, MD Stephen F. Stasheff, MD, PhD

Uveitis

Nasreen A. Syed, MD

Vascular Disease of the Eye

Sohan S. Hayreh, MD, PhD, DSc

Vitreoretinal Diseases and Surgery

H. Culver Boldt, MD James C. Folk, MD Vinit B. Mahajan, MD, PhD Stephen R. Russell, MD Edwin M. Stone, MD, PhD Thomas A. Weingeist, MD, PhD

Research

Michael D. Abràmoff, MD, PhD Chris A. Johnson, PhD Markus H. Kuehn, PhD Robert F. Mullins, PhD

Other Faculty

Patricia A. Kirby, MD (Pathology) Stephen A. Kuusisto, MFA (English) Val C. Sheffield, MD, PhD (Pediatrics, Medical Genetics)

Michael G. Anderson, PhD (Physiology) Terry A. Braun, PhD (Biomedical Engineering)

Thomas L. Casavant, PhD (Bioinformatics, Computational Biology)

William J. Kimberling, PhD (Visiting Professor, Genetics)

Todd E. Scheetz, PhD (Bioinformatics, Computational Biology)

Milan Sonka, PhD (Electrical and Computer Engineering)

Emeritus

Sohan Singh Hayreh, MD, PhD, DSc G. Frank Judisch, MD Hansjoerg E.J.W. Kolder, MD, PhD Karl C. Ossoinig, MD Edward S. Perkins, MD, PhD William E. Scott, MD John E. Sutphin, Jr., MD H. Stanley Thompson, MD

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Gaining business insight from alumni

Alumni roundtable sessions are allowing Iowa's trainees a chance to learn more about private practice and the field of ophthalmology.



Mark Alford, MD ('96R, '98F) discusses starting a private practice with residents and fellows



Andrew Steffensmeier, MD ('04MD, '08R) shares perspective on how to evaluate and select a private practice

Alumni and medical students connect through volunteer program

The UI Carver College of Medicine offers a unique way for alumni to support the educational pursuits of medical students from the University of Iowa. The HOST program (Help Our Students Travel) matches fourth-year medical students with alumni who volunteer to host students in their homes during residency interviews around the country. The program is a wonderful resource for students to help relieve some of the costs they incur during their final year of medical school. Alumni also offer valuable advice and insight on their medical specialties, the regional medical community and local community as a prospective new location for the student.

Special thanks to Ophthalmology alumni who participated as hosts in 2009: **Michael Bloome, MD** ('72MS, '72R), **Kathleen Digre, MD** ('81MD, '85R-Neurology, '87F), **Richard Munson, Jr., MD** ('72MD, '80F), and **Jeffrey Nerad, MD** ('85F).

For more information, call 877-MED-IOWA

If you are an alumnus who has received a special distinction or have changed your contact information, let us know.

Email us at iowaeyecare@uiowa.edu



Mandy Olson, with Steven Ching, MD ('82F) in Rochester, New York





Jorie Pietscher, MD ('04MD) stayed with Kathleen Digre, MD ('81MD, '85R-Neurology, '87 F) and Michael Varner, MD in Salt Lake City, Utah

Jacob Koczman, MD ('08MD) with Rick Munsen, Jr., MD ('72MD, '80F) in Seattle Washington

Alumni gather for lowa reception

Alumni and friends of the department gathered at the Westin St. Francis in San Francisco to enjoy the Iowa Eye Association Alumni Reception at the 2009 American Academy of Ophthalmology Annual meeting.



Anna Kitzmann, MD ('08F) and Paula Wynn, MD ('08R)



John Fingert, MD, PhD ('00 MD PhD, '06F), Andrew Doan, MD ('02R, '05R), Thomas Oetting, MD ('95F), Jamie Coombs, MD ('06R)



Greg Thorgaard, MD ('83MD, '88R) and Mitchell Wolf, MD ('90R, '91F)



Denise Kayser, MD ('03F)



Angela Bratton, MD ('88MD, '93R) and David Wheeler, MD ('93F)



Sudeep Pramanik, MD ('05R, '06F) and John Kitchens, MD ('03R)



William Bourne, MD ('69MD, '74F), Gary Phelps, MD ('66BA, '69MD, '77R), Richard Anderson, MD ('71MD, '76F) and guest



Oculoplastics Alumni: Top - Francois Codere, MD ('81F), Jeff Nerad, MD ('85F), Keith Carter, MD (88F, current Chair), Richard Anderson, MD ('71MD, '76F), Robert Kersten, MD ('78MD, '83R, '84F), Adel Alsuhaibani, MD ('08F); Bottom- Alice Song, MD ('04F), Richard Allen, MD, PhD ('99R, '00F, '06F), Adam de la Garza, MD ('08F), Mark Alford, MD ('96R, '98F)

Iowa reception at AAO-MEACO Meeting

Make plans to join us in Chicago

Sunday, October 17, 2010 6:30 – 9:30 PM

Intercontinental Hotel
Camelot Room
505 N. Michigan Avenue



Carter discusses eye diseases with California alumni

Example 19 eith D. Carter, MD, professor and department head, presented a health

seminar for alumni and friends of the University of Iowa in Coronado,

California. The presentation provided an overview of common eye diseases and

showcased how the University of Iowa is addressing the growing public health

THE UNIVERSITY concern of eye diseases through compassionate patient care, excellence

in education and collaborative, leadingedge vision research.



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Upcoming events

	•	•	
Join us in Iowa City for our Clinical Conference Series where we explore and discuss relevant and interesting clinical topics in Ophthalmology. Check our web site for the latest dates, topics, and registration information: http://tinyurl.com/UlowaClinConf		April 30	12th Annual Iowa Optometric Conference, Iowa City
		May 5-7	ARVO Annual Meeting, Fort Lauderdale
		Jun. 11-12	UI Carver College of Medicine Alumni Reunion
			(Classes of '50, '55, '60, '65, and '70), Iowa City
The 2010-2011 Clinical Conference Series includes:		June 16	Resident and Fellow Graduation, Iowa City
		Jun. 17-18	Iowa Eye Association Annual Meeting, Iowa City
Sept. 17	Retina		(details inside)
Nov. 5	Cornea	June 18	Iowa Eye Nurse/Technician Conference, Coralville
Dec. 3	Oculoplastic Surgery	Oct. 1-2	UI Carver College of Medicine Alumni Reunion
Feb. 4	Cataract/Comprehensive		(Classes of '75, '80, '85, '90, and '00), Iowa City
Mar. 4	Uveitis	Oct 1-2	UI Homecoming Reunion Weekend, Iowa City
Apr. 1	Neuro-Ophthalmology	Oct. 15-19	AAO – MEACO Joint Meeting, Chicago
		Oct. 17	Iowa Eye Association Alumni Reception, AAO
			Annual Meeting, Chicago (details inside)