

THE

IOWA EYE NEWS

DEPARTMENT OF OPHTHALMOLOGY THE UNIVERSITY OF IOWA

Tom Weingeist New Head

On September 17th the Iowa Board of Regents made it official. The Dean's search committee was disbanded and Tom Weingeist was named as the new head of the Department of Ophthalmology.

Dr. Weingeist's father, Samson Weingeist, directed the Motility Clinic at the New York Eye and Ear Infirmary and was acting chairman at Albert Einstein until Paul Henkind took the job. His mother, Fausta trained as an orthoptist in Iowa City in 1954.

Following six years at Columbia University in New York, Dr. Weingeist received a Ph.D. in Cell Biology; his subject was the fine structure of the ciliary body and its relationship to aqueous humor formation. At the invitation of Drs. Spivey and Blodi he interviewed and was accepted to the College of Medicine with advanced standing at the University of Iowa. With funds from the Iowa Lions and the National Institutes of Health he established the Ophthalmic Electron Microscopy Laboratory.

Dr. Weingeist has been on the faculty of the Department since July 1976 and a professor since 1983. He served as the Chief of Ophthalmology at the Veterans Administration Medical Center in Iowa City from 1980 to 1985 and became the Director of the Vitreoretinal Service in 1984. He has been active in continuing medical education both in Iowa and nationally and is a member of the Retina, Vitreous, and Macula Societies. He is chairman of



Thomas Alan
Weingeist, M.D., Ph.D.

Section 1 of the Basic and Clinical Science Course of the American Academy of Ophthalmology and chairman of the Credentials Committee of the Macula Society. He is interested in ultrastructural anatomy and pathology of the eye, ocular trauma and choroidal melanomas. Dr. Weingeist is the principal Iowa investigator on the NIH Collaborative Melanoma Study (COMS) Clinical Center grant and is principal investigator of the COMS Photographic Reading Center grant. The department is looking forward to a period of vigorous growth under Dr. Weingeist's leadership.

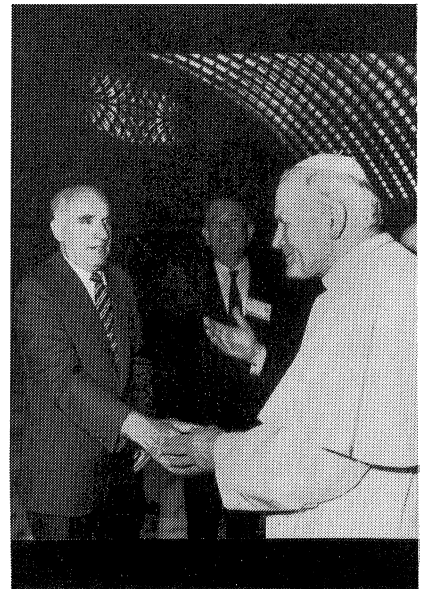
Academy Alumni Party

The Iowa Eye Alumni party at the American Academy of Ophthalmology meeting in New Orleans will be held in the Hotel Marriott, Salons F-H, on Tuesday, November 11th from 6:30 p.m. - 8:30 p.m.

Blodi Meets Pope

Dr. Blodi was one of the handful of world leaders in Ophthalmology introduced to Pope John Paul at the Vatican during the International Congress of Ophthalmology which took place in Rome in May 1986.

Dr. Blodi will be on leave of absence from the Department from October 1986 to April 1987 while he is medical director at the King Khaled Eye Hospital in Riyadh, Saudi Arabia.



Blodi Professorship

This fund has now passed the \$450,000 mark after three years. More than 325,000 in pledges remain to be collected during the next two years.

MORE FACULTY NEWS

Perkins Retires

A farewell party was held for Terry and Anne Perkins at The Lark on September 24. It was a delightful evening. Drs. Weingeist, Blodi and Hayreh said a few words and Dr. Perkins was presented with a video camera/recorder. Here are some excerpts from Dr. Hayreh's remarks:

"I first met Terry 25 years ago at the Institute of Ophthalmology at the University of London. At that time, I was a diffident young research fellow, newly arrived from India; he was a professor at the University of London, a consultant ophthalmologist at the famous Moorfields Eye Hospital, and a supervisor of the experimental laboratory. I was awe-struck and hardly dared to speak to him.

Our friendship grew steadily over the years. Whenever I was in difficulties or needed advice, I went to him, and I was made to feel welcome. Unlike many of the British professors, he was never formal in his attitude or in his dress. We collaborated in a number of research projects on glaucoma. In 1978, when he was thinking of leaving the Institute of Ophthalmology in London, I persuaded him to visit us in Iowa. He must have been impressed by the place and the people; Dr. Blodi made him an offer and worked out the details.

Because of his modesty we tend to forget Terry's many professional achievements. In the field of ophthalmic research, he has made a tremendous impact in a number of areas over the past 35 years or more. We all use Diamox now for glaucoma, but Terry was one of the pioneers to research and establish its usefulness in 1955. Laser iridotomy is commonplace now - but much of the pioneering work was done by Terry Perkins. We all use the Perkins tonometer. These are just a few examples of his pioneer-

ing research. His outstanding contributions in the areas of uveitis, glaucoma, tonometry, and laser are well known. He is an international authority in these and other areas, and has published about 200 research papers. The ninth volume of Duke-Elder's famous System of Ophthalmology - "The Ophthalmologists Bible" - was written by Terry Perkins. There are a thousand pages in volume 9 on diseases of the uveal tract. He has also written other smaller books on ophthalmology. He even wrote the chapter on the eye and vision for the Encyclopaedia Britannica. He has not rested on these laurels, however. He has recently been fascinated with myopia, the ocular pulse, and low vision. This is all evidence of a truly original mind. But Terry has always been, as he is now, a quiet, modest, unassuming, friendly man.

Apart from his research work, Terry has been active in various international organizations. From the Institute of Ophthalmology, 22 years ago he organized a research group which has grown into the European Association of Eye Research - a counterpart of ARVO. He was its chairman for the first six years of its life. He is a consultant to a number of international organizations, including the World Health Organization, and has been on the editorial board of a number of ophthalmic journals.

I have said that the variety of his professional achievements shows a truly original mind. But for two people in their middle years to leave an established way of life, a comfortable home, and a familiar environment in London, to emigrate to a new country and a very different culture and to make a whole new set of friends and activities, as Anne and Terry have done, shows tremendous courage and adaptability. Many of you know that Terry and Anne brought with them a variety of

talents and interests which have enriched our community. Terry not only plays the violin and cello but also builds them. I understand that is what he is going to be doing in his so-called retirement. Anne is a gifted artist and some of you may have seen her paintings at a recent exhibition. Both are keen outdoor people; they like fishing, camping, and birdwatching. We are all delighted to learn that they have decided to stay in Iowa City, and we wish them many years of happy and productive retirement in our midst."

Sohan Singh Hayreh

Jim Folk Director of Vitreoretinal Service



Since Dr. Weingeist's attention is going to be on departmental matters, he has asked Dr. James Folk to direct the Vitreoretinal Service. Jim Folk got his MD from Jefferson in Philadelphia and did his eye residency in Pittsburgh from 1977-80. He was a retina fellow in Iowa City and has been on our retina faculty since January 1982.

The Vitreoretinal Service has received a new grant from the NIH to run the Photographic Reading Center of the Collaborative Ocular Melanoma Study. Paul Montague will be the director of the Reading Center with Dr. Folk functioning as associate director. They will be responsible for grading and interpreting photographs from 29 clinical centers in the U.S. and Canada during the next five to 10 years.

Tse Moves On

David Tse, M.D., will be moving this month to Miami, his home town. He will be doing oculoplastic and orbital surgery at the Bascom-Palmer Eye Institute. A farewell party will be held on Oct. 29.

Dr. Krachmer in Japan

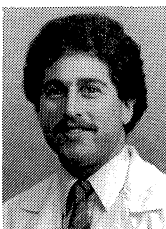
Baush and Lomb is sponsoring Jay Krachmer on a lecture tour to four Japanese cities. Dr. Krachmer will lecture on corneal diseases in Tokyo, Osaka, Nagoya and Kyoto between October 7 and 21.

Perell Directing Glaucoma Service



H. Rick Perell will be director of the Glaucoma Service until June 30, 1987. Rick was an undergraduate at Dartmouth, a medical student at NYU and a resident in Iowa City from 1982 to 1985. He has completed a glaucoma fellowship at Emory University with David Campbell and Angela Vella in Atlanta and is now a visiting assistant professor at the University of Iowa.

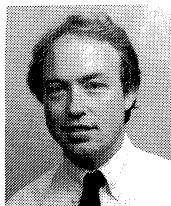
NEW RESIDENTS



Lee Birchansky was born in Miami, Florida on December 30, 1958. He attended Miami-Dade South College from 1977 to

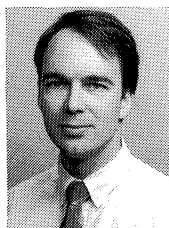
1979 and graduated from Florida Atlantic University with a Bachelor's degree in Chemistry in 1981. Lee graduated from the University of Miami School of Medicine in May of 1985.

Besides his distinguished academic record, Lee has found time to receive a certificate in computer data processing and worked at various jobs to support his education. His interests include playing the saxophone and clarinet and conducting.



Mark McCarthy was born in Davenport, Iowa on May 2, 1956. After attending Springhill College in Mobile, Alabama, he transferred to the University of Iowa and received a Bachelor of Science degree in 1978. He completed his M.D. degree in 1983 at the University of Iowa College of Medicine.

He has had numerous academic honors and has published research papers in gastroenterology. Mark went on to an internship and residency in Internal Medicine at the Yale-New Haven Hospital in Connecticut where he finished in June of 1986. His other interests include computer program design and various sports.



Edwin Stone was born in Montgomery, Alabama on April 9, 1956. He graduated from Rice University in 1978 with a Bachelor's degree in Biology and English. He went on to the Baylor College of Medicine in a combined Ph.D., M.D. program where he received a Ph.D. in Cell Biology in 1983 and his M.D. in 1985.

Ed has an outstanding academic record with numerous publications in the field of cell biology. Besides his research, he has maintained interests in sports, photography and music.

NEW FELLOWS

Retina-Vitreous/Vascular Disease

Patrick Coonan, Pacific Medical Center, San Francisco;

Stephen Russell, Bascom Palmer Eye Institute, Miami.

Pediatric Ophthalmology

Richard R. Heckert, George Washington University, Washington, D.C.

Oculoplastics

Timothy Malone, Georgetown University, Washington, D.C.

Neuro-ophthalmology

Dan Jacobson, University of Pittsburgh, Pennsylvania

Jane Durcan, University of Utah, Salt Lake City.

Echography

Jo Fukiyama, Miyazaki, Japan

Cornea

Robert Weisenthal, Scheie Eye Institute, Philadelphia;

William Whitson, University of Washington, Seattle.

Dr. Phelps' book published

The book that Dr. Phelps was working on at the time of his death has been completed with editorial help from Hansjoerg Kolder. It is called "A Manual of Common Ophthalmic Surgical Procedures" and is published by Churchill Livingstone, New York. It contains 27 handsomely illustrated chapters by members of the Iowa faculty and their former fellows.

Glaucoma Group to Honor Dr. Phelps

The glaucoma group known as A.N.G.L.E. has grown into The American Glaucoma Society. George Spaeth is the president of the new society, Richard Simmons is the vice-president and M. Bruce Shields is the program chairman. The society's first scientific program will be held in Iowa City in honor of Dr. Phelps (June 12 and 13, 1987 at the Holiday Inn) and the first Phelps Lecture will be presented by Dr. Stephen Drance.

Iowa Eye Association

The 1986 Iowa Eye meeting held last June honoring Dr. Alson E. Braley on his 80th birthday was a great success. Sixty-five physicians from outside the department registered. More than 100 letters of appreciation were presented to Dr. Braley in a leatherbound folder and alumni and friends donated more than \$10,000 to the establishment of the Alson E. Braley Enrichment Fund. The fund will be used to support pilot research projects of residents and fellows and will also provide for a special travel fund for members of the Ophthalmology Department to visit other institutions to learn new clinical and laboratory techniques. Friends and alumni will make annual contributions of \$50 or more to the fund and the accrued interest will be reinvested until sufficient funds are available for research and travel. The names of contributors to the fund have been inscribed in an elegant hand on a framed document which hangs in the Braley Conference Room.

Dave Townes of Bismark, N.D. presided at the meeting and Dick McKay of Waterloo was president-elect. Tom Weingeist retired from his position as secretary-treasurer after serving for nine years. Chris Blodi was elected secretary and program coordinator and Michael W. Bresnahan, the Department Administrator, was named treasurer. Stephen H. Wolken was voted president-elect.

Bill Argus, a fellow in glaucoma with Dr. Phelps, won the Alson E. Braley golf trophy. The Frederick C. Blodi tennis trophy was won by third year resident Randy Brenton and Tom Weingeist.

Dorsey Phelps was presented with the Charles D. Phelps birdwatching trophy. These perpetual trophies will be handed on from year to year. A plaque with the names of the recipients of these awards hangs in the Department.

Randy Kardon was given the P.J. Leinfelder award (for the second year in a row) for his seminar dealing with the development of a prototype visual field apparatus in which the patient's pupillary response is used to indicate whether the stimulus was perceived. For his prize last year he chose Miller's 4th edition of Walsh & Hoyt's three-volume neuro-ophthalmology textbook. At the completion of his residency Dr. Kardon will be spending a two year fellowship in neuro-ophthalmology with Drs. Stan Thompson and James Corbett.

The 1987 meeting will be next June 4, 5, & 6 and will take place at the Holiday Inn in downtown Iowa City. A block of rooms will be held until May 15 and anyone wishing to make reservations may contact the Holiday Inn directly: Holiday Inn -Iowa City, 210 South Dubuque Street, Iowa City, Ia. 52240 (319/337-4058).

Visitors

Thomas W. Smith, M.D. of Du Bois, PA, who was a resident here from 1976 to 1979, gave a series of lectures on optics to the residents June 19 -21.

John R. Lynn, M.D. of Dallas, TX, who was a resident here from 1958 to 1961, gave a series of lectures on glaucoma and perimetry from July 28 to August 1.

Akio Tabuchi, M.D., associate professor of Ophthalmology in Dr. Tsutsui's Department spent about 10 days with us, much of it with the neuro-ophthalmology unit.

Henry C. Boldt, M.D., from Peoria, IL, visited the Vitreoretina Service for a few days and Stephen Miller, M.D. of Honolulu, who was a resident here from 1976 to 1979 also visited the Retina Service.

OBITUARIES

Curt Johnson Dies



Dr. Curtis W. Johnson suffered a stroke and died on March 28, 1986 at University Hospitals in Iowa City. He was 43 years old. Friends and family generously contributed money to the Retina Research Fund in Curt's name.

Dr. Johnson was a 1964 graduate of Drake University and attended the University of Illinois Medical School, Chicago, graduating in 1968. He did his residency at the University of Tennessee Hospital, Memphis and joined the staff at Bluff Medical Center in Clinton in January 1974.

For the last decade Curt had contributed cases to our Wednesday clinical conferences. He will be missed.

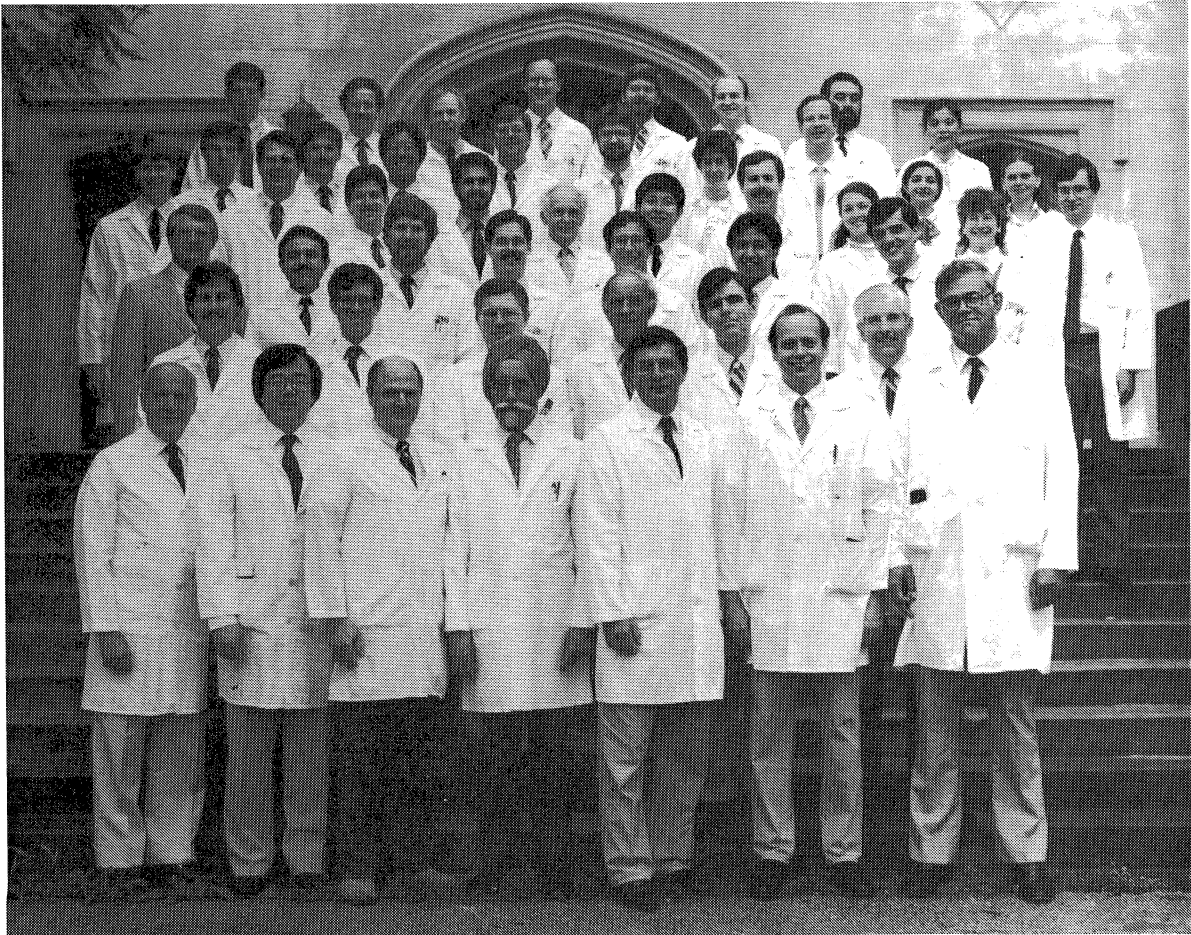
Dr. Kluver Dies



Dr. Herman Christof Kluver of Fort Dodge died July 26, 1985 at his home at the age of 83. Dr. Kluver received his B.S. degree with honors in 1924 and his medical degree in 1927; both from the University of Chicago. He did his internship at Charity Hospital in New Orleans in 1928-29. At University Hospitals in Iowa City he was a resident in otolaryngology from 1929 to 1931 and in ophthalmology with Dr. C.S. O'Brien from 1931 to 1936. He practiced EENT in Fort Dodge from 1936 to 1969.

Dr. Kluver was a commander and flight surgeon in the U.S. Naval Air Corps and served in the Pacific during World War II.

He was a 32nd degree Mason and was interested in Kluver genealogy and in raising Charolais cattle.



Department Photo, May 1986.

FRONT ROW: F.Blodi, Tse, Krachmer, Hayreh, Weingeist, Folk, Scott
SECOND ROW: Nerad, Folberg, Keech, Perkins, Judisch, Thompson
THIRD ROW: Mr. Bresnahan, Tamayo, Stamler, Arthur, Boldt, Pabalan, Tamburrelli
FOURTH ROW: Thorgaard, Bennett, Freedman, Kardon, Kolder, Ma, Jacobs, Strnad, Christensen
FIFTH ROW: C.Blodi, Sutton, Han, Holland, Stout, Spencer, Caskey, Beri, Digre, Brenton
BACK ROW: Gloor, Jordan, Cline, Argus, Maxner, Barrus, Islas, Jiang
NOT PRESENT: Corbett, Dreyer, Ossoinig, Montague, Paul, Colloton, Allen, Brady, Servais, Willis, Zou

Clinical Conference Schedule

There will be seven Wednesday Clinical Conferences this academic year:

| Date | Faculty Host | Guest Speaker |
|---------|---------------------------|-------------------------------------|
| 9/3/86 | Kolder | Richard A. Lewis, Sacramento, CA |
| 10/1/86 | Krachmer | Richard Lindstrom, Minneapolis, MN |
| 12/3/86 | Scott | A. Linn Murphree, Los Angeles, CA |
| 1/7/87 | Folberg | J. Douglas Cameron, Minneapolis, MN |
| 2/4/87 | Nerad | Bartley Frueh, Ann Arbor, MN |
| 3/4/87 | Fold | George Bresnick, Madison, WI |
| 4/1/87 | Weingeist | to be announced |
| 4/3/87 | Residents and Fellows Day | |

Dr. Weingeist's Comments

The Department of Ophthalmology at The University of Iowa is recognized as one of the finest ophthalmology training programs in the world. There have been four prior chairmen of the Department: C.S. O'Brien (1925-1948), Alson E. Braley (1950-1966), Frederick C. Blodi (1967-1984), and Charles D. Phelps (1984-1985), and two acting chairmen: Glen L. Walker (1948-1950) and Hansjoerg E. Kolder (1985-1986). Each of these men has a decidedly different style, but their goals were the same: they strove for excellence in patient care, in education, and in research.

Somehow the atmosphere in Iowa City has always been congenial, with the faculty, residents, and fellows working happily together. It is not clear whether the good vibes attracted high quality faculty and students to Iowa or whether the good people produced the good mood. In any case, I intend to do my best to keep it that way.

The challenges of the future are formidable. The practice of medicine is undergoing radical changes. The government is assuming greater control. HMOs, PROs, private industry, and third party insurers are all beginning to participate in the health care delivery system. Many questions need to be answered by organized medicine and by ophthalmologists. How many residents and fellows should be trained? What should be included in the residency curriculum? What should be the relationship between ophthalmology and optometry? What is an equitable way to establish fees and what assurances

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Editor:

H. Stanley Thompson

Consulting Editor

Thomas A. Weingeist

Managing Editor

Patricia Thomann
319/356-2571

does the patient have that he is receiving appropriate care? These and many other issues will have an impact on us all whether we choose to be involved or not. I would prefer to have an input.

Dean Eckstein, of the College of Medicine, and John Colloton, Director of The University of Iowa Hospitals and Clinics, have a commitment to excellence and are fully supportive of the plans I have outlined for the future of the Department of Ophthalmology. We expect the coming months and years to be exciting.

Four to five faculty positions will be filled in General Ophthalmology, Glaucoma, Oculoplastic Surgery, and Vitreoretinal Diseases and Surgery. A new Low Vision, Contact Lens, and General Ophthalmology Clinic will be established. A core facility for basic ophthalmic research and animal experimentation will be developed for research scientists and ophthalmologists. Collaborative studies have already begun with the Departments of Pharmacology, Pediatrics, Neurology, Biomedical Engineering, and Biology. These projects include studies on reduction of intraocular pressure with dopamine agonists, DNA probe analysis of hereditary retinal dystrophies, tracking of eye movements using a new magnetic coil, development of an experimental model of malignant melanoma, production of a new diagnostic and research instrument, the fundus pupil perimeter, and ultrastructural

evaluation of laser burns by scanning and transmission electron microscopy.

The Department continues to have a strong commitment to national collaborative studies sponsored by the National Institutes of Health. We are currently participating in a broad range of studies: Collaborative Ocular Melanoma Study (COMS), Krypton Argon Regression of Neovascularization Study (KARNS), Macular Photocoagulation Study (MPS), and the Prism Adaptation Trial for Acquired Esotropia (PAT), all of which rely on the broad support of referring physicians and their patients. An Ophthalmic Clinical Research Center will be added for future and on-going studies and the Department will undergo a major renovation and expansion of its administrative offices, clinics, and diagnostic facilities.

These changes will obviously be costly. The University of Iowa Hospitals and Clinics has already made a considerable financial commitment and we plan to begin Phase One of the building project as soon as architectural plans are completed.

In future issues of Iowa Eye News I hope to review in more detail the plans and progress of the Department. I invite you to write or call me if you have any comments or suggestions. Thank you for the tremendous outpouring of support for me and the Department.

Thomas A. Weingeist

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DEPARTMENT OF OPHTHALMOLOGY
IOWA CITY, IOWA 52242

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