

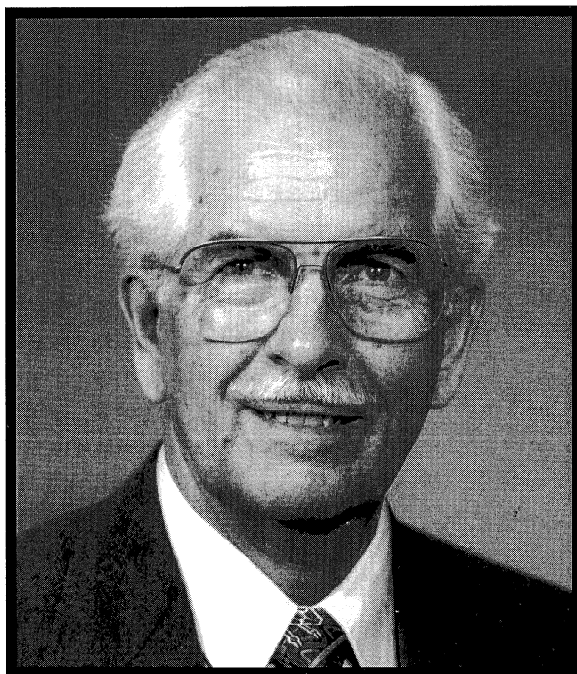
Iowa



THOMPSON'S CAREER CELEBRATED

Department of Ophthalmology
and Visual Sciences
Pomerantz Family Pavilion
University of Iowa Hospitals and Clinics
<http://webeye.ophth.uiowa.edu>

August 1997, Series 2, No. 31



H. Stanley Thompson

This year, during the Iowa Eye Association Meeting, we celebrated the many accomplishments of Dr. H. Stanley "Stan" Thompson. Dr. Thompson retired at the end of June after a 30-year career teaching neuro-ophthalmology, seeing patients and doing pupillary research.

Born in China to Irish missionary parents, Dr. Thompson spent World War II in a Japanese concentration camp in north China. He returned home to Belfast, Ireland, after the war and immigrated to the U.S. in 1949. He earned a BA in geography and anthropology at the University of Minnesota, and met and married

his wife, Delores, during that time. After becoming a U.S. citizen and spending two years in the U.S. army as a photographer, he returned to medical school at the University of Minnesota.

Dr. Thompson was drawn to Iowa by the reputation of the ophthalmology department. He came here in 1961 as an intern hoping to get an inside track on an ophthalmology residency. It apparently worked; Dr. Braley took him on as a resident in 1962. He also studied with Drs. Lowenstein and Loewenfeld at Columbia in New York.

In 1963, the UI Departments of Ophthalmology and Neurology

purchased a Lowenstein-Loewenfeld electronic pupillograph machine for Dr. Thompson's lab, and he was soon publishing papers about the "afferent pupil defect." After his residency, he spent a year (1966-67) with Dr. W.F. Hoyt in San Francisco on an NIH special fellowship grant studying neuro-ophthalmology. He returned to the UI in 1967, joining Dr. Blodi's faculty as an assistant professor and was promoted to professor in
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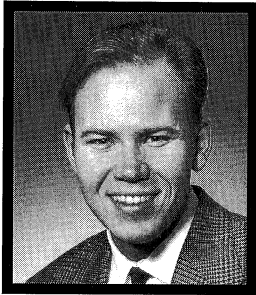
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"Together, we have a vision for the future."

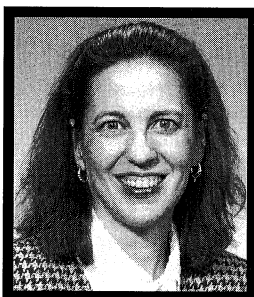
NEW RESIDENTS & FELLOWS WELCOMED

Drs. Richard Allen, Susan Brown, and Andrea Lusk began their ophthalmology training on January 2, 1997. Dr. Gail Ganser began a pediatric ophthalmology fellowship.



Richard Allen

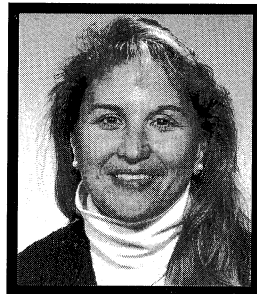
Richard C. Allen, PhD, MD, is a graduate of Baylor College of Medicine with an MD and a PhD in human and molecular genetics. He received a BS in chemistry from Duke University. In July 1996, he completed his internship in Albuquerque, New Mexico. He and his wife Missy, who has an MA in art history, traveled in Europe for a few months prior to coming to Iowa City. Dr. Allen grew up in St. Louis. In his spare time, he enjoys music (he plays trumpet), art, bicycling and running.



Susan Brown

Susan Mosier Brown, MD, received her medical education and completed her internship at the University of Kansas in Wichita. She has a BA from Kansas State University and an MBA from the University of Texas at Austin.

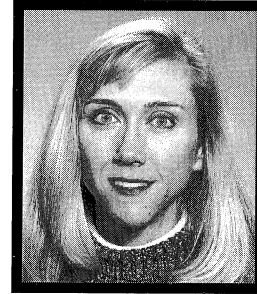
Dr. Brown is married to David A. Brown, who teaches interior architecture. She grew up in Kansas and enjoys travel, jewelry-making, racquet sports, reading, and flying (plans on completing training for her private pilot's license).



Andrea Lusk

Andrea L. Lusk, MD, a native of New York, received her MD degree from Morehouse School of Medicine in Atlanta, Georgia, and a BS in biology from State University of New York at Oneonta. She completed her transitional internship at Georgia Baptist Medical Center in Atlanta. Dr. Lusk is married to Dr. Paul Hahn who began a neuro-radiology fellowship at the UIHC in July. They have three children, David, Andrew and Maria. Dr. Lusk grew up riding horses and won the World Champion Appaloosa Junior Saddle Seat at age 16. She enjoys the local arts and theater here in Iowa City, as well as the challenge of keeping up with her husband and three children in all of their sports and extracurricular activities.

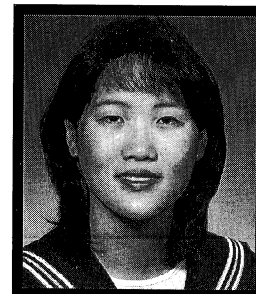
Gail Ganser, MD, studied medicine at Vanderbilt University where she also completed a medical internship. She completed her ophthalmology residency at



Gail Ganser

Bascom Palmer Eye Institute, Miami, and continued there as a neuro-ophthalmology fellow from July 1996 until coming to Iowa. She earned an MS in cell biology at Vanderbilt and a BA in biochemistry at the University of Kansas in Lawrence. She enjoys running, hiking, water sports, and amateur photography.

Five new residents and six new fellows began their training on July 1, 1997: Drs. Annie Chang Hill, John R. Kinder, T. Hunter Newsom, Luis C. Omphroy, Stacy L. Thompson (residents); Drs. Thomas Cannon (ocular pathology fellow) Kevin Cuevas (cornea fellow), Alan Franklin and Raj Maturi (retina fellows), Mei Mellott (pediatric ophthalmology fellow), and Yaffa Weaver (glaucoma fellow).

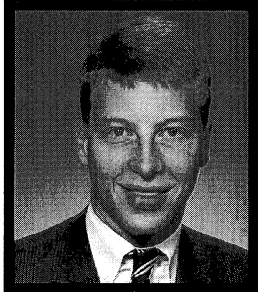


Annie Chang Hill

Dr. Annie Chang Hill graduated from medical school at the University of Virginia, Charlottesville. She has been at UIHC for the past year serving an internship in Internal Medicine,

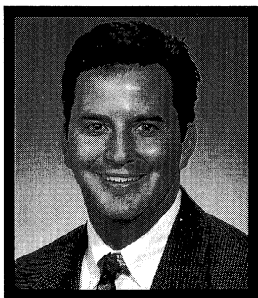
"Together, we have a vision for the future."

where her husband, Dr. Adam Hill, is currently training. Her other interests include playing piano, mountain biking, and hiking.



John Kinder

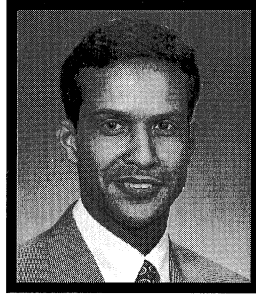
Dr. John Kinder is a graduate of the University of Tennessee College of Medicine, Memphis, where he also completed his internship. He is married with one child. He and his wife, a math and physics teacher, are outdoor enthusiasts and enjoy biking, fishing, and downhill skiing.



Hunter Newsom

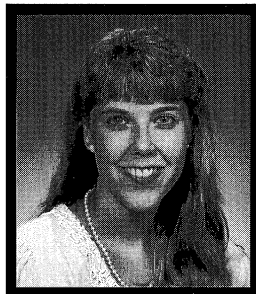
Dr. T. Hunter Newsom graduated from the University of Florida and completed his internship at Mayo Clinic in Jacksonville, Florida. Dr. Newsom enjoys sports and building and flying remote-control airplanes and helicopters. His fiancé, Stacy Ayers, has an MPH degree and is seeking employment in Iowa City.

Dr. Luis Omphroy received his MD degree from USC. He has spent the last year in Internal Medicine at UIHC, and his wife, Dr. Gabriela Ortiz-Omphroy, is a resident in the Department of Obstetrics and Gynecology. They



Luis Omphroy

have an 8-month-old son, Luis Carlos, Jr. Dr. Omphroy enjoys reading and travel, and sports such as basketball, swimming, tennis, and golf.

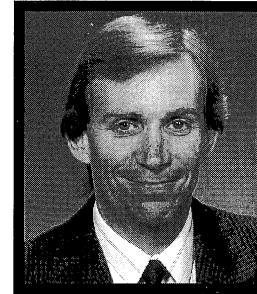


Stacy Thompson

Dr. Stacy Thompson is a familiar face to many, as she is an Iowa medical graduate who spent time working with Drs. Thompson and Kardon in neuro-ophthalmology. She completed her internship at LaCrosse, Wisconsin. She enjoys singing and playing piano, and she played sax in the Hawkeye Marching Band as an undergraduate. She also enjoys playing and watching basketball and football and going to movies. Dr. Thompson is married to Dave Griggs, a certified elementary school teacher who is seeking a position for the fall term.

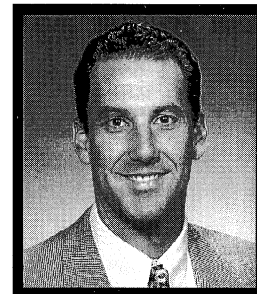
New fellows include Drs. Thomas C. Cannon, Kevin H. Cuevas, Alan J. Franklin, Raj K. Maturi, Mei Lin Mellott, and Yaffa K. Weaver.

Dr. Thomas Cannon is serving a pre-residency fellowship in ocular pathology. He is a graduate of the American University of the Carib-



Thomas Cannon

bean, Montserrat, British West Indies, and has completed residency training in anatomic pathology and clinical pathology, and fellowship training in neuropathology at the University of Oklahoma Health Sciences Center where he also served as co-chief resident. He has also completed a master's degree in public health while at The University of Oklahoma.



Kevin Cuevas

Dr. Kevin Cuevas has begun a fellowship in corneal/external diseases. He is a medical graduate of USC, Los Angeles, and completed his ophthalmology residency at the University of Texas Southwestern Medical Center, Dallas. His outside interests include fly-fishing and fly-tying, hunting, scuba diving, cycling, golf, and volleyball.

Dr. Alan Franklin has begun a 2-year fellowship in vitreoretinal diseases and surgery. He received his MD degree from the Medical College of Ohio, Toledo, and a PhD in molecular physiology and biophysics from Vanderbilt University, Nashville, Tennessee, where
(Continued on page 4)

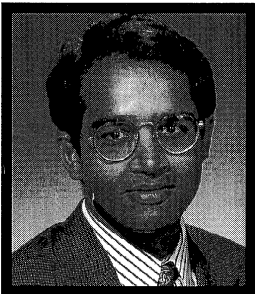
New Fellows

(Continued from page 3)



*Alan
Franklin*

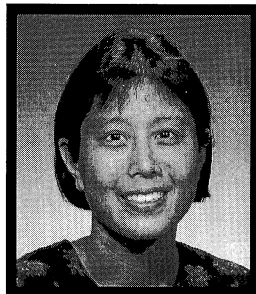
he also served his internship. He has just completed an ophthalmology residency at the St. Louis University School of Medicine Anheuser-Busch Eye Institute. He is married to Susan Barber Franklin.



*Raj
Maturi*

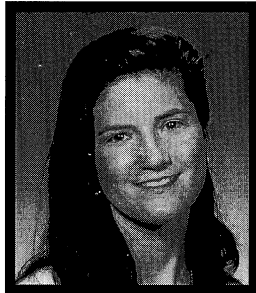
Dr. Raj Maturi has begun a 2-year fellowship in vitreoretinal diseases and surgery, having just completed his ophthalmology residency at Baylor College of Medicine, Houston, Texas, where he also completed an internship. He received his MD degree from New York University School of Medicine, New York City. He is married to Dheepa R. Maturi, JD. His interests include the use of computers/technology in ophthalmologic care, ocular health issues in the developing world, and flying.

Dr. Mei Mellott, who has begun a fellowship in pediatric ophthalmology, is a native of Massachusetts. She received a BA from Harvard College and an MD



*Mei
Mellott*

from the University of Massachusetts. She completed an internship at Mount Auburn Hospital, Cambridge, Massachusetts, and her ophthalmology residency at New England Eye Center, Tufts University, Boston. Dr. Mellott is married to Earl W. Mellott, JD. She enjoys travel, tennis, knitting design, and piano.



*Yaffa
Weaver*

Dr. Yaffa Weaver has begun a glaucoma fellowship. She is a graduate of Harvard Medical School. She completed an internship at Mt. Auburn Hospital in Boston, and an ophthalmology residency at Bascom Palmer Eye Institute, Miami, Florida. She enjoys running and cooking.

HOUSESTAFF GRADUATE

Three residents and two fellows graduated from their training programs on December 31, 1996:

Dr. Diane Boone is now an associate in our Comprehensive Ophthalmology Clinic.

Dr. Allen Grey has joined a private practice at the Eye Center of Colorado West in Grand Junction, Colorado.

Dr. William Keeling is in private practice at the Indiana Eye Clinic in Greenwood, Indiana.

Dr. Michael Murphy has been appointed to the faculty of the Medical College of Wisconsin Eye Institute in Milwaukee, where he is specializing in oculoplastic and orbital surgery and neuro-ophthalmology.

Dr. Richard Olson is on the faculty of the University of Utah Moran Eye Center in Salt Lake City, practicing pediatric ophthalmology and adult strabismus.

Two residents and eight fellows graduated on June 30, 1997:

Dr. Patrick Riedel has begun a glaucoma fellowship at the Moran Eye Center, University of Utah, Salt Lake City.

Dr. C. Tobin Taylor joined a private practice, the Magie Eye Clinic, in Conway, Arkansas.

Dr. David Dries is specializing in pediatric ophthalmology at Scott and White Clinic, Temple, Texas.

Dr. Cheryl Khanna joined the Austin Eye Clinic, Austin, Minnesota, specializing in glaucoma.

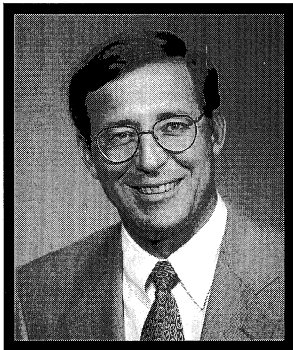
Dr. John Lee is continuing in private practice in Decatur, Illinois, specializing in glaucoma.

Dr. Mary Mehaffey has been appointed associate in Comprehen-

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FACULTY PROMOTED

Dr. Culver Boldt was promoted to associate professor of ophthalmology, Dr. William (Bill) Mathers and Dr. Edwin (Ed) Stone to professor of ophthalmology, and Dr. John Sutphin to professor of clinical ophthalmology effective July 1, 1997.



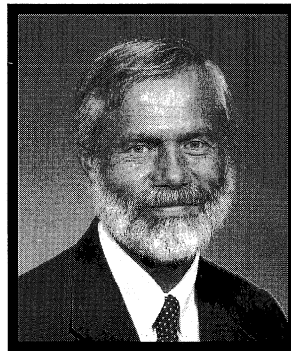
H. Culver Boldt

Dr. Boldt, who completed his ophthalmology residency here in 1988, was appointed to our faculty in 1993. He completed fellowships in echography at Bascom Palmer Eye Institute in Miami, medical retina at Wilmer Eye Institute in Baltimore, and vitreoretinal surgery at the Eye Institute of the Medical College of Wisconsin.

Dr. Boldt is now director of the Echography Service. He plans to continue research on tumors, especially uveal melanomas. He is particularly interested in developing non-invasive techniques to assess the malignant potential of melanomas. He is working with Dr. Robert Folberg and investigators at Cornell Medical Center, New York, and at San Diego, to develop a clinical method to identify microvascular patterns in choroidal ocular melanomas by ultrasound techniques.

Dr. Boldt is married to Maria Lukas, an attorney who is an

investigating officer in tenure disputes for The University of Iowa and teaches a trial advocacy course at the UI College of Law. They have a son, Adam, age 2, and a daughter, Maria, age 1. Dr. Boldt enjoys spending time with his family, growing orchids, playing golf and tennis, and gardening and yard work. He enjoys living in Iowa because everyone in the department is hard-working and pleasant to work with, and Iowa patients are intelligent and always willing to take part in their own care. He considers Iowa a great place to work and raise a family.



William A. Mathers

Dr. Mathers was appointed to the faculty in 1992. He was formerly assistant professor of ophthalmology and director of the Cornea Service at Georgetown University, Washington, D.C., where he also completed a cornea fellowship. He completed his ophthalmology residency at The University of Washington, Seattle.

Dr. Mathers hopes to make a major research contribution in the area of eye function in health and disease. He is studying the aging process and hormonal influence on tear function. He is also making great progress using the confocal microscope, which with its 10

times higher magnification than other devices, is much better for viewing living tissue. He and his co-workers are switching to a new computer system which will offer an even clearer view with the confocal and has the potential to revolutionize how we look at the eye. Dr. Mathers was recently appointed to review grant applications for the NIH (see article pg. 15). He welcomes this opportunity to maintain and encourage rigorous and careful research.

Dr. Mathers finds Iowa a wonderful place to work because of the opportunities to work with ophthalmologists from around the world as well as within the department. He also welcomes the chance for research in genetics with Dr. Ed Stone and ocular pathology with Dr. Robert Folberg. He says the Iowa population of big families with long-standing Iowa roots provides fertile ground for genetic studies. These opportunities encourage major breakthroughs such as the recent discovery of Drs. Lee Alward and Ed Stone of the glaucoma gene, and Dr. Mathers feels we are poised to make many more such discoveries.

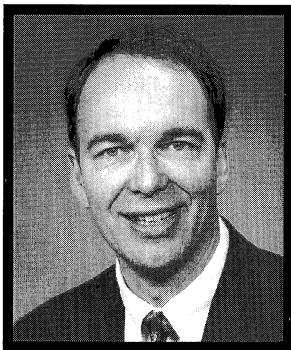
Dr. Mathers is married to Estelle Mathers who is a docent at The University of Iowa Museum of Art and has been taking university classes. They enjoy travel, sports, the outdoors, tennis, and hiking.

Dr. Stone, director of the Carver Molecular Ophthalmology Laboratory, has been on the faculty since 1990. He also completed his ophthalmology residency and a six-month fellowship here.

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Promotions

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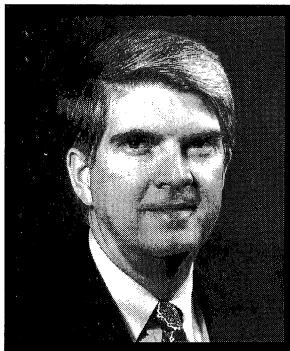
Edwin A. Stone

It is important to Dr. Stone to be able to feel at the end of his career that he made a difference. He takes advantage of Iowa's resources — its strong history and tradition of good clinical medicine, its people, the strong support for genetics research and the population of large extended families with deep Iowa roots— and hopes to be able to fix at least one bad disease. He thinks the power of molecular and cell biology may allow a fundamental breakthrough and wants to be part of the group that accomplishes that breakthrough. He is working to facilitate building a strong research group which can collectively accomplish a breakthrough in some disease, e.g., glaucoma or macular degeneration, in the next 5-10 years. He is also struggling with the interface of the ethics of genetic studies and the needs of real people.

Dr. Stone feels his promotion and whatever he is able to accomplish are a tribute to the power of collaboration with many other very talented people including his primary co-investigator, Dr. Val Sheffield (see story, page 11) in Pediatrics, his other colleagues, and the 45 hard-working and talented people who work in their two laboratories.

Dr. Stone is Scientific Director of the new UI Center for Macular Degeneration (See article about Dr. Gregory Hageman, page 9). In May, he received the Cogan Award from ARVO, which is given yearly to young research scientists. He will present the Cogan Lecture at the May 1998 ARVO meeting in Orlando, Florida.

Dr. Stone's wife, Mary, is an associate professor in the UI Department of Dermatology. They have a son, Nicholas, who is 7, and a daughter, Carolyn, who is 3. Outside of work, Dr. Stone most enjoys doing things with his kids. He likes everything about Iowa except the weather, a sentiment echoed by both Drs. Boldt and Mathers!



John E. Sutphin

Dr. Sutphin, director of the Refractive Corneal Surgery Program, came to Iowa in 1993, after retiring from the U.S. Navy. He had been specialty advisor for ophthalmology to the surgeon general of the Navy, chair of the Department of Ophthalmology and director of the Corneal Service at the Naval Hospital, San Diego, California, where he also completed his ophthalmology training. He received his MD degree from Vanderbilt University, Nashville, Tennessee, and completed fellowships in cornea and external disease

and anterior segment surgery at Cullen Eye Institute, Baylor College of Medicine, in Houston, Texas.

Dr. Sutphin began the UIHC Refractive Corneal Surgery Program when he was appointed principal clinical investigator in the midwestern U.S. for the FDA-approved clinical trials of the Novatec Lightblade solid-state refractive laser for the treatment of low to moderate nearsightedness by photorefractive keratoplasty. He recently acquired for the department a Summit excimer laser, also FDA-approved (see article, page 12), which will be shared with community ophthalmologists. In the coming months, he will increase our refractive surgery options with LASIK.

Dr. Sutphin received the 1996 Charles D. Phelps Award for two major contributions to the department: organizing a two-week rotation for 175 medical students within the framework of the new College of Medicine curriculum, and his work with laser refractive surgery.

Dr. Sutphin's immediate goals are numerous: continuing implementation of the mandatory rotation for third- and fourth-year medical students with the addition of computerized tests; improving the quality of the diagnostic curriculum for first- and second-year students with the creation of better educational videos; adding LASIK to the Refractive Corneal Surgery Program and, with the help of Deb Strike, RN, creating a more integrated clinic; improving the efficiency and flow of patients through the Cornea Clinic with the

(Continued on page 20)

Glaucoma Breakthrough

In an article published in the January 31 issue of the journal *Science*, UI researchers led by Drs. Edwin Stone, professor of ophthalmology, Val Sheffield, associate professor of pediatrics, and Wallace L. Alward, professor of ophthalmology, reported that mutations in a gene located on chromosome 1 are responsible for primary open angle glaucoma. The UI team had linked this form of glaucoma to chromosome 1 in a separate study three years ago. This discovery may potentially lead to a blood test to identify people at risk for primary open angle glaucoma and to the identification of drugs that may be more effective in combating this disease.

The researchers studied a large family with a history of glaucoma and identified a region of chromosome 1 to be associated with juvenile open angle glaucoma, a subset of primary open angle glaucoma occurring at an earlier age. Other researchers subsequently identified additional families that mapped to the same chromosomal region. The UI researchers then used genetic linkage analysis and shared genetic information among families to determine that one gene in particular, the TIGR gene, existed in this chromosomal region and was known to be expressed in the trabecular meshwork and ciliary body of the eye, both of which are involved in the maintenance of the intraocular pressure. After further studies of eight different families, they were able to say that this gene causes a type of glaucoma and is located on chromosome 1. They then studied 227 unrelated glau-

coma patients with a family history of the disease and 103 unselected "walk-in" primary open glaucoma patients. Of the 227 with a family history, nearly 4.5 percent had one of the three TIGR gene mutations; of the 103 unselected patients, about 3 percent harbored one of the three. These findings suggest that this gene plays a role in a portion of all primary open angle glaucoma. Since glaucoma affects between 2.5 and 5 million people in the U.S., the 3 percent found in the unselected patients group suggests that mutations in the TIGR gene cause glaucoma in more than 100,000 people.

The UI study was funded through grants from the National Eye Institute, the Roy J. Carver Charitable Trust, and Research to Prevent Blindness. Dr. Carl Kupfer, Director of the National Eye Institute, stated "In fact, it [the discovery] may be the first major breakthrough in the NIH's intense research effort to find the cause and eventually develop a cure for glaucoma."

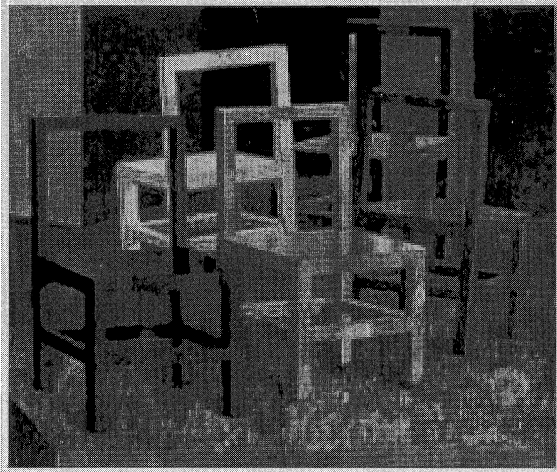
Wolken Receives Kolder Award

Mark S. Wolken received the Hansjoerg E. Kolder Award for Excellence in Ophthalmology at the spring commencement ceremonies of The University of Iowa College of Medicine. The Kolder Award is presented each year to the student who has shown the greatest promise of achieving the virtues and skills modeled and taught by Dr. Kolder: modesty, the highest clinical and surgical skills, pioneering research, unsurpassed teaching skills, loyalty and support for the university, and championship of patients and students.

While in medical school, Mark Wolken has worked on research in the Molecular Ophthalmology Laboratory under the tutelage of Dr. Ed Stone. He is co-author with Dr. Stone and Dr. Brian Nichols on a chapter titled "New normative data for the Farnsworth-Munsell 100-hue test," in *Colour Vision Deficiencies XI*, Kluwer Academic Publishers, 1993, and also co-authored an ARVO abstract on the same subject. He received an AMSA Health Policy Fellowship and was one of 15 students selected nationally to serve as an intern at the American Public Health Association. He will begin his ophthalmology residency at Iowa in July 1998.

Previous recipients of the Kolder Award include Christopher Hauptert, MD, now in ophthalmology training at Emory, Brian Nichols, MD, PhD, now an ophthalmology resident at Iowa, and Stacy Thompson, MD, who began her ophthalmology training at Iowa in July 1997.

110 Chairs Campaign



"Chairs" painting used by permission of the artist.

UI School of Art and Art History

Professor Emeritus Byron L. Burford

(<http://webeye.optht.uiowa.edu/dept/fundrais/donors.htm>)

We have now received more than \$150,000 in gifts from alumni and friends in amounts ranging from \$25 to \$25,000. Interest on the endowment will be used to support educational programs. A plaque and honor roll prior recognizing the contributors was recently installed in the Braley Auditorium. Gifts of \$1,000 or more are acknowledged on the plaque. All gifts of \$25 or more will be listed in the annual report from the UI Foundation.

If you have not contributed and wish to make a gift or pledge, you may do so via the department homepage by clicking on "To Make Gifts or Pledges." The 110 Chairs brochure is also still available.

The University of Iowa Department of Ophthalmology and Visual Sciences and The University of Iowa Foundation gratefully recognize the following individuals and organizations whose gifts of \$1,000 or more were received in support of the "110 Chairs in Ophthalmology" Campaign for the Alson E. Braley Auditorium by April 30, 1997.

Wallace L. M. & Kazuko M. Alward, *Iowa City, IA*
Rodney A. & H. Sue Anderson, *Cheyenne, WY*
Linda K. Angell, *East Lansing, MI*
Minoru & Michiko Araki, *Tokyo, Japan*
Mansour F. & Aida M. Armaly, *Washington, DC*
Paul N. & Margaret Ballard Arnold, *Springfield, MO*
Loren R. Barrus, *Medford, OR*
R. Bruce Bedell, *Sioux City, IA*
Donald H. & Judith Ann Gardner Beisner, *Springfield, MO*
Lee D. & Cyndie E. Birchansky, *Cedar Rapids, IA*
H. Culver Boldt & Maria Lukas, *Iowa City, IA*
Brad M. Borgwardt, *Clinton, IA*
George W. Bounds, Jr., *Nashville, TN*
Samuel D. Bovenmyer, *Waterloo, IA*
Jerald A. and Ester P. Bovino, *Toledo, OH*
David C. Boyce, *Grand Rapids, MI*
Michael W. Bresnahan, *Iowa City, IA*
James E. Brock, *Dubuque, IA*
Addison W. Brown, Jr., & Gail F. Brown, *Mason City, IA*
Charlotte A. & James A. Burns, *Madison, WI*

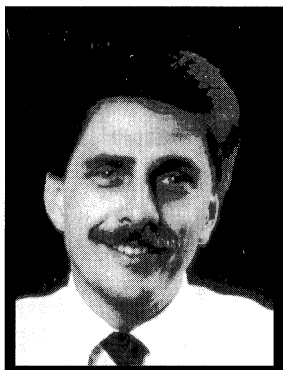
Thomas C. Burton & Barbara A. Powers, *Waukesha, WI*
Keith D. & Cheryl D. Carter, *Iowa City, IA*
John D. & Kirsti M. Chambers, *Anacortes, WA*
David J. Chizek, *Burnsville, MN*
Clarence A. Christensen, *Cornelius, OR; in honor of Dorothy M. Maher and Jon C. Thorson*
Laurie E. Christensen & Colin Ma, *Portland, OR*
Richard W. & Linda S. Claussen, *Dubuque, IA*
John R. & Lynda S. Crowell, *Paradise Valley, AZ*
John B. Dixon, *Mason City, IA*
Sean P. & Janet Donahue, *Brentwood, TN*
Richard T. & Jane M. Falter, *Hutchinson, KS*
Daniel J. & Jane L. Fleming, *Fox Point, WI*
Robert & Amy Folberg, *Iowa City, IA*
Mark I. & Linda S. Freedman, *Fox Point, WI*
C. Rommel Fuerste, *Dubuque, IA*
Frederick & Marian Fuerste, *Dubuque, IA*
Gretchen Fuerste & Mark Liaboe, *Dubuque, IA*

"Together, we have a vision for the future."

Ronald F. Gates, *Tulsa, OK*
 William N. & Evelyn K. Gillum, *Weslaco, TX*
 John M. Graether, *Marshalltown, IA*
 Sunil & Lisa Marie Gupta, *Gulf Breeze, FL*
 Henry H. Gurau, *Des Moines, IA*
 Mark H. & Amy H. Haimann, *Bloomfield Hills, MI*
 Alma K. & Pauline H. Hansen, *Tucson, AZ*
 William L. & Barbara S. Haynes, *Asheville, NC*
 Clifford A. & Elizabeth D. Hendricks, *Cedar Rapids, IA*
 James M. & Phyllis R. Hersey, *Lakewood, CO*
 R. Josef & Edith R. Hofmann, *Davenport, IA*
 William B. & Eda P. Hofmann, *Davenport, IA*
 Michael J. Howcroft, *Toronto, Ontario, Canada*
 Chase P. Hunter, III, *Anderson, SC*
 Norman R. & Margaret D. Hutchison, *Ottumwa, IA*
 Charles E. & Judy W. Jones, *Sioux City, IA*
 Yadolah & Farideh Karnama, *Burlington, IA*
 Ronald V. Keech, *Iowa City, IA*
 William F. Keeling, *Indianapolis, IN*
 Robert C. & Jennifer L. Kersten, *Wyoming, OH*
 James D. & Judy Knox, *Bettendorf, IA*
 Martin P. Koke, *San Diego, CA; in memory of Editha Flannagan Koke*
 Hansjoerg E. Kolder, *West Branch, IA*
 Sheridan & Lisa Molnar Lam, *Clarendon Hills, IL*
 Brian Leatherbarrow, *Cheshire, England*
 John Changkyoo Lee, *Decatur, IL*
 Won Ryul Lee, *Kyunggi-Do, South Korea*
 Bernard F. & Miriam T. Ludes, *Ames, IA*
 Gregg T. & Cynthia R. Lueder, *Webster Groves, MO*
 Susan M. Malinowski, *Sylvania, OH*
 Louise Manning, *Davenport, IA; in memory of Ephraim L. Manning*
 Yoshimasa Masuyama, *Miyazaki, Japan*
 William D. & Estelle H. Mathers, *Iowa City, IA*
 McDonald Optical Dispensary, *Iowa City, IA*
 Scott R. & Marilyn D. McKee, *North Oaks, MN*
 J. Kevin & Greta L. McKinney, *Fort Worth, TX*
 Donald R. Miles, *Phoenix, AZ*
 Robert J. & Vena G. Miller, *Saratoga, CA*
 Mark W. Mohny, *Atlanta, GA*
 Paul R. Montague, *Swisher, IA*
 Francisco J. & Paula C. Pabalan, *Moreno Valley, CA*
 Jeffrey T. Paul, *Gansevoort, NY*
 Rodolfo N. & Margaret B. Perez, *Weslaco, TX*
 Scott H. Pressman, *Meridian, ID*
 John F. & Mindy Ramsey, *Salt Lake City, UT*
 K. Rajeswara Rao, *Cedar Falls, IA*
 M. Hobson Rice, *Atlanta, GA*
 Richard D. & Alice M. Richards, *Easton, MD*
 Jerry Noel Ringer, *Bloomington, IL*
 David P. Rowell, *Salem, OR*
 Norman M. & Barbara L. Rozansky, *San Diego, CA*
 E. Michael Sarno, *West Des Moines, IA*
 Peter Schafroth, *Thur, Switzerland*
 Paul N. Schultz, *Medford, OR*
 William E. & Winifred F. Scott, *Iowa City, IA*
 Bruce E. & Amanda Spivey, *Chicago, IL*
 Sarah J. Stair & Michael B. Rivers, *McLean, VA*
 Harry C. & Catherine E. Stephenson, *Prospect, KY*
 Landis C. & Carol L. Stewart, *Adrian, MI*
 R. Kent Stiverson, *Ridgefield, CT*
 Edwin M. & Mary S. Stone, *Iowa City, IA*
 Lyse S. Strnad, *Solon, IA*
 John E. Sutphin, Jr., *Iowa City, IA; in memory of Elsie Eubank Sutphin*
 Daniel Barret Thatcher, *Colorado Springs, CO*
 Greg L. & Kendra L. Thorgaard, *Ottumwa, IA*
 Lawrence & Katherine Tychsen, *St. Louis, MO*
 Vascular Logics, Inc., *Huntington Beach, CA; in honor of James K. Brannon*
 David D. & Beverly J. Verdier, *Grand Rapids, MI*
 Prem S. Virdi, *Rock Island, IL*
 Michael & Susan Dale Wall, *Iowa City, IA*
 Richard C. & Karen B. Warren, *Ocala, FL*
 Russell H. & Marie L. Watt, *Marshalltown, IA*
 Thomas A. & Catherine M. Weingeist, *Iowa City, IA*
 Kristen K. & Douglas G. Wells, *Davenport, IA*
 David T. Wheeler & Kimberley A. Beaudet, *Riyadh, Saudi Arabia*
 Robert D. & Joyce L. Whinery, *Coralville, IA*
 Ben K. & Delores A. Williamson, *Rock Island, IL*
 Arthur C. & Jerry Wise, *Iowa City, IA*
 Stephen H. & Sue Montgomery Wolken, *Iowa City, IA*
 John R. & Tina S. Wood, *Roanoke, VA*
 Larry W. & Sue Wood, *Lincoln, NE*
 Joseph C. Yarbrough, Jr., and Harriet T. Yarbrough, *Anderson, SC*
 Craig W. and Marcia L. Young, *Presque Isle, ME*

"Together, we have a vision for the future."

FULL-TIME RESEARCHER HAGEMAN APPOINTED



Gregory S. Hageman

Gregory S. Hageman, PhD, has been appointed Professor of Ophthalmology effective June 1, 1997. Dr. Hageman is the first full-time researcher to be appointed to our department and will have an office and laboratory on the Oakdale Campus. He will focus his research efforts on age-related macular degeneration working with a team of researchers including Dr. Edwin Stone and Dr. Val Sheffield of the Carver Molecular Ophthalmology Laboratory, the retina faculty—Drs. Culver Boldt, James Folk, Karen Gehrs, Steven Russell, and Thomas Weingeist—and a team of scientists, technicians, and students he is bringing with him from St. Louis University.

Dr. Hageman graduated with a BS and a PhD in biology from the University of Southern California, Los Angeles. He served on the faculty of USC before his appointment to the faculty of St. Louis University School of Medicine, St. Louis, Missouri in 1987. He has been a full professor in the Department of Ophthalmology, Cell and Molecular Biology

Program, at the Anheuser-Busch Eye Institute at St. Louis since 1994.

Dr. Hageman is involved in researching the cellular and molecular mechanisms of, and development of therapies for, age-related macular degeneration (AMD). His goal in coming to Iowa is to work with a team which can find a cure for AMD. In addition, he has been involved in other research areas including primate cone photoreceptors and associated interphotoreceptor matrix domains and their role in retinal adhesion and photoreceptor viability; the biochemical and molecular characterization of the primate fovea; the molecular characterization of the vitreoretinal interface and the development of pharmaceuticals that elicit vitreous detachments; proliferative vitreoretinopathy and epiretinal membrane formation; and the morphological localization, biochemical characterization, and function of glycoconjugates in normal, degenerative, and regenerative mammalian retinae. He has numerous publications in peer-reviewed journals. He is currently a member of the Vision Research Program Planning Committee of the National Eye Institute, and a special reviewer for the NIH Visual Sciences C Study Section

Dr. Hageman's AMD research is currently supported by funding from several sources including five separate grants from the National

Institutes of Health totaling approximately \$3,350,000; a \$25,000 grant from the David Woods Kemper Memorial Foundation, and \$10,000 from the Cecelia E. Tritschler Retina Research Fund. He recently was awarded a grant of \$150,000 from the Ruth and Milton Steinbach Fund, also for research related to age-related macular degeneration.

Dr. Hageman is very pleased and excited to be coming to Iowa with his family: wife Jill, who is an RN, and children, Courtney, age 9, and Nicholas, age 8. With his research team, he also brings seven other families to Iowa City! When he is not working on his research and teaching, Dr. Hageman most enjoys spending time with his family, and hunting and fishing.

The *Iowa Eye* is published 2-3 times yearly by the Department of Ophthalmology and Visual Sciences for friends and alumni of the department.

Editor-in-Chief:

Thomas A. Weingeist, PhD, MD

Managing Editor:

E. Diane Anderson

Photos by Ophthalmology Staff

Photographers:

Ed Heffron

Stefani Karakas

Please direct comments and inquiries to managing editor:

319/356-0453

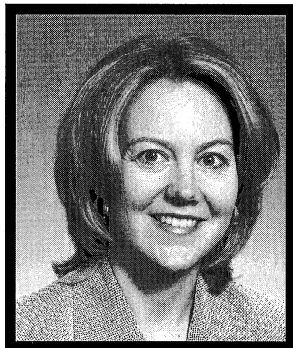
FAX 319/356-0363

e-diane-anderson@uiowa.edu

http://webeye.ophth.uiowa.edu

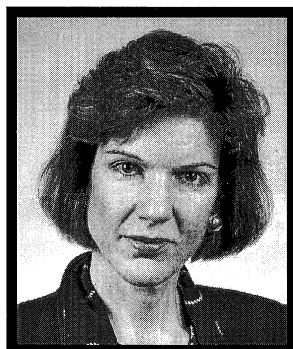
Boone & Mehaffey Appointed

Drs. Diane Boone and Mary Mehaffey have each been appointed Associate of Ophthalmology, effective July 1.



Diane E. Boone, MD

Dr. Boone was a fellow in Comprehensive Ophthalmology for six months since completing her residency training here.



Mary G. Mehaffey, MD

Dr. Mehaffey completed an ocular pathology fellowship at the end of June in the Blodi Ocular Pathology Laboratory. She completed her ophthalmology residency at Mayo

Both Dr. Boone and Dr. Mehaffey will work in Comprehensive Ophthalmology. Dr. Mehaffey will also continue working with residents part-time in Ocular Pathology.

Iowa Eye Meets June 5-7, 1997

The annual meeting of the Iowa Eye Association included neuro-ophthalmology symposia in honor of H. Stanley Thompson, MD, and a refractive surgery update.

The Wolfe Foundation Lecture: *Why is My Patient Slowly Going Blind? Meningioma or Glioma? To Treat or Not to Treat; That is the Question!*, was presented by Neil R. Miller, Wilmer Eye Institute, Baltimore, Maryland. **The Braley Lecture, Refractive Surgery in the 21st Century**, was given by Peter McDonnell, MD, Doheny Eye Institute, Los Angeles, California.

Other guest faculty included James J. Corbett, MD University of Mississippi Medical Center, Jackson, Mississippi; Todd W. Gothard, MD Wolfe Clinic, Marshalltown, Iowa; Steven C. Johnson, MD Wolfe Clinic, Marshalltown, Iowa; Irene E. Loewenfeld, PhD Kresge Eye Institute, Detroit, Michigan; and Stephen A. Updegraff, MD Laser Vision Center and Bay Area Eye Center, St. Petersburg, Florida.

Sheffield Named Howard Hughes Investigator

Dr. Val C. Sheffield, associate professor of pediatrics and co-investigator with Dr. Edwin M. Stone, director of the Carver Molecular Ophthalmology Laboratory, has been appointed investigator by The Howard Hughes Medical Institute (HHMI).

Sheffield's work focuses on the molecular genetics of diseases, especially of hereditary blindness. He was part of the UI research team with Drs. Ed Stone and Lee Alward who recently discovered the gene which, if mutated, causes the most common form of glaucoma. He also has done extensive research on the genetic basis of a broad range of inherited diseases.

Sheffield is one of 70 scientists nationwide to receive the coveted appointment this year. These appointments are the first since 1994, when 44 investigators joined the HHMI ranks

"These outstanding scientists are being invited to join one of the most creative and productive groups of researchers in the world," said Dr. Purnell W. Choppin, president of the institute. "Their selection was the result of an intensely competitive process and is a tribute to their ability and promise as research scientists."

Sheffield is the third UI investigator to be named by the institute. Dr. Kevin P. Campbell, professor of physiology and biophysics, and Dr. Michael J. Welsh, professor of internal medicine, are focusing on muscular dystrophy and cystic fibrosis, respectively.

Sutphin Advances Refractive Surgery With New Summit Laser

Dr. John Sutphin, director of the Refractive Corneal Surgery Program, has recently acquired for the department a Summit excimer laser, which is FDA-approved. The Summit laser painlessly alters the curvature of the cornea with a wide, high-energy beam that resembles the eraser end of a pencil; whereas the Novatec LightBlade, which Dr. Sutphin is currently using in clinical trials, has a sharp point which is operated under computer control. (See UIHC *Pacemaker*, November 1996, and May 1997, for articles on both technologies.)

The Summit laser may be used on patients with nearsightedness or corneal disease. Patients with problems in both eyes can receive treatment in the second eye sooner than with the Novatec. Ablation times for both are minimal (19-120 seconds for Novatec, 15 to 60

seconds for the Summit laser). Dr. Sutphin says "In the future, after the trials progress, we'll have more options available for the Novatec system" (currently available only for certain levels of nearsightedness, without significant astigmatism). "At this time, it is not known whether there is any difference in outcome between the Novatec and the Summit lasers."

The Summit laser shows considerable promise in treating corneal diseases, and greatly reduces the need for corneal transplant in select cases and can be used to treat other problems such as recurrent erosion syndrome. This summer, the UI will begin to certify community ophthalmologists and ophthalmologists-in-training to use the Summit laser, and work with optometrists in understanding the indications and complications of laser surgery.

Dr. Sutphin, who joined our faculty in 1993, introduced refractive surgery to the Navy's active duty personnel in 1992. He served as chairman of the Department of Ophthalmology at the San Diego Naval Medical Center and as specialty advisor to the Surgeon General of the U.S. Navy for ophthalmology. He retired from the Navy at the rank of captain after 23 years of service and received the Legion of Merit in 1992.

Staff nurses Deb Strike, RN, Liz Bulgarelli, RN, and Marcia Hert, RN, coordinate the photorefractive laser program. To inquire about refractive surgery in general, please call the UICONSULT line at 1-800-322-UIHC (8442) and refer to the Summit laser program. If you wish more specific information and/or to make an appointment, please call Deb Strike, RN, coordinator, at 319-384-7996.

Wall Merits Renewal

Dr. Michael Wall has received a five-year \$354,900 renewal of his VA Merit Review Award. The funding will support a project entitled "Motion Perimetry: A New Method for Early Detection of Visual Loss."

Dr. Wall has also been appointed curriculum co-director for the Foundations of Clinical Practice course sequence by the College of Medicine. He will have primary responsibility for Foundations of Clinical Practice II, given in the spring semester of the first year of the curriculum.

Two Receive Educational Development Awards

Drs. William E. Scott and John E. Sutphin each received awards in 1997 from The College of Medicine Educational Development Fund program. The program, which encourages innovation and experimentation in teaching, provides "seed" money in amounts usually limited to \$5,000.

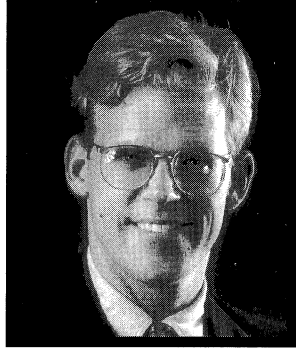
Dr. Scott received his award for a project entitled "Development of a Photoscreening Training Pro-

gram for Medical Students." The title of Dr. Sutphin's project is "Development of a Standardized Computer-based Examination in the Clinical Sciences with Application to the Third-year Introduction to Clinical Ophthalmology."

OETTING APPOINTED

Thomas A. Oetting, MD, is already a familiar face in our department. He completed his residency here in 1995, after completing his medical degree at Duke University and an internship at St. John's Hospital in St. Louis. Since graduating from his ophthalmology training, he has practiced ophthalmology in Jefferson City, Missouri, and served as a clinical instructor at the Truman VA Medical Center in Columbia, Missouri. Dr. Oetting has been appointed assistant professor of clinical ophthalmology in Comprehensive Ophthalmology.

Dr. Oetting plans to be very involved in teaching general oph-



Thomas A. Oetting

thalmology and cataract surgery to residents. He would like to incorporate new ideas and techniques used by practicing ophthalmology alumni to assist in bringing cataract surgery, here and at the Iowa

City VA, up to the most modern standards.

Outside ophthalmology, Dr. Oetting enjoys spending time with his family as well as gardening and working with model trains. He is married to Marguerite Oetting, MD, a pediatrician who works part time with the Iowa City Free Medical Clinic and Proteus, a service for migrant farm workers. They have three children: seven-year old Drew, five-year-old Lilli, and Blake, age one.

The Oettings are happy to be back in Iowa City. They enjoy the diversity and appreciate the excellent schools.

OPTOMETRISTS JOIN FACULTY



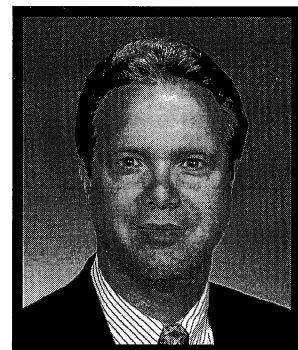
Christine Sindt

Christine Sindt, OD, and Mark Wilkinson, OD, have each been appointed assistant professor of clinical ophthalmology, effective July 1.

Dr. Sindt began working in the department last year in the Comprehensive Clinic - Low Vision/Contact Lens. She is continuing in those areas. She received her optometry degree from Ohio State,

Columbus, and completed an optometry residency at Cleveland Veterans Administration Medical Center.

Dr. Wilkinson is working two days per week at Genesis Hospital, Davenport, Iowa, and will be at UIHC in the Comprehensive Clinic - Low Vision the remainder of the week. In addition, he will staff the low vision clinic for our Dubuque outreach clinic two days each



Mark E. Wilkinson

month. He received his OD degree from Illinois College of Optometry after completing undergraduate work at Iowa State University in Ames. He did post-graduate study in low vision at the New York Lighthouse for the Blind. He has been in private practice in Iowa since 1980, and optometric director of Genesis Medical Center's Vision Rehabilitation Institute in Davenport since 1986.

Thompson Retires

(continued from page 1)

1976. His research interests have centered on the autonomic nervous system and the clinical evaluation of optic nerve function, and his publications are numerous. Over the years, Dr. Thompson has directed the Neuro-Ophthalmology Service and has been involved in training 38 fellows in neuro-ophthalmology, many of whom now hold full-time academic positions. He belongs to numerous professional organizations, has hosted several congresses, served as co-president of the International Neuro-Ophthalmology Society in 1988, served on the Residency Review Committee for Ophthalmology from 1989 to 1995, and was chairman of the American Board of Ophthalmology in 1996.

In a recent interview, Dr. Thompson commented that P.J. Leinfelder had been a model for how to retire gracefully, and he hoped to do it as well as P.J. had done it. Dr. Thompson plans to return to the department informally approximately two days per week as professor emeritus and will continue to attend neuro-ophthalmology professional meetings. He is working on a number of academic projects including writing about ophthalmic history and working on pupillary research with Dr. Randy Kardon. However, his most ambitious plan is to open an antiquarian book shop with his wife, Delores. They have already built an addition onto their house outside Iowa City and have filled it

with books! They welcome browsers who call ahead, and they already have an internet address: <ginniff@internetmci.com.> (Ginniff was the name of his paternal grandmother's family, and most families with that name can trace their ancestry back to County Down). The Thompsons are also preparing a web page and will put out catalogs in their areas of bookish interest: history of medicine, science and technology, modern American children's picture books, books about books and printing, horticulture, literature and detective fiction.

Dr. Thompson's quiet, warm manner, his humor, and his expertise in neuro-ophthalmology will be greatly missed by all in the department, but we look forward to seeing him frequently and perhaps exploring his bookstore.

Neuro-ophthalmology Fellows trained by Dr. Thompson

(Chronologically since 1971)

Paul C. Rutkowski
Ronald M. Zahoruk
Sydney F. J. Pilley
Bong Leen Chang
Jan S.C. Czarnecki
Raymond A. Bell
Pierre Bourgon
Joel M. Weinstein
Thomas J. Zweifel
Terry A. Cox
Denise Taylor
Jane Z. Portnoy
David H. Zackon
Michael J. Price
Paul Babikian
Luke Qi Jiang
Adeyinka Ashaye
F. Jane Durcan
Charles E. Maxner
Kathleen B. Digre
Daniel M. Jacobson
Mei-qi Jiang
Randy H. Kardon
Patricia K. (Johnston) McNussen
Gerard L. Hershewe
Pinar F. (Kirkali) Aydin
Jason J.S. Barton
Timothy J. Martin
Aldo Fantin
Jonathan Calkwood
Aditya Mishra
Sean P. Donahue
William N. White II
Richard K. Neahrng
Johane Robitaille
Peter H. Spiegel
Anil Patil

RESEARCH HIGHLIGHTED

Interinstitutional Study Initiated

Dr. Karen Gehrs, assistant professor, Vitreoretinal Service, has begun working on an interinstitutional study titled "Vitreotomy for Diabetic Macular Edema Unresponsive to Initial Laser Photocoagulation." Her co-investigators are Drs. Stephen Russell, James Folk, Culver Boldt, and Thomas Weingeist, at Iowa, and Drs. Dennis Han, William Mieler, Thomas Connor, and Jose Pulido, at the Medical College of Wisconsin in Milwaukee.

The study group plans to enroll 50 patients with diabetic macular edema persisting after one or two laser sessions over nine months or less and with visual acuity between 20/40 and 20/400. Half the patients will be randomized to laser and half to vitrectomy. Patients with hypertension or diabetes which is poorly controlled, those undergoing renal dialysis, or who have had a recent pregnancy will not be eligible for the study. Other exclusional criteria include glaucoma, cystoid macular edema attributable to recent cataract surgery, active proliferative diabetic retinopathy within the last three months, significant macular ischemia, more than two previous macular laser treatments, macular edema which has persisted for over a year, posterior vitreous detachment, or macular pucker.

RPB Makes Awards

Research to Prevent Blindness, Inc., has awarded four grants totaling \$220,000 to support research in the department. Dr. Ed Stone and Dr. Randy Kardon each received \$50,000 Lew R. Wasserman Merit Awards (in December 1996 and June 1997, respectively), which provide unrestricted support to mid-career MD and PhD scientists actively engaged in eye research in medical institutions in the U.S.

John Fingert, a medical student working in the Molecular Ophthalmology Laboratory under the Medical Scientist Training Program, has been awarded a \$20,000 grant from RPB to support his research efforts.

In addition, RPB awarded an unrestricted \$100,000 grant to the department to support research activities during 1997-98. In the past, the department has received generous increasing amounts of funding (a total of nearly \$2 million in unrestricted grants and special awards from RPB, the largest private philanthropic organization supporting eye research) since RPB's inception. Previous recipients of RPB awards include Drs. Sohan Hayreh, Randy Kardon and Ed Stone.

Mathers Receives NIH Grant, Appointed to NIH Study Section

Dr. William Mathers will receive a two-year \$65,000 grant from the National Eye Institute for a project to start in July 1997. The title of the project is "Enhanced diagnosis of Acanthamoeba keratitis." Dr. Mathers states "we have a lot of evidence that this (Acanthamoeba keratitis) is a much more common infection than is currently appreciated." The research will focus on identification of Acanthamoeba causing infections in the eye using the confocal microscope and polymerase chain reaction (PCR) for amoeba taken from epithelial biopsies of the infected tissue. PCR is a molecular biology technique which specifically amplifies short segments of DNA. Dr. Mathers will be working with Dr. Ed Stone on the PCR segment of the project.

Dr. Mathers has been appointed to the NIH study section VISA-1, which reviews grant applications for anterior eye disease and includes cornea, external disease, cataract, glaucoma, plastics, virology, uveitis, and refractive surgery. He will serve in this capacity for four years, reviewing about 20 grants at each of three meetings each year. The applications reviewed will be competing for approximately 50 million dollars in possible grant support.

Four Heed Awards Unprecedented

All four physicians currently training as retina fellows have been awarded support from the Heed Foundation for 1997-98.

Dr. Peter Sonkin has received support for his second year of fellowship in vitreoretinal diseases and surgery. The emphasis of his work is on 1) the pathophysiology of retinal capillary occlusion in diabetic retinopathy and the mechanism of action and potential therapeutic benefits of the drug pentoxifylline, and 2) evaluation of retinopathy progression and visual outcome after cataract surgery and potential prognostic indicators in patients with diabetes.

Dr. Jerry Brown has received a Heed-Knapp Fellowship in support of his second year of fellowship. Dr. Brown also received a Heed

Fellowship last year. His current studies include the immunology of multifocal choroiditis with Dr. James Folk; the genetics of cone/rod dystrophy with Drs. Edwin Stone and Alan Kimura; the electrophysiology of RDS gene-associated pattern dystrophies and autosomal dominant neovascular inflammatory vitreoretinopathy and analyzing the short- and long-term variability of electrophysiologic testing with Dr. Edwin Stone; investigating the genetics of several diseases including macular degeneration, dominant optic atrophy and retinitis pigmentosa; the immunology of graft rejection and the efficacy of cyclosporine A with Drs. William Mathers and John Sutphin.

Dr. Alan Franklin has been granted Heed support for his first fellowship year. His research aims are focused on vascular endothelial growth factor (VEGF) and the isolation and characterization of other factors that act in concert with VEGF to mediate ocular neovascularization in diabetes.

Dr. Raj Maturi has also received support for his first fellowship year. He is focused on research in the areas of diabetic retinopathy and macular retinopathy.

Past awardees at Iowa include Michael W. Belin, Christopher F. Blodi, David M. Brown, John A. Campagna, Terry A. Cox, Kathleen B. Digre, Sean P. Donahue, Jonathan J. Dutton, Edward C. Ferguson III, Robert C. Kersten, Richard A. Lewis, Mark R. Mandel, David M. Meisler, Donald R. Miles, Sheldon J. Nankin, Peter Reed Pavan, John J. Purcell, Jr., Jack I. Schnitzer, Gary A. Varley, Gary S. Weinstein, Joel M. Weinstein, and Stewart MacKay Wolff.

Alumni Notes

Dr. Jacob (Koby) Pe'er has been appointed Chair of Ophthalmology at Hadassah-Hebrew University in Jerusalem. Dr. Pe'er, who spent three short sabbaticals in our department working in ocular pathology with Dr. Robert Folberg, has written a number of papers with Dr. Folberg and others here at Iowa and continues collaborations with Dr. Sohan Hayreh and the Blodi Ocular Pathology Laboratory.

Dr. Jose S. Pulido, recently appointed professor in the Department of Ophthalmology, Medical College of Wisconsin, Milwaukee, presented the Kronfeld Lecture on pars planitis during the 21st Annual University of Illinois Residents-Alumni Day. He is author of numerous papers, was

named 1993 Teacher of the Year for the Medical College of Wisconsin, and is a recipient of an Honor Award from the American Academy of Ophthalmology. Dr. Pulido was on the faculty at Iowa from 1987 until 1992, when he was appointed at Wisconsin.

Dr. Kristin Wells (resident graduate 1990) will be moving to Melbourne, Australia in August. Her current address (until August 10,) is Davenport Medical & Surgical Eye Group, 1228 E. Rusholme St., Suite 206, Davenport, IA 52803, phone 319-322-0923 (work); 2325 Fulton Ave., Davenport, IA 52803, phone 319-323-8661 (home). Her address after August 10 will be 1/26A Brenbeal St., Balwyn 3103, Melbourne, Australia, phone 011-61-3-98364550.

PHYSICIANS RETIRE

Dr. G. Frank Judisch and Dr. Karl C. Ossoinig retired from the Department of Ophthalmology at the end June.

Dr. Judisch is continuing as head of the Ophthalmology Clinic at the Iowa City VA Hospital. Dr. Ossoinig is retiring from the practice of ophthalmology.

A detailed article about their careers and accomplishments will appear in the fall issue of the *Iowa Eye* newsletter.

1997-98

Calendar of Events & Clinical Conferences

- September 26, 1997 Age-Related Macular Degeneration Symposium
Wolfe Lecture: Dr. Alan C. Bird
Moorfields Hospital, London, England
Dr. Robert Watzke
Casey Eye Institute, Portland, Oregon
- October 26-30, 1997 American Academy of Ophthalmology
San Francisco, California
Tuesday, Oct. 28: Iowa Eye Association Reception
Colonial Room, Westin St. Francis Hotel
6:30 to 9:30 p.m.
- December 5, 1997 Topic: Cataract
Dr. Randall Olson
Moran Eye Center, Salt Lake City, Utah
- January 30, 1998 Topic: Glaucoma
Dr. Joseph Caprioli
Jules Stein Eye Institute, UCLA
Los Angeles, California
- March 6, 1998 Topic: Pediatric Ophthalmology
Dr. John Simon
Dept. of Ophthalmology, Albany Medical College
Albany, New York
- April 3, 1998 Topic: Cornea / Refractive Surgery
Dr. Stephen Pflugfelder,
Bascom Palmer Eye Institute, Miami, Florida
- June 5-6, 1998 Iowa Eye Association Annual Meeting
(Friday and Saturday only)

UPDATE

Delayed Gratification

Eyeglasses and color prints in just about an hour, instant digital fundus fluorescein angiography, e-mail, faxes, ATM machines, other hi-tech "timesaving" devices – time is being compressed and we all seem to be in such a hurry. How impatient we get with the momentary delays on our computer screens or the even longer intervals of "lost time" when listening to voice mail instructions. Then there are the real delays of waiting for airline tickets, boarding and getting luggage. What about the longer delays, the days, months, and years of planning that go into our pursuit of productive careers. How often do we hear, "nothing gets accomplished?"

The ability to delay gratification is a sign of maturity. The ability to plan and pursue goals even in the presence of obstacles requires patience and maturity. As we approach the year 2000 and our 75th anniversary as an independent department, I thought it would be worth highlighting some of the milestones, which took years of planning and patience, that have been reached in the past year.

New Building

In February 1996, we moved into the Eye Institute in the Pomerantz Family Pavilion. This would not have happened without the support and planning of many people, especially John Colloton and the Pomerantz family, led by Marvin Pomerantz. After our first year in the building, it is clear the planning by the faculty and staff, the guidance of the HLM architectural firm and the support of UIHC staff, especially Assistant Director

*Aerial
View of
UIHC;
Pomerantz
Family
Pavilion
in lower
right.*



Brandt Echternacht and Associate Director John Staley, led to the development of one of the most modern eye centers in the world. It has increased our efficiency, improved our ability to teach and provided an environment where the entire eye care team can effectively work for the benefit of our patients. We currently have more than 60,000 patient visits a year and perform over 3000 surgical procedures (OR, ASC, Ophthalmic Procedure Suites) in addition to nearly 2000 laser surgeries. Our nine subspecialty services and seven ancillary diagnostic units care for patients throughout the midwest, as well as from distant locations in the U.S. and abroad.

Refractive Corneal Surgery

During the spring we joined the University Vision Center of Excellence that includes UCLA, Stanford, Rush-Presbyterian in Chicago, Cleveland Clinic, Tufts and George Washington University. We now have a Novatec laser, a third generation solid-state laser used on an FDA-approved protocol, and a Summit laser that will be shared with community ophthalmologists. In the coming months, LASIK will be added to our refractive surgery armamentarium by Dr. John Sutphin, professor of

clinical ophthalmology and director of refractive corneal surgery.

Optometry Faculty

For over a decade, optometrists have worked side by side with ophthalmologists, the leaders of the eye care team in the department. Optometric services, including routine optometric evaluations, contact lens fitting and low-vision and visual rehabilitation services, have been greatly enhanced. Christine W. Sindt, OD, assistant professor of clinical ophthalmology, is director of general optometric services and the Contact Lens Clinic under the Comprehensive Ophthalmology Service, directed by A. Tim Johnson, MD, PhD, assistant professor of clinical ophthalmology. Dr. Sindt also works closely with the Cornea and External Disease and Pediatric Ophthalmology Services, especially with patients having special medical or postoperative problems such as keratoconus and aphakia. Having spent a year of postgraduate training in low vision, she also devotes time to this service. Mark E. Wilkinson, OD, assistant professor of clinical ophthalmology, has more than a decade of experience working with low vision patients. He will serve as director of low vision and visual rehabilita-

tion in the department and for the new University of Iowa Center for Macular Degeneration. He will continue working part-time at Genesis-East in Davenport, and with Dr. Sindt in our new Dubuque Outreach Clinic at Finley Hospital in association with the Retina Outreach Clinic and community ophthalmologists.

Expansion of Research Program

While the department is ranked among the top 10 ophthalmology programs in the nation according to *US News and World Report*, our commitment to basic research has never been as great as the top institutions on that list. Over the past decade this has changed. The establishment of the Frederick C. Blodi Ocular Pathology and Roy J. Carver Molecular Ophthalmology Laboratories has served as a nidus for change and growth. Dr. Robert Folberg, Frederick C. Blodi Professor of Ophthalmology and Pathology, is leading one of the most highly recognized research programs in ocular melanoma. Dr. Edwin M. Stone, with the help of the Roy J. Carver Charitable Trust and many other philanthropic organizations, has established one of the best molecular ophthalmology laboratories in the world. We have recruited Gregory Hageman, PhD, and his entire research team who will work on the anatomy and cell biology of age-related macular degeneration at the UI Oakdale Research Facility. Over 3,000 square feet of newly renovated space will house state-of-the-art research facilities supported primarily by the National Eye Institute. In the past five years, with support from the College of Medicine, we have nearly tripled our basic research space. Other basic and clinical research pro-

grams are being enhanced or restructured in neurophysiology, electrophysiology, vascular disease, echography, and imaging.

Research and Education

What's in a name? Ophthalmologist, eye doctor, eye care provider, oculist, eye physician, eye MD – it is confusing to the public and even to some of our medical colleagues.

As ophthalmologists our education and training distinguishes us from all other eye care providers. As the leaders of the eye care team, our primary mission should be to combat blindness through patient care. We are first and foremost physicians, and we are the only eye doctors who can offer patients all eye care efficiently and cost-effectively. As a result we should maintain our role as leaders of the eye care team.

In Iowa, the legislature mandated a number of years ago that the department provide continuing education to optometrists. Since then, we have participated in a variety of programs to fulfil this obligation and we have provided additional programs for technicians, nurses, optometrists and ophthalmologists as well as other members of the eye care team. We have also taken on responsibility for a 2-week rotation in ophthalmology required of all 175 medical students in the College of Medicine and for the education of primary care physicians in family medicine.

With approval of the residency review committee of the Association of American Medical Colleges, we have increased the duration of our residency training program from three to four years and reduced the number of residents we take yearly from six to five.

In the coming months, we expect to expand the telecommunications ophthalmic pathology education program begun by Dr. Folberg last fall in collaboration with West Virginia University. We are also increasing our presence on the Internet. Check it out for up-to-date information about the department (<http://webeye.ophth.uiowa.edu>).

To emphasize our renewed commitment to basic as well as clinical research in addition to patient care and teaching, we requested and received approval from the Iowa State Board of Regents to rename the Department of Ophthalmology, the Department of Ophthalmology and Visual Sciences.

UI Center for Macular Degeneration

On September 26, 1997, instead of our usual monthly clinical conference, we will hold an international symposium on age-related macular degeneration to mark the establishment of The University of Iowa Center for Macular Degeneration approved by the board of regents in July. The center will include several independent, but interconnected, multidisciplinary units: evaluation and treatment, education and public awareness, low vision and visual rehabilitation, the Carver Molecular Ophthalmology Laboratory, the Anatomy and Cell Biology Oakdale Research Laboratory, and a gene therapy program.

Join us in Iowa City in September for an informative program and the Wolfe Foundation Lecture to be delivered by Dr. Alan Bird from Moorfields Eye Institute in London.

Thomas A. Weingeist

GRADUATES

(Continued from page 4)

sive Ophthalmology and is teaching residents in ocular pathology here at UIHC.

Dr. Donald Park joined Retinal Consultants of Arizona in Phoenix.

Dr. Anil Patel is remaining at Iowa for a second year of fellowship in neuro-ophthalmology.

Dr. Timothy Polk has joined The Retina Center in Baltimore, Maryland.

Dr. William Walters is now at the St. Louis Eye Clinic, Kirkwood, Missouri.

PROMOTIONS - SUTPHIN

(Continued from page 6)

help of Marcia Hert, RN, and Karen Menzel, COA; and completing recruitment (currently at 50% of goal) for the CT-112 topical aldose reductase inhibitor for diabetic cornea disease study.

Outside the world of ophthalmology, Dr. Sutphin has an active family life. His wife Emily

contributes her time at her son's high school where she will be PSTO president in the coming year, and as a reading tutor at a local elementary school. Their daughter Amanda will be a senior at The University of Iowa this year, their son Rhett, a freshman at Washington University in St. Louis, and son Grant, a sophomore in high school. Dr. Sutphin is accompanying Grant's scout troop to the Philmont National Boy Scout Ranch in New Mexico this summer for a two-week camping and mountaineering excursion. The family is also active in St. Andrew's Presbyterian Church where Dr. Sutphin is a member of the session which serves as the democratic governing body for the church. He also enjoys reading, gardening and tennis.

Update Synopsis

(see page 18 for full article)

- * Department of Ophthalmology and Visual Sciences
- * Eye Institute - Pomerantz Family Pavilion
- * Enhancement of Comprehensive Ophthalmology
- * Optometrists join faculty
- * Education of medical students and primary care physicians
- * UI Center for Macular Degeneration
 - Evaluation and treatment
 - Education and public awareness
 - Low vision rehabilitation
 - Molecular ophthalmology
 - Anatomy and cell biology
 - Gene therapy
- * Recruitment of basic research scientists
- * Expansion and renovation of research facilities

Iowa Eye Association, inc.

Department of Ophthalmology and
Visual Sciences
Pomerantz Family Pavilion
University of Iowa Hospitals and Clinics
200 Hawkins Drive
Iowa City, Iowa 52242-1091

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