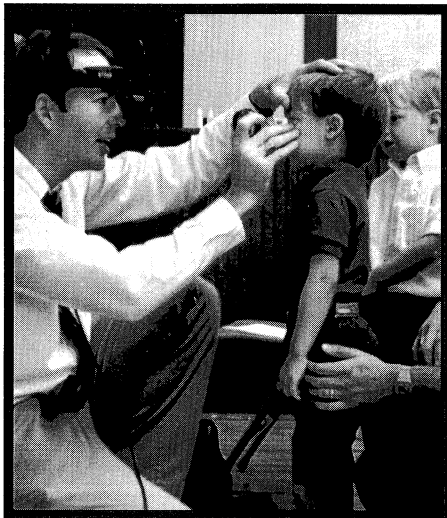


August 1990, Series 2 No. 14

*error, actually #15*

## STONE JOINS FACULTY

## KARDON RECEIVES GRANT



Edwin M. Stone, MD, PhD, has been appointed Assistant Professor of Ophthalmology in the area of heritable eye diseases as of July 1, 1990. Dr. Stone is already well-known to the department having just completed residency training and a 6-month fellowship here.

Throughout his training at The University of Iowa, Dr. Stone has been very active in research and education. He is director of the Molecular Ophthalmology Laboratory,

which he started and where he has been working in his major area of research interest, inherited eye diseases. Dr. Stone recently received a \$350,000 NIH First Award for study of the molecular genetics of age-related macular degeneration. His other research interests include chromosome linkage analysis of autosomal dominant RPE dystrophies and retinitis pigmentosa, the investigation of the molecular mechanism of visual loss in families affected with Leber's hereditary optic neuropathy, and the refinement of psychophysical tests of color vision. Dr. Stone has supervised several students including the 1989-90 Warner Pathology Fellow, several summer research fellows, senior honors research projects, and undergraduate scholars.

Dr. Stone's educational background includes a BA in biology and English from Rice *(continued on page 9)*

Randy H. Kardon, MD, PhD, has been awarded a 4-year Career Development Award and a 3-year Merit Review Award from the Veteran's Administration for over \$500,000. The Merit Review Award will be used to fund research on "Using the Pupillary Light Reflex to Measure Visual Dysfunction." Dr. Kardon, who is an assistant professor in Neuro-ophthalmology, also has received a Fight for Sight Grant-in-Aid in support of research involving "Automated Pupil Perimetry in Visual Field Loss."

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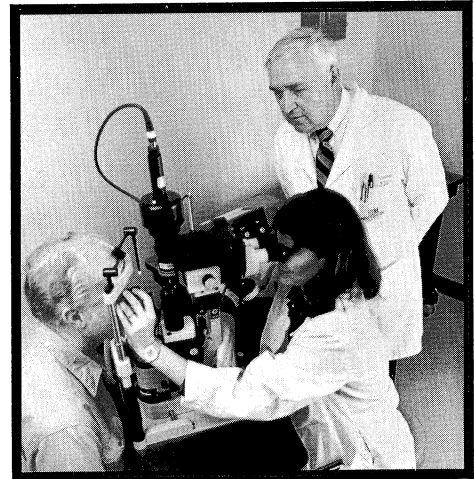
# DEPARTMENT NEWS

## NEW VA HOSPITAL EYE CLINIC

Faculty, fellows, and residents are now enjoying the remodeled and redesigned eye clinic at the VA Medical Center in Iowa City. The clinic houses 4 examining rooms with all new equipment designed for optimal care and maximum efficiency. New equipment includes an argon laser, an ocular fundus camera, an automated perimeter, a cryogenics unit and an operating microscope.

The new facility will enable the staff to serve more patients and provide higher quality care. Last year 4,996 patients were seen at the clinic and 229 operations were performed.

The VA eye clinic, directed by Dr. Frank Judisch, is staffed by an associate and 2 residents. Faculty coverage is provided on a scheduled as well as an "as needed" basis. The physicians are assisted by 2 technicians, Rose Lipsius and Glenda Smith. Nancy Freeman, RN, recently joined the staff. She comes with more than 6 years experience in ophthalmology and has considerable skill in performing many ancillary types of ocular examinations. Her experience in clinic management is also greatly appreciated.



*Dr. John Kasik, Chief of Staff at the VA, looks on as Dr. Kristen Wells demonstrates the new argon laser with a patient.*

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## GRADUATING RESIDENTS AND FELLOWS

Two residents and 9 fellows completed training in the Department of Ophthalmology in June. **Dr. Donald L. McCormack** has joined the general ophthalmology practice of Drs. Richard B. Oglesby and Robert Yofelevsky in St. Louis, Missouri.

**Dr. Kristen K. Wells** plans to travel with her husband to Hawaii and Australia over the next 3 months. She will then look for a position in private practice.

**Dr. Peter Gloor** completed a 1-year fellowship in cornea/external disease. He has been appointed assistant professor and acting director of the Cornea Service at Yale University.

**Dr. Gerard L. Hershewe** completed a 1-year fellowship in neuro-ophthalmology. He is now practicing ophthalmology in Reno, Nevada.

**Dr. Stephen E. Higgins** finished a 1-year fellowship in cornea/external disease. He has joined Kalamazoo Ophthalmology in Kalamazoo, Michigan.

**Dr. Andrew S. Kimmel**, who completed a 2-year fellowship in vitreoretinal diseases, is going into private practice in Bethlehem, Pennsylvania. He will be affiliated with St. Luke's Hospital.

**Dr. Michael A. Krasnow** completed a 1-year fellowship in glaucoma. He is practicing with Huntington Eye Associates in Huntington, West Virginia.

**Dr. Kim S. Mallick**, who completed a 2-year fellowship in vitreoretinal diseases, is entering private practice with Dr. Richard Munsen in Seattle, Washington. *(continued on page 9)*

# Folberg and Keech Promoted



**ROBERT FOLBERG**

Dr. Robert Folberg and Dr. Ronald V. Keech were promoted to Professor and Associate Professor, respectively, effective July 1, 1990. Dr. Folberg is Professor of Ophthalmology and Pathology and Director of the Ocular Pathology Laboratory. Dr. Keech is Associate Professor in Pediatric Ophthalmology and Adult Strabismus.

Dr. Folberg joined the University of Iowa Ophthalmology Faculty in 1984, after having served as Medical Director of Laboratory Services, Co-Director of the Department of Pathology, and Technical Director of the Eye Pathology Laboratory at Wills Eye Hospital. He was also Assistant Professor of Ophthalmology and Pathology at Thomas Jefferson University in Philadelphia.



**RONALD V. KEECH**

Dr. Keech, who joined the UI faculty in 1985, as Assistant Professor of Ophthalmology, previously was a clinical instructor at the University of Oregon Health Science Center while in private practice in Portland, Oregon. He completed a Pediatric Ophthalmology Fellowship at the UI in 1979.

Dr. Folberg began his higher education at LaSalle College in Philadelphia, where he received his BA maxima cum laude in biology in 1971. He completed his MD with honors at Temple University and finished residencies in ophthalmology and pathology at Wills Eye Hospital and Temple, respectively, in 1980. From 1980-82, he trained as a fellow in ophthalmic pathology at the Armed Forces Institute of

Pathology in Washington, D.C., on an NIH Fellowship.

Dr. Folberg's honors include the Senior Scientific Investigator's Award from Research to Prevent Blindness in 1989, an Honor Award from the American Academy of Ophthalmology in 1988, and membership in the Verhoeff Society in 1988.

Dr. Folberg's current research projects include developing an animal model of human uveal and conjunctival melanoma, reviewing the pathology of uveal melanomas enucleated at The University of Iowa, and developing an instructional program in ophthalmic pathology utilizing interactive videodisc computer-assisted technology. His research has thus far resulted

*(continued on page 4)*

## FOLBERG AND KEECH PROMOTIONS

*(continued from page 3)*

in 62 publications in peer-reviewed journals and several books and chapters. He is frequently invited to lecture at hospitals around the country.

At The University of Iowa, Dr. Folberg serves on the Ophthalmology Curriculum Committee which drafted the current curriculum for the residency training program, and the Continuing Medical Education Committee for the College of Medicine. He is Chair of the Advisory Committee for The University of Iowa Central Electron Microscopy Facility and is a member of the Clinical Coordinating Committee for the UI Cancer Center.

Dr. Folberg's many professional affiliations include the American Academy of Ophthalmology, the Association for Research in Vision and Ophthalmology, the United States-Canadian Academy of Pathology, the College of American Pathologists, the American Association of Ophthalmic Pathologists, the International Society of Ophthalmic Pathologists, and the American Medical Association. He served from 1983-87 as a member of the Editorial Committee for Ophthalmic Pathology, Basic Clinical and Science Course for the American

Academy of Ophthalmology and is currently head of that committee.

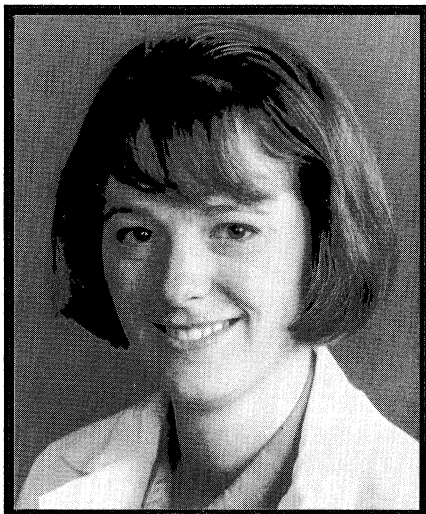
A Phi Beta Kappa student, Dr. Keech received his BA from Occidental College in Los Angeles in 1970, and his MD from the University of California, San Francisco in 1974. He then interned in surgery at the University of California-Irvine in Orange, California, for 1 year before beginning his ophthalmology residency at the University of Southern California, Los Angeles County Medical Center.

Dr. Keech's research has resulted in 23 publications in peer-reviewed journals and 4 book chapters. He is currently involved in 3 major research projects: animal research on adjustable sutures in strabismus, review of congenital cataract surgery techniques, and the development of techniques for visual acuity assessment in infants. He is also a co-investigator for a \$3 million federal grant on "The Efficacy of Prism Adaptation in Acquired Esotropia." He has presented numerous lectures locally and at meetings around the country.

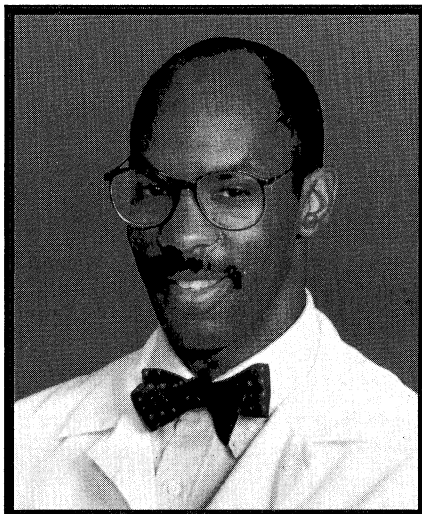
In addition to his research and teaching activities at the UI, Dr. Keech was a participant in The University of Iowa

Medical Student Mentor Program in 1988. He is currently Chairman of the Department of Ophthalmology Quality Assurance Committee, a member of the Iowa Memorial Union Review Committee, the Protection of Persons Subcommittee, and the Child Abuse Panel at UIHC. Dr. Keech is a fellow of the American Academy of Ophthalmology and Secretary of the Iowa Academy of Ophthalmology, as well as a member of the Iowa Eye Association, the American Association for Pediatric Ophthalmology and Strabismus, the Association for Research in Vision and Ophthalmology, and the Iowa Medical Society.

# NEW RESIDENTS

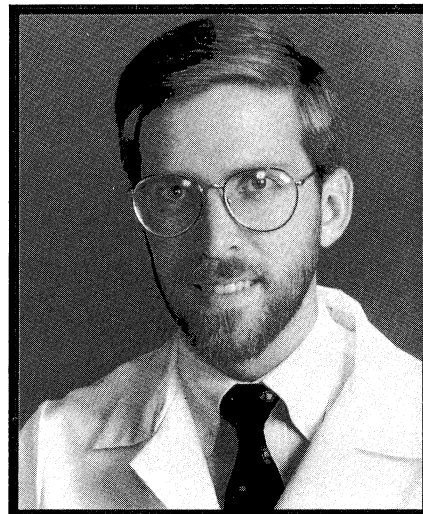


**Gwenda "Wendy" J. Ahlgrim, MD**, completed a one-year internship at St. Vincent Hospital in Indianapolis. She received her MD degree in 1989 from Vanderbilt Medical School and a BS in chemistry and zoology from Butler University in 1985. Dr. Ahlgrim's outside interests include long-distance running, scuba diving, gourmet cooking, and aquariums.



**Bernard F. Godley, PhD, MD**, completed his internship at Brigham and Women's Hospital in Boston. He received his MD from Harvard in 1989, and a PhD in neuroscience from MIT in 1987. Dr. Godley earned an AB degree in biology from Brown University in 1980. He has received several research fellowship awards and has published several articles in peer-reviewed journals.

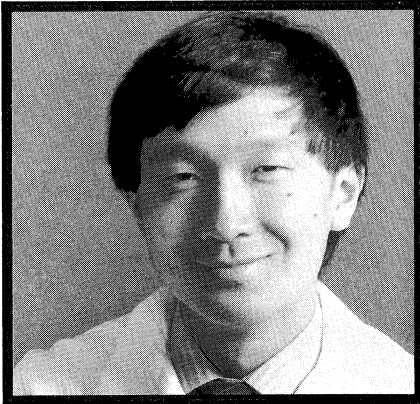
Dr. Godley enjoys skiing and tennis.



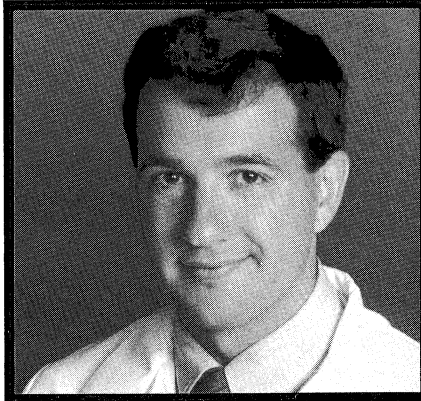
**J. Kevin McKinney, MD**, who recently returned from 8 months working in Nigeria, received a BS degree in biology in 1983, and an MD degree in 1987, both from Baylor. Dr. McKinney completed a transitional internship at St. Joseph Hospital in Houston, Texas, in 1988, and went on to earn an MPH degree from Johns Hopkins in 1989.

# NEW FELLOWS

## Cornea/External Disease

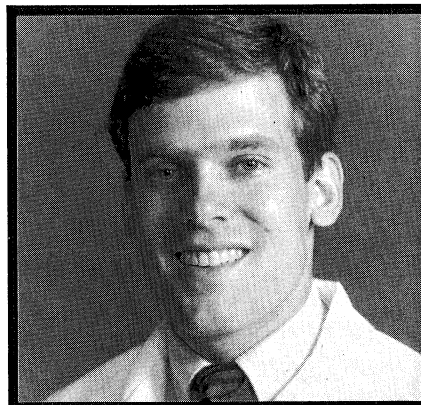


**Sheridan Lam, MD** completed a BS degree in medical science in 1980 and an MD degree in 1984, both at Northwestern University. He subsequently completed a transitional internship at Swedish Covenant Hospital in 1985, and an ocular pathology fellowship at the University of Illinois Eye and Ear Infirmary in 1986. He then trained in ophthalmology at the University of South Florida, finishing in 1989. He has just completed a fellowship in uveitis at the University of Illinois Eye and Ear Infirmary.



**Christopher J. Rapuano, MD**, received an AB degree in human biology from Brown University in 1982 and an MD degree from Columbia University in 1986. He completed a medicine internship at Mount Auburn Hospital, Cambridge, Massachusetts, in 1987, and training in ophthalmology at Wills Eye Hospital in June 1990.

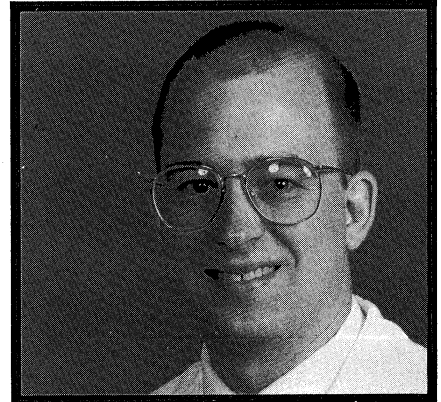
## Glaucoma



**Roger A. Barth, MD**, completed his residency training in ophthalmology at Washington Hospital Center, Washington, D.C. He received his BS in biol-

ogy (1981) and his MD degree from the University of Washington (1985). He then did a transitional internship at Deaconess Medical Center, Spokane, Washington, in 1986.

## Molecular Ophthalmology

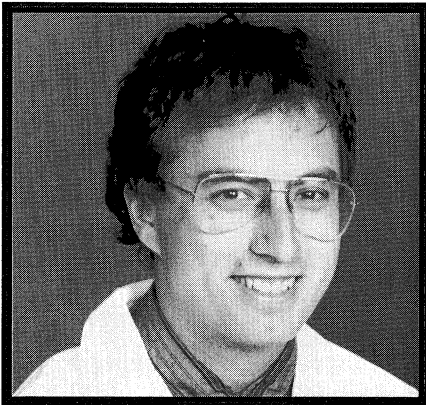


**Brian P. Weismann, MD**, a native of West Branch, Iowa, began a 6-month pre-residency research fellowship in molecular ophthalmology. Dr. Weismann received his BS in zoology from Iowa State University in 1985 and an MD from the University of Iowa in 1989. He recently completed a one-year internship at Kalamazoo Hospital, Kalamazoo, Michigan. He will begin his ophthalmology residency at The University of Iowa in January 1991.

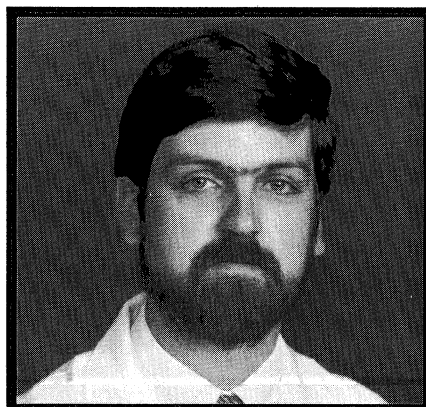
## NEW FELLOWS

*(continued)*

### Neuro-ophthalmology



**Jason J.S. Barton, MD**, a native of British Columbia, Canada, recently completed a residency in neurology. Dr. Barton studied biology and chemistry and later completed his MD degree at the University of British Columbia in 1984. He completed a rotating internship at Ottawa Civic Hospital (1985) and an internal medicine residency at Vancouver General Hospital in 1986.



**Timothy J. Martin, MD**, completed an internship in medicine prior to his ophthalmology training at Bow-

man Gray School of Medicine, Wake Forest University. He received a BA in math/religious studies from Milligan College in 1980 and completed pre-med prerequisites at the University of Hawaii in 1981. He received his MD from the Medical College of Virginia in 1986.

### Oculoplastics



**Gene R. Howard, MD**, received a BA in government from Bowdoin College in Maine in 1978, and an MPH from Johns Hopkins in 1979. He received his MD degree in 1984, and completed an internship in medicine in 1985, at Johns Hopkins. He completed ophthalmology training at the University of Illinois in 1990.

### Pediatric Ophthalmology



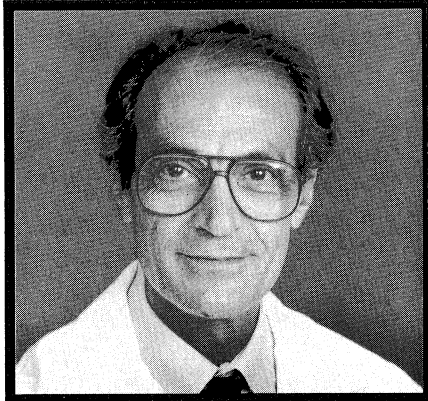
**Gilda M. Bradford, MD**, was born in Havana, Cuba. She completed her residency in ophthalmology at the University of Mississippi Medical Center, where she also received her MD (1985) and completed an internship in internal medicine and neurology in 1986. Dr. Bradford previously received a BA in theology from Notre Dame and then completed the pre-medical curriculum at Millsaps College in Jackson, Mississippi, in 1981. She also completed the Lancaster Basic Science Course in Ophthalmology in Waterville, Maine, and an Ophthalmic Pathology Course at the Armed Forces Institute of Pathology in Washington, D.C., in 1989.

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## NEW FELLOWS

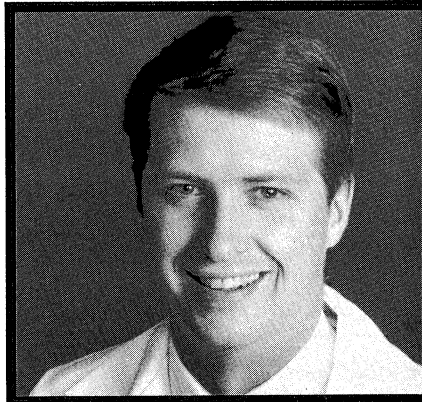
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### Vascular Diseases

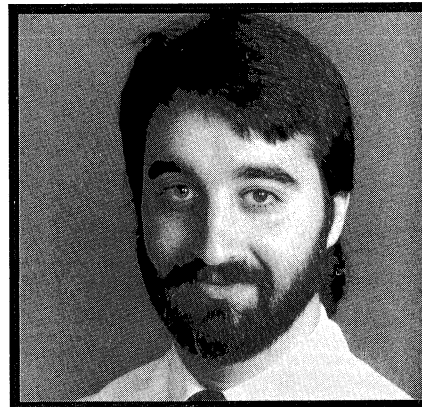


**Mahmood Talebi, MD**, a native of Iran, came to the U.S. in 1986 as a permanent resident. He completed medical school and a rotating internship in internal medicine, general surgery, and ophthalmology at the University of Tehran in 1962. He then studied ophthalmology at the Institute of Ophthalmology and Moorfield's Eye Hospital in London from 1967-69 and was Senior House Surgeon at the Sunderland Eye Infirmary in England from 1969-70. He has been involved in research at the University of California, Irvine, has practiced ophthalmology for several years, and has taught at the Gondi-Shapoor Medical School in Tehran. He has recently been in private practice in New Hampshire. Dr. Talebi is married and has 2 children.

### Vitreoretinal Diseases And Surgery



**Todd W. Heilskov, MD**, a Hampton, Iowa, native, received both his BS in general science (1983) and his MD degree (1986) from The University of Iowa. He completed a transitional internship at Tucson Medical Center, Tucson, Arizona, in 1987, before beginning his residency in ophthalmology at Bascom Palmer Eye Institute.



**Jonathan M. Hershey, MD**, recently finished his residency in ophthalmology at Washington University, St. Louis. He also received

his MD from Washington in 1985, and a BA degree in natural science from Johns Hopkins University in 1981. In 1986, he completed a transitional internship at Evanston Hospital, Evanston, Illinois.

### RETIREMENTS

Two long-time staff members in the department recently retired: Naomi Lee, clinic receptionist for many years, retired at the end of March; June Oldfield, who was in charge of billing for the department, retired in mid-May. Both Lee and Oldfield were honored at individual receptions by the department for their many years of valued service. They were also honored guests with several other retiring university employees at a special Staff Recognition Reception hosted by President Hunter Rawlings III and the Staff Council.



# P.J. LEINFELDER AWARD

The 1990 P.J. Leinfelder Award was presented to a resident, a fellow, and an associate at the annual Residents/Fellows Research Conference held June 15-16, 1990.

**Paul M. Munden, MD**, third-year resident, received the award for his presentation, "Palpebral Fissure Responses to Topical Adrenergic Drugs." His co-investigators were Keith D. Carter, MD; Chad Dennison, BS (medical student); and Randy H. Kardon, MD, PhD.

**Robert J. Morris, MD**, fellow in Pediatric Ophthalmology, was honored for his presentation, "The Role of Superior Oblique Tuck Surgery in the Management of Superior Oblique Palsies," co-authored with William E.

Scott, MD, and Ronald V. Keech, MD.

**Edwin M. Stone, MD, PhD**, won the award for a presentation entitled "MAE III Positively Detects the Mitochondrial Mutation Associated with Type I Leber's Hereditary Optic Neuropathy." His co-investigators were Jeffrey Coppinger, BS (medical student); John Donelson, PhD (Dept. of Biochemistry); Randy H. Kardon, MD, PhD; H. Stanley Thompson, MD; and James J. Corbett, MD.

## GRADUATIONS

*(continued from page 2)*

**Dr. Mark J. McCarthy**, after completing his residency and a 6-month vascular fellowship, has begun a 1-year retina fellowship at the Kellogg Eye Center of the University of Michigan in Ann Arbor.

**Dr. Robert J. Morris**, completed 1-year as a fellow/associate in pediatric ophthalmology. He has returned to his home in England as a consultant at Southampton Eye Hospital of the University of Southampton.

**Dr. Richard C. Warren** completed a 1-year fellowship in oculoplastics. He has joined a group practice, Ocala Eye Surgery, Inc., in Ocala, Florida.

## STONE

*(continued from page 1)*

University, and an MD and a PhD in cell biology from Baylor. He completed a flexible internship in 1986 at St. Joseph Hospital in Houston, Texas.

Among the many awards he has received are the Sigma Xi Award for PhD Thesis Excellence, the National Student Research Forum Award in Cell and Molecular Biology, the H.J.

Ehlers Award in Surgery and the Award for General Excellence in Surgery, Outstanding Intern in the Department of Medicine at St. Joseph Hospital, and the P.J. Leinfelder Research Award for Ophthalmology Residents and Fellows in 1989 and 1990.

He is currently a member of the Ophthalmology Resident Selection Commit-

tee and was advisor to the national Ophthalmology Resident Alliance Program sponsored by Allergan, Inc., in 1988-89.

Dr. Stone is married to Mary S. Stone, MD, Assistant Professor of Dermatology at the University. They have a son, Nicholas.

# UPDATE



The Department of Ophthalmology has 3 missions: patient care, education, and research. Over the past 50 years, we have excelled in patient care, education, and clinical research. Although we have not had as strong a program in basic research, that is changing. In the past few months, major research awards were received by 2 senior faculty members -- Drs. Folberg and Hayreh -- and 2 junior faculty members -- Drs. Kardon and Stone. Dr. Kardon is the first member of the department to receive a VA Career Development Award as well as a Merit Award. These grants will

allow him time to pursue research interests in neurophysiology and to continue to work on the development of an objective means of measuring visual field disturbances. Dr. Stone, the most recent addition to the faculty, is the first member of our department to receive an NIH First Award. These funds will enable him to expand the Molecular Ophthalmology Laboratory which he established as a resident, and to continue studies dealing with the molecular genetics of age-related macular degeneration and other potentially blinding disorders. I am exceedingly proud of the accomplishments of these 4 ophthalmic clinicians and research scientists. At a time when research funds are at a premium and competition is fierce, they have succeeded in gaining recognition and financial support for their academic accomplishments. Congratulations!

Mark your calendars for the second Friday of September and January, and the first Friday of October, December, February, March and April. During the 1990-91 academic year, the Clinical Conferences will be on Fridays rather than Wednesdays. By now you should have received an official program with the names of such guest speakers as Joseph Calhoun, Don Gass, Manus Kraff, Neil Miller, and Narsing Rao. Plan ahead and let us know by phone (Jean Hill, RN -- 319/356-3069) if you plan to present patients. We have changed the dates to try and accommodate more physicians and we hope you will continue to play an active role in these educational conferences. In September, the faculty will be presenting a program dealing with diabetes. I look forward to seeing you then.

*Thomas A. Weingeist*

## FACULTY

**Dr. Frederick C. Blodi**, Professor Emeritus, has been elected president of the American Ophthalmological Society. His term will be for one year beginning May 22, 1990.

**Dr. Edwin M. Stone**, Assistant Professor, is editor with

Dr. R.J. Schwartz (Baylor, Department of Cell Biology) of a book, *Intervening Sequences in Evolution and Development*, which was recently published by Oxford University Press.

**Dr. Keith D. Carter**, Assistant Professor, has been elected to the Executive Committee of The University of Iowa College of Medicine.

## OBITUARY

Dr. Ross Lambert recently died of a heart attack in Macon, Georgia. Dr. Lambert was a resident in the UI Department of Ophthalmology in 1976-1977.

# COMING EVENTS

- September 14      **Diabetic Retinopathy Workshop**  
Iowa Academy of Ophthalmology  
Department of Ophthalmology Faculty
- October 5          **Mansour F. Armaly, MD, Professor & Chair**  
George Washington University, Washington, D.C.  
Glaucoma
- October 28 -  
November 2      **American Academy of Ophthalmology**  
**Alumni Reception - Oct. 30, 6:30 pm**  
Tara Ballroom 1-4, Radisson Hotel, Atlanta, Georgia
- December 7        **Narsing A. Rao, MD, Professor**  
Doheny Eye Institute, USC, Los Angeles  
Pathology - Uveitis and Ocular Inflammation
- January 11, 1991   **Manus C. Kraff, MD, Clinical Professor**  
Northwestern University, Evanston, Illinois  
Cataract and Refractive Surgery
- February 1        **Neil R. Miller, MD, Professor**  
Wilmer Eye Institute, Johns Hopkins University, Baltimore  
Neuro-ophthalmology - Molecular Genetics &  
Compressive Optic Neuropathy
- March 1            **Joseph H. Calhoun, MD, Professor**  
Wills Eye Hospital, Philadelphia  
Director, Pediatric Ophthalmology and Strabismus
- April 5             **Wolfe Lecture**  
**J. Donald M. Gass, MD, Professor**  
Bascom Palmer Eye Institute, Miami  
Retina
- April 29 - May 4   **ARVO**
- June 6, 7, and 8   **Iowa Eye Association**  
Iowa Memorial Union
- Braley Lecture:*    **Ronald E. Smith, MD, Professor**  
Doheny Eye Institute, USC, Los Angeles  
Cornea, Uveitis
- Guest Speakers:*   **Stephen A. Obstbaum, MD, Associate Clinical Professor**  
Lenox Hill Hospital, New York  
Cataract, Anterior Segment Surgery
- Carmen A. Puliafito, MD, Associate Professor**  
Massachusetts Eye and Ear Infirmary, Harvard, Boston  
Anterior and Posterior Segment Lasers

## IOWA EYE ASSOCIATION OFFICERS

New officers for the 1991-92 year were elected at the recent annual meeting of the Iowa Eye Association. They are as follows:

### **President**

John Graether, MD  
Marshalltown, Iowa

### **President-Elect**

Fred Fuerste, MD  
Dubuque, Iowa

### **Secretary**

Christopher Blodi, MD  
University of Iowa

### **Treasurer**

Michael Bresnahan  
University of Iowa

The immediate past president is Clifford Hendricks, MD, of Cedar Rapids, Iowa.

### **CANCER INFORMATION SERVICE**

The University of Iowa's Cancer Information Service is available to respond to questions about cancer risk factors, prevention, treatment, research, diet and nutrition, support services, etc. Free literature is available upon request. For more information about the service, call the Iowa toll-free number 1-800-237-1225 or visit the Cancer Center, 20 Medical Laboratories. Office hours are 8:00 am - 5:00 pm, Monday through Friday.

 **Iowa Eye Association, inc.**  
University of Iowa Hospitals and Clinics  
Department of Ophthalmology  
Iowa City, Iowa 52242

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Editor: E. Diane Anderson  
Adviser: Thomas A. Weingeist, M.D.

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Please direct comments and inquiries to the editor: 319/356-0453