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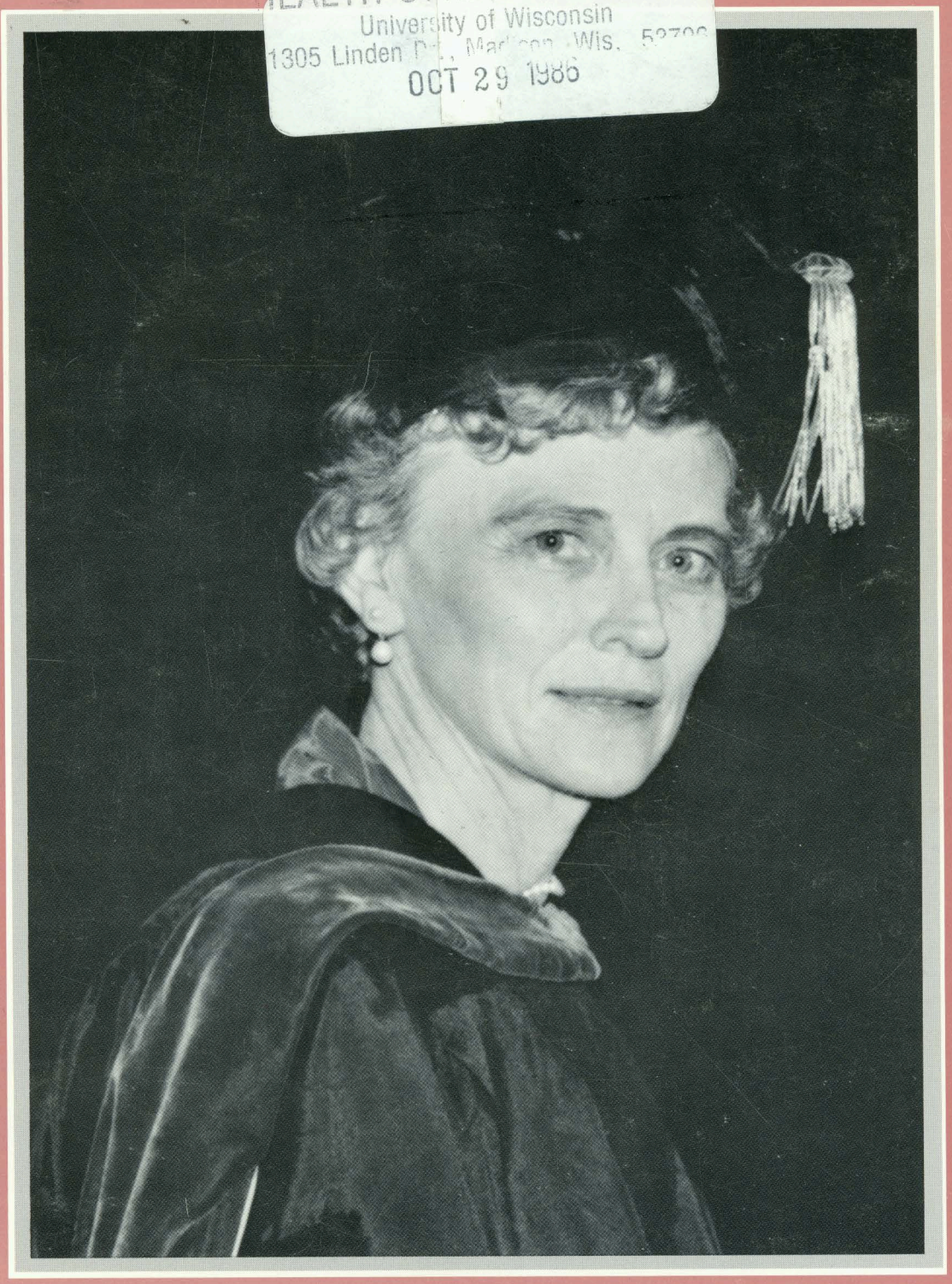
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Quarterly

volume 26—number three—summer 1986

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Back Cover: 1986 graduates who won awards.
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2nd Row
Steven D. Johnson, Stuart H. Stitgen, Diane M. Mayland, Edwin M. Overholt, Linda R. Hegstrand, David E. Hoops
3rd Row
Kirk C. Wilhelmsen, Mark E. Lanser, Steven C. Link, Timothy N. Logemann, David W. Moen

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Enid Gilbert Receives First UW Medical Alumni Professorship



Enid Gilbert

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Professor of Pediatrics and Pathology Enid Gilbert has been chosen to receive the First Medical Alumni Professorship, funded by the Wisconsin Medical Alumni Association in recognition of excellence in medical student education. She joined the Medical School faculty in 1970.

After Dr. Gilbert earned her M.D. in her native Australia, she served residencies in Pediatrics and Pathology in Boston, Philadelphia, Washington, D.C. and Austin, Texas. She is, in fact, one of a small number of physicians board certified in three specialties: Pediatrics, Anatomic Pathology and Clinical Pathology.

Enid Gilbert has integrated a great deal of research into her schedule, with more than 300 papers, 20 chapters in books and a pathology text to her credit. Her current research includes the induction of heart defects using the chick embryo as a model, in which she is able to monitor heart functions. By this original and painstaking work—which must be performed under a microscope—she has demonstrated some of the mechanisms that may cause congenital heart defects.

Dr. Gilbert is Director of Surgical Pathology at the UW and internationally recognized as an expert in pediatric pathology and pediatric cardiovascular disease.

Teaching, however, is Dr. Gilbert's first priority. She has directed and advised medical students in all four years of their training and teaches students from other disciplines. In the second year of Medical School she teaches pathophysiology in almost every section and has been chairperson of two of the largest sections, cardiovascular and respiratory, for the past 15 years. She devotes an equal amount of energy to students in third year rotations and fourth year electives as well as residents. A sampling of student praise indicates the esteem in which she is held:

- "She is an extraordinary teacher in every way . . . Her warmth, enthusiasm and sense of humor make Dr. Gilbert's lectures and labs enjoyable and stimulating."
- "Dr. Enid Gilbert is a remarkably effective teacher. She is incredibly organized, and able to condense vast areas of pathology . . ."
- "Her commitment to her students goes way beyond the classroom . . . empathetic and supportive . . . accessible . . . her door is always open."
- "Her presentations are always meticulously organized, relevant, lucid, lively. She has consistently been ranked among the highest rated professors in the history of the Medical School."

Dr. Gilbert has, in fact, won nearly every teaching award the Medical School confers, including the UW Distinguished Teaching Award in 1984.

Her peers also have recognized her worth. She is, for example, President of the Society of Pediatric Pathology and a consultant for the National Institutes of Health, where she received an award for cancer education. She also is one of five members of the American Board of Pathology who formulate examinations for the Specialty Boards in Pathology. She recently was honored with membership in Alpha Omega Alpha, the honorary Medical Society. And she has been invited to speak and teach at institutions throughout the U.S. and around the world.

Dr. Gilbert, the mother of five children, manages to fit bicycling and running into her busy routine, and has participated in several Madison area running events.

The faculty member to whom the Alumni Professorship is awarded must have demonstrated excellence in the education of medical students as measured by his or her peers and students. Candidates are nominated by faculty members, endorsed by the Chair(s) of the department(s) of the faculty member, and recommended for the award by a committee of 5 faculty. This year's committee consisted of Professor of Medicine Robert Schilling, Professor of Anesthesiology Betty Bamforth, Professor of Surgery Folkert Belzer, Professor of Pediatrics William Segar and Professor of Medical Microbiology Duard Walker. The awardee's name is then submitted by the Dean to the WMMA for approval and thence to the Chancellor and the Board of Regents.

Alumni contributions provide $10,000 per year for three years for the Alumni Professor to use for any purpose in pursuit of improving his/her academic activity.

The Alumni Professor may use the title for as long as he/she remains at the Medical School. Q

Alumni Day 1986



J. Kelley, K. Budzak, D. Betlach, G. Kindschi and S. Sivertson at Editorial Board meeting



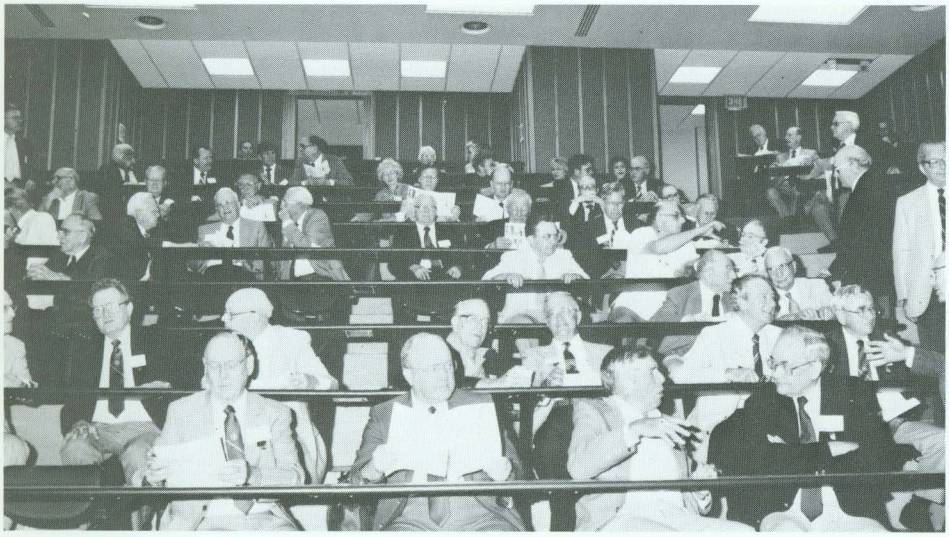
Sam Perlson, '51, reports to Council of Representatives; also visible Kathe Budzak, Bill Semler, Ted Fox and Jim Esswein



Professor of Rehabilitation Medicine Richard Balliet, and Evelyn Cohen Golden, '36, at Alumni Day noon reception



Early arrivals at the reception for spouses



Medical Alumni Hall as the Alumni Day program begins

The 1961 Class Reunion at the Madison Club on Saturday evening, May 17 brought the 57th Alumni Day weekend to a highly satisfactory conclusion. The '61 class is unique in that two spouses of its members served as administative assistants to UW Medical School Deans: Char Nowinski and Marilee Faust Oberheu. Former Dean, Professor Peter L. Eichman was honored guest and speaker for the 25th reunion of the '61 class.

Alumni weekend events began with the Editorial Board meeting under the leadership of new Editor Vic Falk and the annual luncheon meeting of the Council of Representatives and the Board of Directors in which alumni programs are reviewed and evaluated and new policies and program initiatives discussed.



Dorothy and Gene Betlach, '46, once again are honored for outstanding leadership to Annual Fund Campaign



John Robinson, '36, accepts fiftieth anniversary bronze medallion



Alumni Day Registration



Jack Levin, '34, enjoys the strains of "On Wisconsin" from the UW musical cap



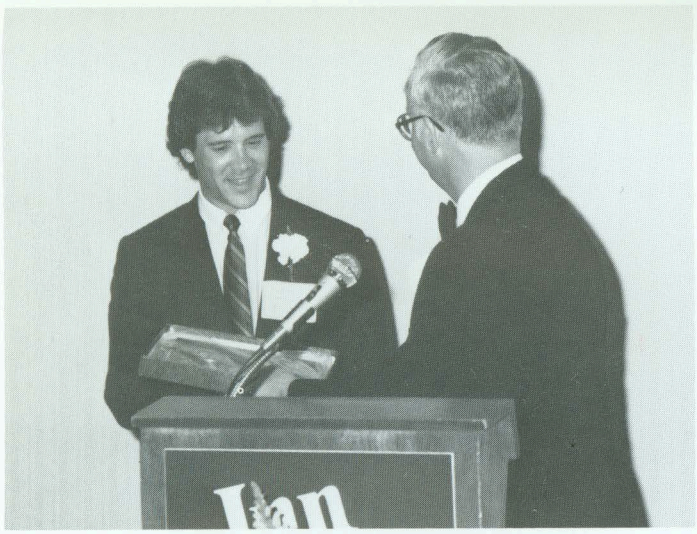
Roy Hertz, '39, recipient of Honorary degree

Thursday evening class reunions attracted hundreds of alumni and spouses to this annual exercise in nostalgia, homecoming and renewal of old friendships. A function which has grown steadily in popularity is the Post-50th Reunion dinner which includes emeritus faculty, board members and honored guests. Honorary degree recipient Roy Hertz '39 was delighted to see such colleagues as Emeritus Professors Fred Ansfield, Harold Rusch and Van Potter at the function.

The 50th anniversary class of 1936 gathered at the Edgewater for an extremely successful landmark occasion organized by Henry Anderson and Ed Lefeber, with Emeritus Professor Phil Cohen '38 as honored guest and featured speaker, while the 1946 class again led the way with approximately 70 percent of its members attending its 40th reunion



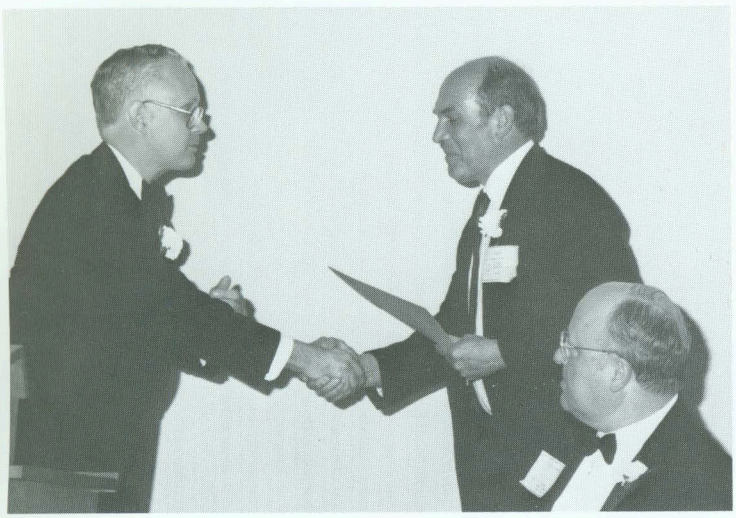
Marv Hinke, '55, and classmate Bernard Weinstein and Mrs. Weinstein



1986 co-President John Meurer accepts the WMAA Gold Medal Award in behalf of the class



Sheldon Horowitz, professor of Pediatrics, receives his award for distinguished teaching in the clinical years



1964 alumnus A.C.V. Elston accepts his award for distinguished teaching in the La Crosse program



Surgical resident William Strinden responds after receiving award for outstanding teaching by a resident. Class President John Meurer in background



Professor of Physiological Chemistry, Robert Fillingame, prepares to express his gratitude for the award for distinguished teaching

at the Madison Club.

Other honored guests at reunions included Emeritus Professors Harland Mossman, Helen Dickie, LeRoy Sims, Ken Lemmer, Murph Shapiro, Joe Lalich; Dean Brown; Professors James Pettersen, Charles Lobeck, Dennis Maki, Benton Taylor; Administrator Ron Holt; retired Registrar Isabelle Peterson; and Honorary Life Member Nick Quartuccio.

From the Friday morning registration breakfast at the Medical Science Center to the conclusion of the awards banquet at the Inn on the Park, the 57th Alumni Day was an unalloyed success.

The scientific program presented by Professor of Rehabilitation Medicine Richard Balliet and his colleagues was enthusiastically received and evidence of the vitality and scientific leadership of the UW Rehabilitation Medicine Department. Dean Brown presented an upbeat report on the status of the Medical



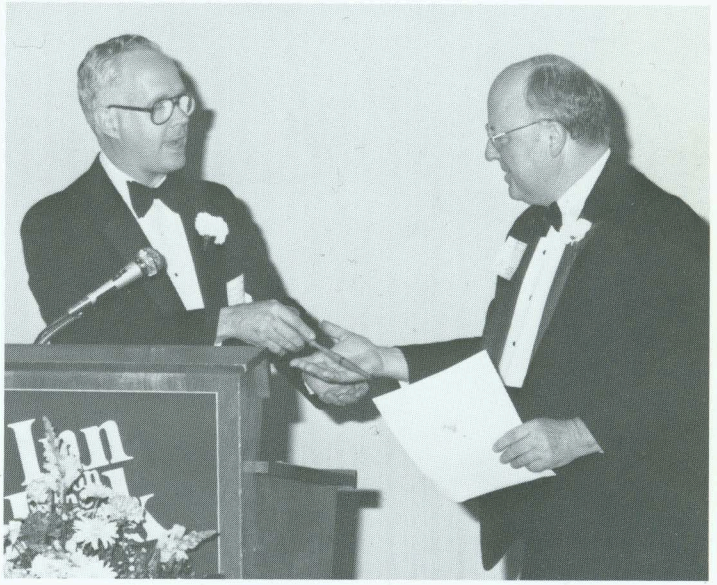
Chancellor Shain flanked by 1986 citation recipients Bernard Weinstein and Wallace McCrory



Walter Jaeschke accepts the Emeritus Faculty Award from President Kindschi



President George Kindschi accepts thanks from Dean Brown for his superb leadership



The gavel passes to incoming President W.R. Schwartz, '55

School. First Lady Beth Kindschi conducted a diverting and informative program for spouses at the Wisconsin Center. The presentation of 50-year medallions to the proud members of the 1936 class, awards to retiring Board members and awards for pacesetting performance in the annual fund campaign followed a noon reception and luncheon at the Wisconsin Center.

Alumnus John Chandler '65, newly appointed Chairman of Ophthalmology, was in attendance with hundreds of his colleagues from throughout the nation as were recipients of our Medical Alumni Citation Bernard Weinstein and Wallace McCrory, faculty members and students.

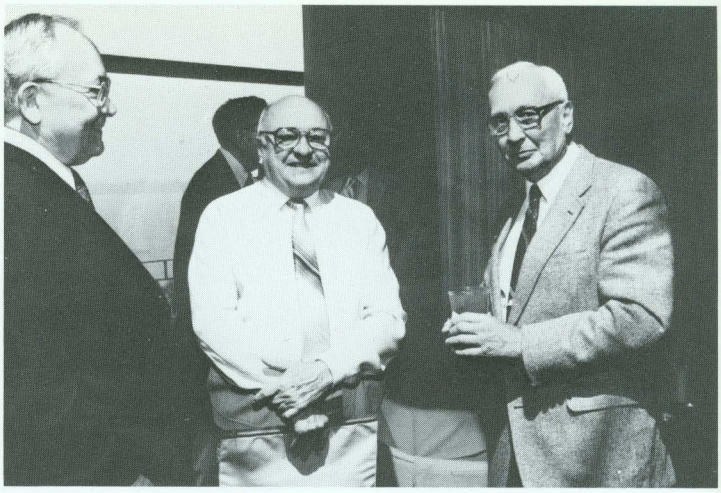
Following the luncheon, a campus bus tour with a mandatory stop at Babcock Hall for authentic UW ice cream was a great success as were tours of the Basic Science complex, the Clinical Sciences Center and the Department of Rehabilitation Medicine.



Joseph Lalich, '37, accepts the Emeritus Faculty Award with obvious pride



The Alumni Day banquet tonight, commencement tomorrow. How sweet it is.



Harold Youngreen, '41; Jack Wishart, '38; and Fred Gaenslen, '40, Alumni Day midday reception



Don Nowinski, '61, and Professor Stanley Inhorn at Alumni Day reception



Professor of Pediatrics William Segar; Wallace McCrory, '44; and professor of Medicine Arvin Weinstein, '44



Mrs. Brown and Dean Brown at awards banquet registration desk

The evening awards banquet was noteworthy on many accounts but particularly because of the presentation of the first Medical Alumni Professorship to Professor of Pathology and Pediatrics Enid Gilbert by Chancellor Irving Shain.

Dean Brown's valedictory remarks to the graduates were followed by presentation of the WMAA Gold Medal Award and membership cards to 1986 Class President John Meurer, who presented the award for distinguished teaching by a resident to William Strinden, surgical resident.

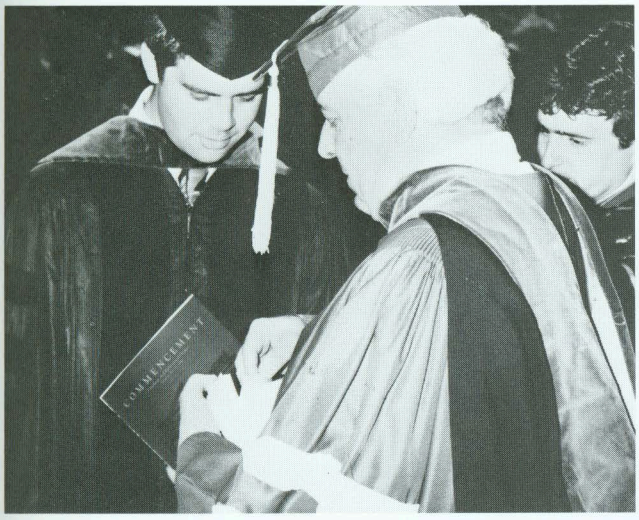
WMAA faculty teaching awards were presented to Robert Fillingame, Associate Professor of Physiological Chemistry; Sheldon Horowitz, Associate Professor of Pediatrics; John P. Kirchner, Clinical Assistant Professor of Medicine at Marshfield; Phillip R. Hamilton, Associate Professor of OB-Gyn at Mt. Sinai, Milwaukee and A.C.V. Elston, Clinical Assistant Professor of Pediatrics



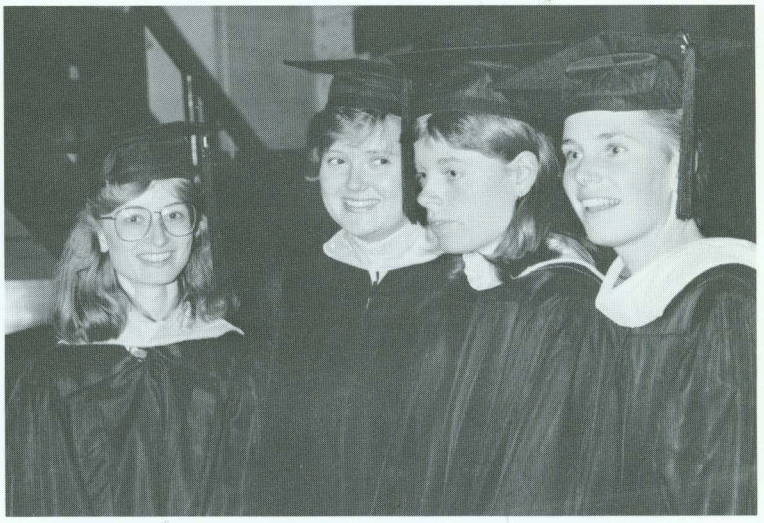
Commencement reception for graduates, parents and faculty



Emeritus Professors Van R. Potter and Palmer Kundert at Thursday evening dinner



1986 commencement Marshal, J.D. Kabler, and '86 graduate



Commencement 1986

at La Crosse. The responses of the recipients were indicative of the significance of the awards.

President George Kindschi presented Emeritus Faculty Awards to Emeritus Professors of Pathology Walter Jaeschke and Joseph Lalich—two colleagues who provided long and devoted service to the Medical School.

Medical Alumni Citations were presented to distinguished oncologist Bernard Weinstein '55 and eminent pediatric nephrologist Wallace McCrory '44 by Chancellor Shain, and another Alumni Day became history.

The presidential team of George and Beth Kindschi relaxed at a post-banquet reception, accepting congratulations on a superb performance throughout the 1985–86 year. During 1986–87 their lives will not be significantly less eventful since George will be serving as Governor of his Kiwanis District. Q



Preparing for the academic procession at the Student Recognition Ceremony

Department of Anesthesiology

In its spring issue, the *Quarterly* reviewed the early years of the Department of Anesthesiology, considered to be the birthplace of academic anesthesiology as well as the first functioning department. Under the direction of Dr. Ralph M. Waters, the Department pioneered in the newly developing discipline, and physicians came from afar to learn Waters' techniques and philosophy. Many of the early students became department heads in the U.S. and abroad; several disciples of those students have, in turn, become distinguished anesthesiologists and continue the Waters tradition.

Dr. O. Sidney Orth became Chairman in 1952, three years after Waters retired in 1949. Orth was well liked, and his untimely death at age 57 in 1964 left a void in the Department. Several adverse factors soon coalesced to bring about low morale and a high turnover rate at the junior faculty level: uncompetitive income levels, an overwhelming service load, and the lack of space and time to conduct long-term research.

The Medical School realized that a strong Department of Anesthesiology was crucial, not only in and of itself but also for the peak functioning of Surgery and OB-GYN. Thus began a long and hard search for a chairman who could revitalize the Department and extend its role in teaching residents in intensive care, respiratory care and inhalation therapy, as well as develop new research programs.

In 1971 the search committee recruited Dr. S. Craighead Alexander, then Chairman of the Department of Anesthesiology at the University of Connecticut Medical School. Alexander was well attuned to the fact that anesthesiology had undergone a major shift in clinical emphasis, and he was anxious to implement a program of greater care of patients outside the operating room and otherwise increase the anesthesiologist's share in patient care.

With Alexander's arrival and the injection of additional funds, the Department expanded and gained a new foothold. Today, the vigor and enthusiasm apparent among the staff seem to indicate that the Department has returned full circle to those exciting days in the '30s, when its contours were being moulded.

(One measure of a department's strength is its ability to attract high-caliber residents. Last year, after discouraging candidates who would have little chance of acceptance, the Department interviewed 42 applicants for a total of six first year residency slots. The news must be out that Anesthesiology-UW is a good place to train.)

Faculty Interests

"An excellent faculty with a strong commitment to teaching as well as patient care" constitutes the essence of the Department of Anesthesiology, according to Chairman Alexander.

Several faculty members concentrate their efforts in teaching and clinical care in a number of subspecialty areas, among which all residents rotate. These include:

- Cardiac anesthesia: Associate Professor of Anesthesiology John Atlee, Associate Professor George L. Bush, Assistant Professor Douglas Coursin, Associate Professor John Kruel, Associate Professor Raymond Laravuso, and Assistant Professors Scott Springman and Martha Wynn. Laravuso heads this specialized team.
- Neuroanesthesia: Assistant Professors Leslie Jameson and Vera Slavic.
- Pediatric anesthesia: Dr. Laravuso.
- Pain management and regional anesthesia: Assistant Professors Felix Fernandes and Mark Schroeder, who work in the Pain Clinic.

This multidisciplinary facility treats referred patients with non-malignancy-related pain. Each patient is seen by a panel including an anesthesiologist, a psychiatrist, specialists from medicine and rehabilitation medicine, and sometimes a psychologist and neurologist; at a joint conference, decisions are made concerning diagnoses and therapeutic approaches. This popular clinic is booked far in advance.

The Department also is heavily committed to the treatment of pain caused by cancer.

Two of the faculty, Assistant Professors Douglas Coursin and Susan Goelzer, are attending physicians in the Trauma and Life Support Center (TLC), which they cover at least a third of the time. The TLC operates under the aegis of the Departments of Anesthesiology, Medicine and Surgery.

Anesthesiology faculty and residents also staff the operating rooms at the Middleton VA Hospital, where Dr. John Kruel is Chief of Service. Faculty, residents and students, in fact, are well coordinated between the UW and VA Hospitals, with staff often traveling back and forth.

Clinical Monitoring Service

Dr. Laravuso has inaugurated a program—perhaps unique among anesthesiology departments—which allows physicians to concentrate on the patient and interact more effectively with residents and students. Working shoulder to shoulder with the operating team, Clinical Monitoring Service personnel measure and gather complex biochemical data on the patient's physiological state, and pass the information to the anesthesiologist at his instigation.

"We are able to monitor at a much higher level of sophistication with these services, which influence patient care," Alexander said. "The personnel also conduct hemodynamic monitoring for major procedures such as cardiac surgery and liver transplants."

The Clinical Monitoring Service recently has begun to measure sensory evoked potentials on patients having surgery (as for scoliosis), which might alter neurologic function. With the aid of a computerized program, a signal is put into a nerve in the leg or foot and its reception is recorded in the brain.

The Department is one of a small number that perform these studies in the O.R.

Teaching

The prime responsibility of the Department faculty is to provide clinical services in a teaching atmosphere.



Eternal vigilance is the anesthesiologist's hallmark. Here Anesthesiology Fellow Thomas Pellino pays close attention to his patient's progress. (Photo by Assistant Professor of Anesthesiology Rand Fishleder.)

Chairman S. Craighead Alexander



S. Craighead Alexander, Chairman of Anesthesiology, has headed the Department since 1971.

Dr. Alexander graduated from Davidson College, received his M.D. at the University of Pennsylvania Medical School in 1955, interned at Philadelphia General Hospital, and in 1963 completed an anesthesiology residency at Penn, where he became a faculty member in the Department of Anesthesiology. He also taught pharmacology at Penn, was Medical Officer in Charge at an Arizona Indian Hospital, and was a Visiting Scientist for one year in Denmark.

A Diplomate of the American Board of Anesthesiology, Dr. Alexander earned a Public Health Service Career Development Award and the Pharmaceutical Manufacturers Association Fellowship in Clinical Pharmacology.

Dr. Alexander came to the Medical School after serving as Chairman of the Department of Anesthesiology, University of Connecticut, from 1969 until 1971.

He is former President of the Society of Academic Anesthesia Chairmen, this year's Chairman of the Annual Meeting of the American Society of Anesthesiologists, chairman of a steering committee to form a new society—the Association of Anesthesia Program Directors—and member of the Association of University Anesthetists, a peer review group with limited membership.

Dr. Alexander has also been active in several campus organizations. He has been Chairman of the Board of Directors of Affiliated University Physicians, Chairman of the Clinical Practice Plan Committee, Chairman of the Faculty Advisory Committee of the Medical School, and he sits on the Board of Directors of U-Care HMO.

Third year medical students are offered two-week clerkships throughout the year, and several electives are available to fourth year students.

Training of residents—a four year program—is given high priority. The residents' first year consists of six months of internal medicine and two months each of general surgery, pediatrics and anesthesiology. Years two and three include intensive instruction and experience in all areas of anesthesiology, including intensive care medicine. Individual programs are designed for fourth year residents. Third year students also are taught by voluntary faculty at the three community hospitals in Madison as well as at the Gunderson Clinic in La Crosse.

Residents and faculty alike are further enriched by a lecture series covering basic and advanced theory and practice of anesthesia, a weekly case discussion conference and the Visiting Professor Program in which eight distinguished professors a year involve themselves in clinical teaching with residents, students and faculty.

Continuing Education credits are given for a series of formal lectures one afternoon each week during the academic year, when presentations are made by Department members and faculty from other clinical and basic sciences departments. The Visiting Professors' lectures also are accredited for CME credits. Lectures are scheduled at times convenient for practicing anesthesiologists in the Madison area, and they are well received in Wisconsin.

Research

Anesthesiology faculty have taken advantage of being located on a campus rich in research facilities by collaborating with faculty from the School of Veterinary Medicine, the College of Agricultural and Life Sciences and the College of



Monitoring technician measures cardiac output during a major vascular operation.

Engineering, as well as other departments within the Medical School and private industry.

Several research programs, however, are carried out in Department of Anesthesiology laboratories. Professor of Anesthesiology Ben Rusy, for example, investigates the mechanism of myocardial depression by anesthetics and the effects of different types of deliberate hypotension on myocardial perfusion.

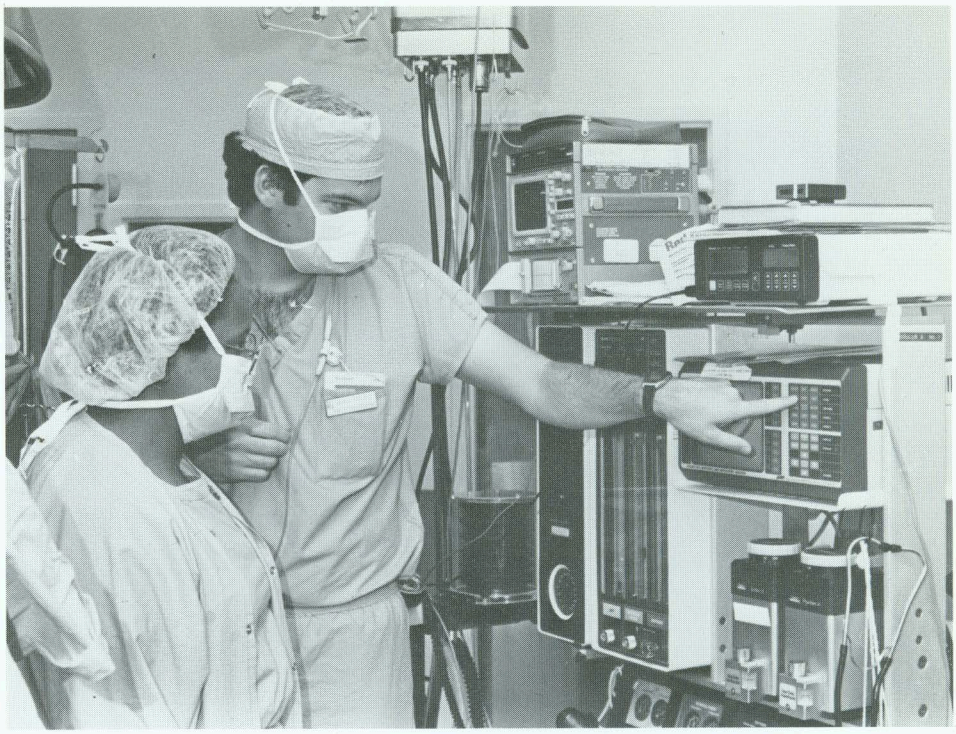
Associate Professor of Anesthesiology John Atlee investigates the effect of anesthetics on cardiac impulse conduction and how to prevent dysrhythmias in dogs. He maintains a colony of dogs with electrodes permanently implanted in their hearts. In this unique preparation which he has developed, Atlee can measure and compare the cardiac electrophysiology of awake and anesthetized dogs.

Also within Department facilities, Dr. Leslie Jameson is investigating the effects of low concentrations of anesthetics on respiratory control. (Anesthetics, even in low concentrations, depress the respiratory response to low oxygen concentration shown by awake persons.) Her experimental model is the goat.

Assistant Professor Frank Sasse, who heads the team measuring sensory evoked potentials mentioned earlier, studies the effects of anesthetics on the phenomenon in his Department laboratory.

Several other projects involve Anesthesiology faculty working with scientists in other laboratories.

Assistant Professor Nancy Kressin, for example, investigates the effects of neuromuscular blocking agents on respiratory control with Professor of Veterinary Science Gerald Bisgard.



Mark Rice, Anesthesiology senior resident, shows medical student Mary Moore some of the instrumentation on a modern anesthesia machine.

Assistant Professors Rand Fishleder and Susan Goelzer cooperate with Professor of Pharmacy Carl Buckner in probing the mechanisms by which anesthetics affect smooth muscle.

Professor of Veterinary Science James Will, who is also an Affiliate Professor of Anesthesiology, conducts a variety of research projects with Department faculty. He and Dr. Coursin are trying to determine the mechanism of oxygen toxicity in the lung and to develop protective strategies. Drs. Will and Kreul continue to look into malignant hyperthermia, a genetic abnormality in which anesthesia can trigger a dangerous overheating of the patient; currently they are studying a strain of pigs which manifest the disorder and hope to develop the basis of a molecular mechanism which would explain malignant hyperthermia. Kreul is setting up a laboratory for clinical studies on families of patients with the problem.

The same problem is being attacked by Professor of Anesthesiology Claude Taylor as he traces the pedigrees of families with disease. Many such families live in central Wisconsin.

Assistant Clinical Professor of Anesthesiology James Fitzpatrick collaborates with Professor of Physiology and Neurosurgery David Gilboe to explore the effects of anesthetics and hypoxia on intermediary metabolism in the brain.

Sometimes Department collaboration extends beyond the campus—even to industry. Assistant Professor Jeffry Spain is working with Ohmeda, formerly known as the Ohio Medical Products Company, in designing a new anesthesia machine. Spain also explores use of the computer as he investigates graphics-oriented central data display and microprocessor-based record keeping. Spain is associated in this project with Michael Smith of the Industrial Engineering Department.

Another major Department interest is computer controlled clinical anesthesia, a program in which Assistant Professor of Anesthesiology Frank Sasse and Rusy collaborate with faculty members from the Department of Electrical and Computer Engineering and with engineers in private industry.

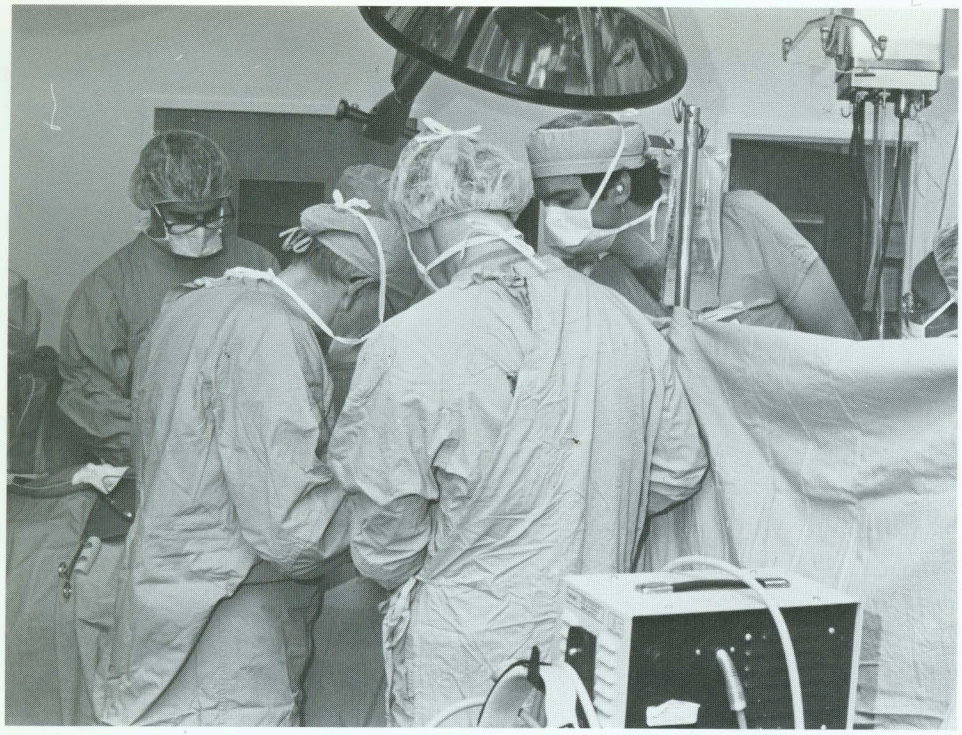
Technology Transforms the Operating Room

As technology has advanced, the practice of anesthesiology—familiarly described as hours of boredom surrounded by moments of sheer terror—has become increasingly complex. Newer anesthetics are more effective but also trickier to administer. Little is left to chance, however, as the various monitoring systems flash, beep and scream warnings to the eternally vigilant

Department Data

The Department of Anesthesiology consists of four Professors, two Associate Professors, five Associate Professors (CHS), nine Assistant Professors (CHS) and thirty-six Clinical Assistant Professors. Twenty-eight residents are in training.

Department personnel administer more than 8,000 anesthetics yearly.



An operating team performing chest surgery. Professor of Surgery John Pellett works on the left while Anesthesiology senior resident Mark Rice watches on the right.

anesthesia team when limits are exceeded. Small changes in the patient's condition can be detected well before they become serious.

A recently installed high-tech system illustrates the improvements in patient care—and, incidentally, in teaching capability—engendered by new technology. It is a mass spectrometer which is connected to each of the 15 operating rooms. At intervals of about 1½ minutes, the device receives samples of patients' respiratory gases (all 15 patients), analyzes them, and within seconds displays the results on screens located in each O.R. Preset limits (for the house or for an individual patient) can trigger an alarm—oxygen is too low, for example, or carbon dioxide is too high, or the concentration of anesthetic agent is too low. The device also produces hard copy for the patient's file. Department personnel consider the multiplexed mass spectrometer a cost-effective system that helps minimize surgical risks.

Another "vigilance aid" recently added to the Department's armamentarium is the pulse oximeter, a device that clips on a patient's earlobe, finger, or toe and gives a continuous reading of the blood's oxygen. It already has alerted anesthesiologists to the onset of problems several times. The pulse oximeter is non-invasive, and depends upon spectrum changes in bright light beamed through the patient's tissue.

Advanced monitoring systems such as the mass spectrometer and the pulse oximeter typify the equipment available in the 15 state-of-the-art operating rooms staffed by the Department of Anesthesiology. "The University Hospital administration has been forward looking in equipping the O.R.," Chairman Alexander said.

Procedural Changes

Within the past few years, the Department has seen a decided shift to ambulatory surgery in an effort to reduce costs. This has created considerable changes in the anesthesiology picture.

The patient arrives at the hospital on the morning of surgery and is seen briefly by the anesthesiologist, who must modify his techniques so that the person is street ready later in the day. Thus, the ambulatory patient is relatively unknown to the anesthesiologist, who is accustomed to a comprehensive pre-assessment visit in which the patient is made to understand the procedure and the risks so that he can give informed consent, and in which the patient can ask questions, express anxieties and state preferences.

Increasingly, patients undergoing relatively major surgery check into the hospital on the day of surgery, compressing the amount of time the anesthesiologist is able to spend with them.

Staff Spirit

A senior faculty member who has witnessed the Department for several decades said that today's residents are a truly collegial, cooperative group. "They really do care about each other and help one another. I believe the same can be said of the faculty."

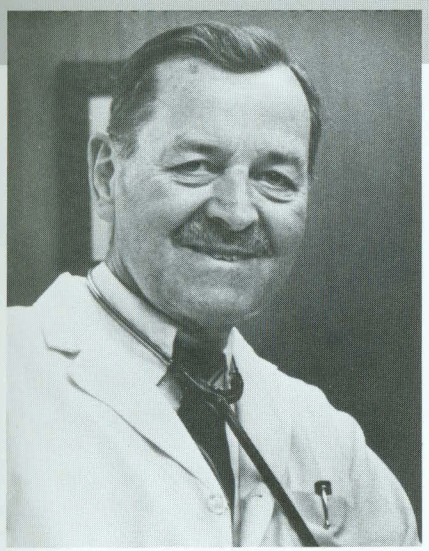
Q



A lab technician runs arterial blood gas samples in the operating room laboratory.

Editor's Column

Victor S. Falk, M.D.



Feedback

When the election ballots were sent out before the annual meeting, a questionnaire was included asking that the recipients evaluate the Medical Alumni *Quarterly*. The response was gratifying and some of the comments will be shared. The notes in parentheses that follow are those of the editorial board or editor.

The majority of the responses were favorable and complimentary. "The *Quarterly* is very good as it is." "Excellent! It serves my needs *very well*." "I always read *every issue* from cover to cover." "Very good to excellent. Can't suggest any better content." "The *Quarterly* continues to be an excellent publication. No gripes or suggestions." "Give us more of the same." "My interest in the *Quarterly* can't be increased any further." (There were many more in the same vein, and these comments were appreciated.)

"The *Quarterly* is not a scientific journal and such an article should not be accepted." (Emeritus Editor Mischa Lustok has advised us that the *Quarterly* should not be a mini-scientific journal.)

"Not as good as University of Chicago." "You have a long way to go to get to the level of the University of Rochester." (The *Quarterly* is the publication of the Wisconsin Medical Alumni Association. Again, following the advicce of our Emeritus Editor, the *Quarterly* is not a house organ of either the Medical School or University Hospital. Journals from other medical schools more often are published by the medical school itself and not by the alumni association.)

"I would like more alumni news." "I would like more alumni capsules." (We publish every single bit of alumni news that we can get our hands on. We would like more and have asked the class representatives to try and supply us with more alumni notes.)

There were many favorable comments about Dr. Waters and the Department of Anesthesiology and only one response indicated that "Anesthesiology is not my thing."

"I could do without you constantly writing about Dr. Middleton, Meyer, etc." (The combined service of M & M to the Medical School added up to over a century. Dr. Middleton alone was affiliated with the Medical School for over six decades and he certainly exerted tremendous influence on the schooling and subsequent careers of the medical students, interns and residents.) The same writer stated that "The quality of your photographs seemed inferior and old-fashioned." Another responder wrote, "Very good variety and good photos. Would like more alumni capsules and more old time news and reports." Another, "Use more photos, both old and new."

There were many other comments that will result in new features in the future. For example, "I'd like more news about where the alumni funds are going and where they are needed." (We agree.) "I am extremely interested in your student loan program. Would like to be able to write the author." (This is certainly a crucial situation as the average Wisconsin Medical School graduate comes out with a debt in excess of $40,000.)

In general, there were many comments of nostalgia and suggestions to continue with more of the early days of the various departments. (It is a privilege to be able to reminisce and become nostalgic.) Someone suggested news about previous teachers and where they are now. "Include more Medical School history. Interview retired, Emeritus faculty, and those who have been around for many years."

One writer suggested the addition of medical cartoons and some controversial editorials. (At the last meeting, the Editorial Board discussed the possibility of finding a suitable cartoonist and someone to contribute humorous articles. As for the controversial editorials, I thought I had kept mine intentionally quite benign, but they have stimulated some letters to the editor.)

"The letters from readers are a major attraction and should be encouraged and expanded." (It has been pointed out in journalism studies that letters to the editor are frequently the first and most frequently read section of any publication. We publish every letter that is received. We do encourage them and will expand them to the extent that we receive them.)

One admonition was to "Please ask members to put down cocktail glasses when posing for pictures." (This will be brought to the attention of our photographers as it is appropriate.)

The majority of the responses were favorable. We will try to correct our deficiencies and to produce a publication that you will look forward to receiving. This type of questionnaire can be surprising. I am reminded of the editor of a medical journal in the Rocky Mountain area who asked for criticism and suggestions. He must have been overwhelmed because he resigned a month later and soon thereafter the journal ceased publication.

PRESIDENT'S COLUMN

Walter R. Schwartz, M.D. '55



I consider being elected as your President of the Wisconsin Medical Alumni Association a very great honor—particularly so at this stage in the maturation of the Association. We have long since left the social club stage and are contributing significantly to strengthening our school and improving the teaching and learning milieu.

The Medical Alumni Association has contributed significantly to creating a supportive environment for medical students. We provide a receptive ear to student concerns and problems. Each medical school class is represented on the Board of Directors. We provide operating funds to the medical student associations and support the medical student orientation program, the graduation reception for students and their families, a regular series of T.G.I.F.'s, funding for workshops and activities for the medical scholars and the Women in Medicine Program. The Alumni Host Program and Live-In and Learn Program are responding directly to student needs as well.

Our contributions provided the Middleton Medical Library and remodeled the obsolete S.M.I. auditorium into a superbly appointed Medical Alumni Hall. Our gifts and bequests have made a significant difference in the availability of student financial aid and our new program of funding medical alumni professorships to recognize teaching excellence has great potential for providing additional impetus to the thrust to stimulate and reward superior teaching.

One of the privileges of the President-elect is the opportunity to attend the major committee meetings of the Association as well as Board meetings to learn about problems and to discuss solutions and new program initiatives.

The Editorial Board of the *Quarterly* met on May 15, 1986 under the leadership of new Editor Vic Falk. It was particularly helpful to review the record number of evaluation forms which provide essential feedback from you. There was a decided desire for more Alumni news items. We use all of the news you supply and the staff is diligent and creative in searching for Alumni news from diverse sources. In order for us to publish more Alumni news, we need your participation—so-o—let's hear from you. Photographs are very popular so your newsworthy photos are also welcome.

At the annual meeting of representatives on May 15, 1986, I summarized our goals for 1986-87. We are planning no new projects but hope to build a solid base for those programs already underway. The exciting new Medical Alumni Professorship needs to be well funded if it is to be perpetuated and expanded. This is eminently worthy of your support and may be the most significant program we have ever undertaken.

Student aid remains a major need and we plan to continue the "Push" from George Kindschi's tenure to involve all Alumni in the annual fund campaign.

We hope that the Mischa Lustok Award for the best non-scientific paper submitted by a resident or student will stimulate more student interest in the *Quarterly* and in the Medical Alumni Association.

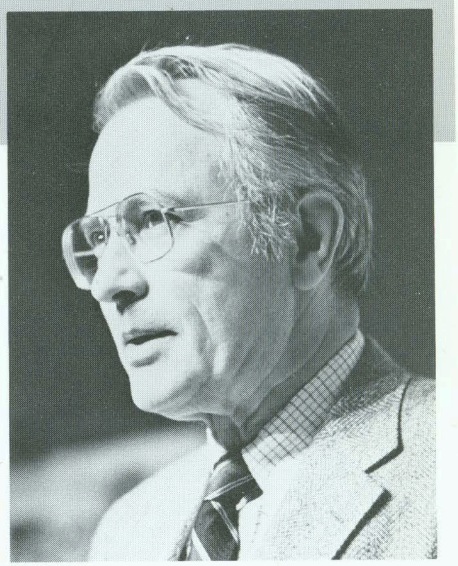
Other continuing programs are the annual Medical Alumni Citation and Emeritus Faculty Awards. The program of Distinguished Service Awards may be extended to other areas of the country—maybe yours! You can help to identify deserving Alumni to be considered for the Medical Alumni Citation and Distinguished Service Awards by sending us a letter of nomination and a curriculum vitae.

We shall continue and increase our close liaison with the medical student body and shall continue the regional and national alumni meetings. Wisconsin receptions at various national meetings such as the College of Physicians, Radiological Society of North America, American College of Surgeons and the American College of Obstetricians are highly popular. Attendance at such meetings continues to grow and provides the opportunity for alumni to exchange news and views and maintain a close relationship with the Medical School.

It looks like a busy year and we shall do our best to make it productive. With support from you, we can accomplish all of our goals and move forward to additional major projects. Q

DEAN'S COLUMN

Arnold L. Brown, M.D.



Physicians are likely the most examined segment of our society. Not only must we put up with the periodic probing of the faculty who took the responsibility for pushing, dragging, or chasing us through medical school, but we must also forebear the examinations which sanction our claim to specialty status and to practice anywhere in the USA. Not only that, but now many of us face the process of recertification and yet another exam. The rationale for all this is that our ability as a physician is reflected by, in fact a straight line function of, the number or letter that someone, or some machine derives from our effort.

For a long time now these examinations have been of the multiple choice type (choose one—a, b, c, d, or e, or maybe if a and b are true is c false or are d and e off the wall). These have certain advantages: they are objective, meaning that there is, or should be, just one unambiguous answer to each question, and they can be graded by a machine (please use a soft pencil and fill in the entire square, do not spindle, fold or mutilate), and therefore the result is available the next day (this pleases most students, but some would just as soon forget the whole thing).

While perhaps not a proper example of Gresham's Law, the multiple choice exam has just about replaced every other form of testing in today's medicine. Only rarely do our students have to submit to oral exams, or do the boards use patients to test the skill and knowledge of their petitioners. Even the Blue Book and the essay questions have largely vanished. The question is—how good are multiple choice tests in determining the ability of a student or physician in the practice of medicine?

Not so good. It has been estimated that of all the skills and knowledge that a physician should have, the kind of testing we do now measures but about a quarter of it. We do quite well in assessing factual knowledge, less well in finding out how someone does in the integration of facts and reasoning to a decision, and not at all well in finding out how skilled a physician is in taking a history, doing a physical, performing routine procedures, and explaining a problem to a patient and his family. In medical school this is easier since the students do these things under the eyes of the faculty, but required levels of competence vary from one faculty member to another and there is little agreement on just what a student should know how to do (some people call these educational objectives).

This state of affairs has bothered a few people for a long time. Some of their names are Howard Barrows, Stephan Abrahamson, Richard Moy, Victor Neufeld, and Paula Stillman. Institutions have also been concerned. Southern Illinois University School of Medicine and McMaster University, both relatively new schools with adventurous faculties and deans, have been particularly creative in dealing with clinical assessment. The American Board of Internal Medicine, for which Dr. Stillman is testing the use of patient-instructors in assessing residents, and the Association of American Medical Colleges which has had a survey program going for several years and will soon conduct a series of conferences on clinical skills assessment, are two among several that are very interested in the problem.

Perhaps more signifcant, the National Board of Medical Examiners has created a Task Force on Clinical Assessment, under Dr. George Miller, to advise the Board on the state-of-the-art of determining clinical skills with the possibility that such testing will become part, some years in the future, of their certification process.

The prospect of having an objective, relatively inexpensive, thorough test of clinical competence using human beings is an exciting one. It is about time. Q

Joseph M. Benforado Retires



Joseph M. Benforado

Emeritus Professor of Medicine Joseph M. Benforado's career zig zagged from high school teacher to researcher to administrator and finally to clinician—"everybody's favorite grandfather"—at the University Health Service.

The winding trail began in New York City, where Joe graduated from City College in 1941, earned an M.A. in Education at Columbia and started teaching in high school. Shortly, however, his incipient teaching career was terminated by World War II, during which he eventually served as an infantry officer in the Philippine campaign.

Taking advantage of the GI bill, Joe decided to study medicine at Syracuse after the war. Because he had to wait nearly a year before the appropriate semester began, he took an interim job at the school with Professor of Pharmacology Alan Bass—and married Bass' secretary Sally, a union which eventually brought forth six children. Joe's subsequent interest in pharmacology stemmed from his job, which included hands-on experience in a variety of department research projects in between setting up labs for medical students.

In 1951, after graduating magna cum laude from medical school, Joe interned on the Harvard Service at Boston City Hospital. Then, upon the urging of pharmacology friends, he served a fellowship in Harvard's Department of Pharmacology. Under the tutelage of his mentor, Otto Krayer, Joe spent several years as a research pharmacologist, with teaching duties as well.

The trail next took a sharp turn to the east as Joe spent a year abroad (1957-58) at Oxford University. "By then we had three children," he said. "We lived in a little village of 800 people where we felt very comfortable. It was a magnificent experience. And I published two papers."

The following year Joe joined the staff at the University of Buffalo, now the State University of N.Y. at Buffalo, where he was Associate Professor of Pharmacology and later, Associate Dean of the Medical School. After several busy years at Buffalo, Joe Benforado began to contemplate a career change. "I felt motivated to do what I originally thought I wanted—to be a real doctor. And I figured that the Nobel Prize Committee would hardly shed a tear if I left the research bench." (Joe had already gotten his feet wet as a once-a-week volunteer M.D. at the student health center.)

So it was that Joe's path again veered westward as he accepted an offer as Assistant Clinical Professor at the UW Student Health Service in 1967. Besides seeing patients, Joe taught physical diagnosis to Med IIs, "an experience that quickly motivated me to relearn medicine. And I found that my years in basic science had not gone to waste—the principles are the same. You have to frame the problem, decide what you have to find out, decide how to find it out, and decide what to do about it." Joe also gave lectures on the autonomic nervous system for 7 years in the Department of Pharmacology.

During Joe's early years at Wisconsin, a vexing social phenomenon hit the streets of America—the drug epidemic. It happened that shortly before leaving Buffalo, he had given a lecture on marijuana, which was eventually published. This led to an invitation to talk on hallucinogens and marijuana at the 1968 annual UW Pharmacy Institute, and Joseph Benforado almost immediately became the drug abuse expert on campus.

"I soon found myself in Governor Knowles' office discussing what the State should do," Joe said. In 1969 he became Chairman of the Wisconsin Department of Justice Technical Advisory Committee on Drug Abuse, which had the task of recommending revisions of Wisconsin drug laws. In just 6 months—with Joe cracking the whip—the group was able to draft recommendations which passed both houses of the legislature unanimously.

From 1970 to 1976, following appointment by the Governor, he served two statutory terms as Chairman of the Wisconsin Controlled Substances Board and as Chairman of the Wisconsin Governor's Council on Alcohol and Other Drug Abuse, two roles that kept him a frequent Capitol visitor. He was also a Wisconsin Member of the 1971 White House Conference on Children and Youth—Task Force on Drug Abuse.

"Joe is everybody's favorite grandfather, full of wise counsel and common sense."

By this time, Joe had become well aware that teaching about alcohol and drug abuse to medical students was receiving lip service only; the curriculum was too crowded with other matters. With the help of Associate Dean Tom Meyer, Joe applied for and received a 3-year National Institute career teaching grant which allowed him to travel widely, meet colleagues all over the country, and

learn more about alcohol and other drug abuse. This experience led him to become Medical Director of the Center for Adult Detoxification and Referral, originally known as Rebos ("sober" spelled backwards), where he was responsible for 12,000 inpatient admissions over a period of four years. He created a teaching focus at the Center so that medical students as well as students of nursing, pharmacy and social work could observe "the real thing."

"All this happened after the State decriminalized public intoxication in the Alcohol and Intoxication Treatment Act," which Joe had supported. "In essence, you could not go to jail for being drunk in public since this was now considered a medical problem."

In December of 1979 when the Center closed, Joe returned to the University Health Service, where a long-time colleague capsulized Joe's relationships with staff and patients: "Joe is everybody's favorite grandfather, full of wise counsel and common sense. And a renaissance man as well with a myriad of interests." Additionally, he saw patients with alcohol and drug problems on Friday afternoons in the Internal Medicine Clinic, was a consultant at the UW Hospital, and continued some teaching and lecturing.

Recently, Joe was elected to a 5-year term as Vice President of the U.S. Pharmacopoeial Convention, a commitment that will keep him busy at his office at home and require his visiting Washington several times a year. And he plans to lecture at hospitals as part of the Department of Medicine Outreach Program.

Joe admits to obsessive-compulsive behavior when it comes to teaching and patient care. He has always been a workaholic. But now, in his first weeks of retirement, he can comfortably point to a calendar, given to him by his daughter, which quotes a saying from the Talmud: "The sun will set today without thy assistance."

And so Joe Benforado will pour his considerable energies into a variety of activities such as maintaining contact with his six children, who have all graduated from the University and taken up very different careers, because "Sally raised them to be themselves."

Joe also plans to spend much of his time pursuing music. He wants to take up the piano and study the recorder further, as well as get back to watercolor and oils, nature study, photography and cooking. "I want to free up Sally so she can get on with a career deferred 35 years. She is a good salon photographer—a photo is hanging in Boston now as part of a national competition—and she writes and teaches creative writing.

"So I'm hoping to become a happy househusband." Q

James F. Crow Retires

Influential teacher, fruitful scientist, urbane administrator, social activist, accomplished musician, respected government advisor—these are but a few of the accolades with which peers portray the many facets of Emeritus Bascom Professor of Zoology, Genetics and Medical Genetics James F. Crow.

Jim developed a love for music in childhood, and he intended to become a professional musician even as a freshman at Friends University in Wichita, Kansas. Although a course in harmony convinced him that he'd better major in something else—namely, biology—Jim has always pursued his passion for the violin and viola. When he came to Madison as a young teacher, he was delighted to find so many like-minded souls to share his interest in chamber music. And he has always been active in the Madison Symphony, for which he played his first concert in 1949, even during periods when overwhelming professional commitments would have discouraged a man of lesser energy and determination. Jim has been President of the Madison Civic Music Association and recently he served as the Orchestra's President for two years, a position in which he diplomatically handled sensitive negotiations among differing parties to everyone's eventual satisfaction.

"Jim is an excellent musician and a very gentle person," according to an orchestra colleague, "and he is happy with himself," a trait which may account for his uncanny knack of bringing opposing sides—even warring factions—together.

This ability served the Medical School well when Jim Crow was Acting Dean from 1963 to 1965, a period when the institution was suffering from the divisiveness caused by strong policy differences among the faculty and between some of the faculty members and administration. "I was reluctant to take on the job," Jim said, "partly because I didn't have medical training and partly because I wasn't that conversant with the Medical School." President Fred Harrington's urgings prevailed, however, and Jim found the experience enjoyable—a different kind of challenge.



James F. Crow

"On the whole it was quite satisfying, even though I became involved in controversies. But I found it hard because I tried to do everything I had done previously—the research, teaching, commit-

tee work—and be a dean in addition. I ended up with great respect for them (Medical School personnel) and I think it was mutual. I regard my main contribution as pouring oil on troubled waters, and I think the School was appreciably less divided when I left than when I started," Jim said. "I found working with Ralph Hawley the most pleasant part of the experience. He played the same role then as now, being the conscience of the Medical School—a selfless personality always willing to work and help."

"Jim is happy with himself," a trait which may account for his uncanny knack of bringing opposing sides—even warring factions—together.

Jim's career at the UW began in 1948 when he arrived from Dartmouth College, where he carried a heavy teaching load for 7 years after having received his Ph.D. in Zoology from the University of Texas in Austin. "Although my main job at Wisconsin was to be teaching, it was made clear to me by Chairman Brink that I was expected to carry out a significant research program," Jim explained.

That expectation was fulfilled many fold. Jim, with his background in biology and mathematics, has become known worldwide in Drosophila (fruit fly) genetics for his studies on inbreeding, the causes of hybrid vigor, effective population numbers, DDT resistance, segregation distortion, genes affecting fitness and—lately—jumping genes. For such investigations as well as other work he has been awarded membership in the National Academy of Sciences and the American Academy of Arts and Sciences, and honorary membership in the Japan Academy—the highest honor bestowed by Japanese academia.

The Japanese connection resulted, in part, from his astute choice of students and post-doctoral fellows, whom he wisely allowed to follow their own bent. Some of his students who became distinguished scientists were Japanese; one of them, Motoo Kimura, received a 1986 UW honorary degree for his contributions to population genetics and evolutionary theory. These former students have remained friends and/or colleagues through the years; they still welcome Jim when he visits Japan and regard him as their "father" in science. Many of Jim's other students such as Laurence Sandler, Newton Morton, Terry Lyttle, Frank Seto, Rayla Greenberg Temin, Thomas Nagylaki, Dan Hartl, Carter Denniston and Russell Lande have likewise distinguished themselves.

Jim's interest in Japan also was piqued by his role in studying the effects of radiation following the atomic bombings. He was appointed to the National Academy of Sciences committee on the Biological Effects of Atomic Radiation and the National Committee on Radiation Protection, where he found himself among the genetic elite of the day. Later he became involved in a bi-national (U.S. and Japan) Science Advisory Committee for the Hiroshima-Nagasaki study, which required frequent trips to Japan—and his old friends. Jim, in fact, was chairman of several committees for the National Institutes of Health and the National Science Foundation concerned with assessing radiation effects on humans and setting standards. "I'm pleased with the outcome," Jim said. "Public policy is good on this." He feels that back in the '50s, however, some geneticists did their jobs too well, and now the public has an irrational fear of low levels of radiation compared with larger risks.

Other friends played an important role in Jim Crow's world. Former Professor of Genetics Joshua Lederberg, for example, was his close ally during the early days, having come to the University just one year before Jim. "He was a genius and I knew it; everybody knew it. I can't overstate how impressed I was with him. . .I really learned an enormous amount from him. I should have paid him tuition." Jim's and Josh's offices were contiguous in the old Genetics building so they were readily accessible to one another for consultation or socializing.

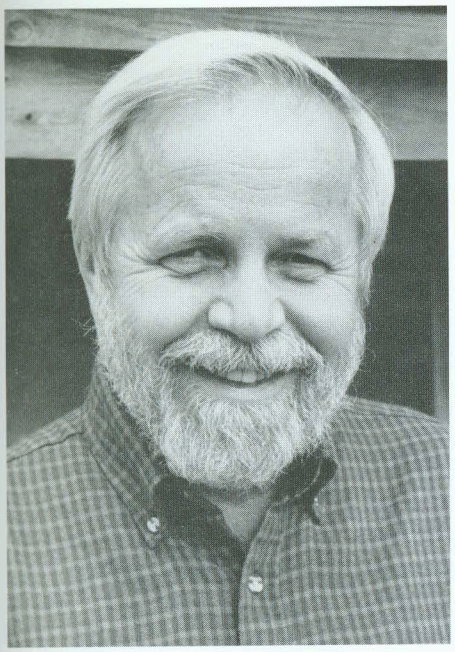
Lederberg became the first Chairman of the new Department of Medical Genetics. When he left for Stanford a short time later, Dean Bowers asked Jim to take over the Department, which he chaired from 1958 to 1963. Jim's administrative skills were again tapped as Chairman of the Department of Genetics and Medical Genetics from 1965 to 1972.

Another source of delight to Jim was the arrival of Sewall Wright, a founder and the undisputed master of mathematical population genetics, from the University of Chicago. Jim and Wright, who remained scientifically productive into his ninth decade, were frequent companions. As of this writing, Wright is 96; he seems much younger, continues to visit Genetics frequently, and Jim Crow is still his friend and companion.

In retirement Jim Crow's life will change little except that he will stop teaching the large elementary Genetics course which he has handled since his arrival at Wisconsin. And he will enjoy more free time with his wife Ann, their three children and the grandchildren. Jim plans to write research papers and a text, but much of his working time will be devoted to an NIH Program Project Grant for which he is Principal Investigator; it encompasses all the investigators on campus studying molecular genetics of Drosophila.

Jim's working philosophy undoubtedly will carry him over the next few years just as deftly as it has smoothed the way in the past: "I've tried to decide what's important and do it as well as I can. That can be frustrating because I've always tried to do more things than I was really capable of doing. But I'm no perfectionist. And I believe that something hardly worth doing in the first place is not worth doing well." Q

William F. Fey Retires



William Fey

"Gradually I started seeing patients as a psychotherapist, and that proved to be a corrupting experience—one of the nicest corruptions I was ever subjected to. I learned to love patient contact, and it gradually replaced my interest in the scientific side of what I was doing."

This is how Emeritus Professor of Psychiatry William F. Fey described his professional transformation after he joined the Department of Psychiatry. His Ph.D. degree from the UW Department of Psychology equipped him well to grapple with the solid, academic aspects of the discipline, and he expected to become a career investigator who would aggressively pursue research. Such was his training. Such was his intent. And briefly he did just that.

Soon, however, his commitment and activities as a therapist overwhelmed his prior intentions, and Will Fey became a clinician deeply involved with patients.

"He was able to maintain a wonderful rapport as a psychotherapist," according to a fellow Department member. "He is enormously tolerant of the human condition. He has no prejudices."

Will reminisced about his transition from potential scientist to therapist. "I've always had a suspicion that I was something of a disappointment to my teachers because I never became committed to the scientific side of the enterprise. They had something different in mind for me. Although I feel a bit guilty, I'm still not convinced they were right for me."

Will's connection with the Psychiatry Department began while he was still a graduate student in Psychology. After serving as a bomber pilot during the war, he began studies in Psychology in the fall of '46, where he met Betty, his wife-to-be (who underwent the same training regimen as Will), on the first day of classes. A Psychology faculty member (Norman Cameron) who taught psychiatry to first year medical students took a semester off and asked Will to take over; Will thus became familiar with the Medical School and neuropsychiatry. By dissertation time, he took a half-time job in psychiatry teaching and seeing some patients, largely giving psychological tests, which were just coming into favor. After two years, he was invited to join the Department full time. When the Department split into Neurology and Psychiatry in 1955, Will became one of just six faculty members in Psychiatry.

". . .He is enormously tolerant of the human condition. He has no prejudices."

William Fey's well recognized effectiveness as a therapist derived, in part, from the influence of Carl Rogers, who became a UW faculty member in the Departments of Psychiatry and Psychology (1956—'63) "When I was a student," Will said, "Carl Rogers was cresting. He sort of turned the world of psychiatry upside down with his notion that the therapist was a facilitator to help the patient find his own direction rather than provide answers and give directions. That made sense to me."

Will's quiet approach to therapy carried over to his equally effective low-key style of teaching, for he considered students not a great deal different from patients. He tried to discover what was in the student's (patient's) head. "I was not very factual, and that drove some students up the wall. I was full of 'how do you feel about that' and 'let's talk about that.' I felt it was very important to help students become better listeners, better communicators—to remove obstacles that stand in the way of developing interpersonal skills. That will serve them a lifetime, long after the facts are forgotten."

A current faculty member said, "I believe Will is the most revered teacher in the history of the Department. He had a special relationship with residents and students." To this day, Will remains friends with many former students and patients, who constitute an important part of his world.

But Will's quiet, talk-it-out approach is not consistently popular. Now, he said, psychiatry seems to be turning once again into a phase of emphasis on chemicals. Although Will agrees that drugs sometimes are the appropriate and best treatment, he feels that good listening is still a powerful tool in dealing with many—perhaps most—patients.

"I don't see solutions to their (troubled patients') problems coming out of labs. People still need to talk about what's ailing them. And it worries me a little that the listeners, for the most part, are not going to be coming from psychiatry anymore. When I took prelims 40 years ago, you heard, 'we're closing in on schizophrenia' and that drugs would solve many problems. I'm surprised at how similar it looks today. But I have to admire someone who gives his life to the science of psychiatry. It's a dark place to work, and the prospects of success in one's lifetime are pretty low."

Administrator Fey made still other contributions to the Department of Psychiatry. As Associate Chairman for 12 years and Acting Chairman for two years, Will's wisdom provided a rudder for the

Department, and initially he conceptualized the Department's clinical practice organization. "It was important to me to be able to offer the department something, perhaps to atone for my waning scientific connections. And in those days I was an orderly person. (Old friends will be surprised to learn that Will has lost some of his orderliness since retirement—and doesn't seem to mind too much.)

Will also chaired the Student Affairs Committee and contributed significantly to the Curriculum Committee. In these capacities, his interpersonal skills quietly showed through as he dealt with student problems and helped to humanize the teaching process in the Medical School. And for many years he coordinated the recruitment and selection of psychiatric trainees in the Department—"a remarkable chance to meet many fine young doctors."

Will harbors warm feelings for the Department of Psychiatry, "notorious for its spirit, which is unparalleled elsewhere as far as I know." He described the staff as a closely knit group, almost like a family whose members are genuinely interested in one another. "The Department was an extremely cordial, affectionate place in which to live and work. And I had the privilege of being among very interesting colleagues—which psychiatrists usually are."

The Feys now spend more than half of their time on their old farm near Governor Dodge Park—a wild and natural place where coyotes bark/wail/howl at night. Tending to the woods and fairly large garden, putting up wood, entertaining friends and delighting in the out-of-doors keep the Feys respectably busy. And now Will has more time for reading and re-reading the books he's always loved, listening to chamber music, and keeping in touch with the children: an attorney, an architect, and an artist who directs graphics-design at WHA-TV. "They're wonderful kids," Will said, "and we're good friends with them." Q

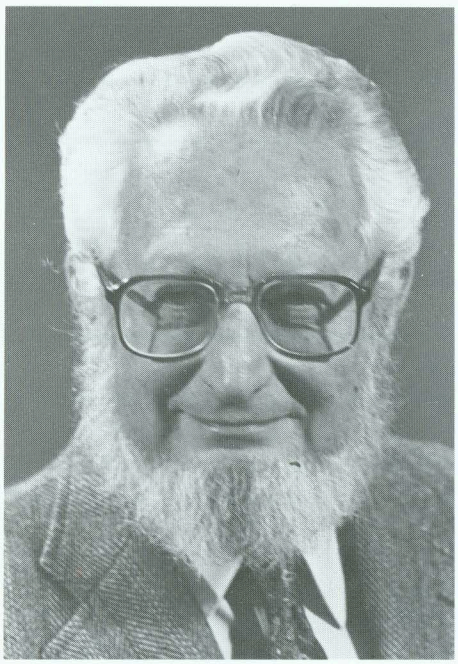
Arvin Weinstein Retires

Happenstance and serendipity have intervened in the career of Professor of Medicine Arvin B. Weinstein at several junctions. The young cardiologist, for example, eventually became intimately involved with kidney dialysis, and the physician who planned to practice far from Madison was irrevocably drawn into the academic environs of his alma mater.

"I never had any doubts about being a physician," Arvin said, "but I more or less stumbled into the kidney area" in a series of events that were to benefit kidney patients in Madison as well as those throughout the country.

Arvin Weinstein's pilgrimage began in his native Madison, where he graduated from the University (1942) and the Medical School (1944). After interning in Chicago, he returned to Madison to seek a letter of recommendation from Chairman of Medicine Ovid Meyer, for Arvin planned to train in Los Angeles County—and concomitantly escape the ordeal of Madison's ragweed season. Dr. Meyer, however, had another agenda in mind, and he persuaded Arvin to serve a residency in internal medicine at the Wisconsin General Hospital.

As Arvin became increasingly interested in cardiology, he practiced part-time with a cardiologist and another physician in Madison while also working in the newly established Cardio-



Arvin Weinstein

vascular Laboratory at the Medical School as a Reseaerch Associate. By this time he had made up his mind to spend full time in academia. But Uncle Sam had another idea for this mature physician 10 years out of Medical School, and he spent two years in the service as Chief of Cardiology at William Beaumont Army Hospital in El Paso, Texas.

After military duty, Arvin was more resolved than ever to join academia. He returned to Madison and delved into the metabolism of heart muscle as an NIH fellow, which necessitated his boning up on biochemistry and some other basic sciences. When the two-year fellowship ended, Dr. Meyer opined that the Department of Medicine really didn't need more cardiologists—that Arvin, with his particular research background, should consider switching to a related area, namely, the kidney.

Thus began Arvin Weinstein's distinguished and influential career in kidney dialysis.

He first learned kidney (needle) biopsy at the University of Illinois and later spent a month at the Cleveland Clinic learning dialysis from William Kolff, who developed the first artificial kidney. Arvin subsequently established the UW kidney dialysis program in 1960 with support from the Department of Medicine and a grant from the Oscar Rennebohm Foundation, and has served as its Director until very recently.

"Use of the artificial kidney," Arvin said, "had opened up large areas. At first, we treated only potentially reversible acute renal failure secondary to some catastrophic illness. The idea was to keep the patient alive, to provide support until the kidneys recovered on their own. Then we were in a position to treat chronic kidney failure patients on a regular basis essentially indefinitely." Under Arvin's stewardship, the program has mushroomed from a small unit with one machine to a facility that regularly treats 8 to 10 patients simultaneously in 2 to 3 shifts daily 6 days a week.

Under Arvin's stewardship, the dialysis program has mushroomed from a small unit with one machine to a facility that regularly treats 8 to 10 patients simultaneously in 2 to 3 shifts daily, 6 days a week.

The dialysis program has always been closely linked with the kidney transplant program. In 1964 Arvin and a young surgeon paved the way for transplantation, and in 1965, with the cooperation of other colleagues, a modest kidney transplant program began. Today it is one of the largest and most successful in the world under the direction of Professor and Chairman of the Department of Surgery Folkert Belzer. It still maintains close connections with the dialysis program, which can maintain patients waiting for donor kidneys and can rescue a patient whose transplant fails.

When it became clear that patients with chronic kidney failure could be treated three times a week essentially indefinitely, two problems arose: expanding dialysis facilities and finding a means of funding the expensive treatment. Arvin became a prime mover in both areas.

Dr. Weinstein and Dr. Richard Rieselbach put together a proposal to the Wisconsin Regional Medical Program that provided funds administered by the National Kidney Foundation of Wisconsin to enlarge both dialysis capability and the transplant programs in the state, and to develop a home dialysis training program in Madison. In his work with the National Kidney Foundation, early on Arvin was involved with the implementation of the Medicare End Stage Renal Disease Program, which was one of the amendments to the Social Security Act of 1972. Under this act most of the patients with chronic renal failure became eligible for benefits under Medicare. He also headed up a National Kidney Foundation committee which helped develop rules and regulations for the governing and implementation of this landmark program. And he influenced the writing of another piece of legislation, PL 95-292, in the 95th Congress in 1978; this law extended benefits for dialysis and transplant patients.

On the state level, Arvin helped to write and pass the Wisconsin Kidney Aid bill that filled in the 20% monetary gap left by Federal legislation.

Arvin's basic philosophy underlay his actions: "I found it very offensive in the early days to deal with the idea that people faced with the catastrophic cost of life sustained by dialysis might be confronted with such indignities as becoming impoverished to become eligible for help, or be forced to rely on fund-raising campaigns on their behalf. Volunteer organizations can and have become powerful advocates for those whose needs would not otherwise come to public attention. They act as a bridge between the public and private sector and are responsive to real needs. The most striking example is the role of the National Kidney Foundation in influencing the Congress to enact the Medicare End Stage Renal Disease Program."

Arvin, along with other professional and lay volunteers, founded the National Kidney Foundation of Wisconsin about 20 years ago, and became very active in the National Kidney Foundation, serving as its President from 1976–78.

But what about other costly health care? "It is simplistic and unrealistic," Arvin said, "to defend the notion that everything can be paid for by individual or employer-paid insurance. Too many are not covered—people lose jobs and their health insurance coverage phases out, or they are employed under circumstances that don't provide health care benefits. Coverage for large segments of the population is actually contracting, and health care institutions such as hospitals are finding it more difficult to provide the needed care from their resources." He added that the U.S. is the only highly industrialized country without universal health care coverage.

Arvin Weinstein's career was not entirely devoted to clinical care. He racked up countless hours as part of the planning committee for the new University Hospital. And for about 25 years he sat on a number of Medical School and Departmental committees responsible for improving the education of medical students. He was a member of the curriculum committee that developed a major curriculum revision nearly 20 years ago which is still more or less in place. Until recently, Arvin was in charge of third year Department of Medicine clerkships, a job in which he was pleased to have direct involvement with 40 new students each quarter.

In his spare time, Arvin finds the outdoors much to his liking—especially cross country skiing and canoeing. In retirement, beginning this summer, he plans to pursue a long-standing interest in archeology and anthropology—and intends never to abandon Madison as his home.

Arvin and his brothers, I. Bernard Weinstein (recipient of the 1986 Medical Alumni Citation) and UW Regent Lawrence Weinstein, share "an enormous devotion and affection for the University of Wisconsin." Arvin's "unplanned life" included the "good luck of being born in Wisconsin, one of the most fortunate things that could have happened. This great state university has provided us with opportunities for which we remain very grateful."

Q

Richard C. Wolf Retires

As Chairman of the Department of Physiology since 1971, Emeritus Professor of Physiology Richard C. Wolf has maintained a distinguished and steady line of continuity which began with Walter Meek and John Eyster and continued under William Youmans.

For 15 years, Dick has overseen the operations of the department which carries the heaviest teaching load in the Medical School. At the same time, he has managed to continue an active research program at the Primate Center, serve on many committees, and teach.

Dick Wolf's training began with a bachelor's degree in Biology from Franklin and Marshall College in his home town of Lancaster, Pa., nestled in the rolling hills of Pennsylvania Dutch country. His undergraduate education was interrupted after the first semester when he joined the U.S. Army, first in the infantry and then in the cavalry; Dick was stationed on Okinawa when the war ended, and after 15 months in Japan he returned to F&M to resume his education.

He then proceeded to Rutgers University, where he earned a Ph.D. in Zoology in 1954. After remaining at Rutgers for a year as a Waksman-Merck Postdoctoral Fellow, Dick joined the Harvard School of Dental Medicine, where he studied the effects of growth hormone on protein metabolism, first as a Milton Fellow and then as a Public Health Service Fellow under the guidance of E. Knobil and R.O. Greep.

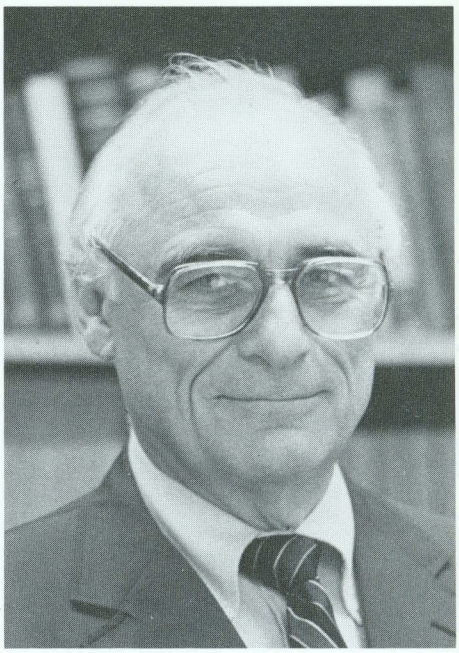
Through the efforts of Professor of Psychology Harry Harlow and Chairman of Physiology William Youmans, Dick was induced to come to the University in 1957 as Assistant Professor of Physiology and the Primate Laboratory. (Later, when the Primate Research Center was established, Dick became one of its three original faculty.) He was the youngest member of the Committee of five in charge of the graduate program in Endocrinology and Reproductive Physiology, an interdisciplinary program under the Graduate School. Professor of Zoology Roland K. Meyer was Chairman of the Committee, and when he retired in 1970 Dick took over.

Dick has always considered the University of Wisconsin unique. "There's absolutely no question that the faculty at Wisconsin are extremely helpful to students and colleagues," he said. "This is a campus where there is a fantastic amount of expertise, and people are willing to share that expertise within and among the colleges. It's easy to get information and assistance with research. I think that's what attracts people to Wisconsin."

As far as young Dick Wolf was concerned, his acceptance of the Wisconsin offer was an easy choice. "Wisconsin was the number one campus in my mind, with a reputation for excellence and a long-standing history in endocrinology and reproductive biology. I could become part of that and at the same time have the opportunity to work with primates." He had already received training in primatology at Harvard. Dick's abilities in both organizing and conducting research and in teaching quickly made him a valuable addition to the faculty.

> **"He is someone who can see into a problem and come up with the important questions."**

The field of reproductive biology has been enriched by Dick's 30-year career as a researcher and by his nearly 150 publications. Chancellor Irving Shain expressed his appreciation in a recent letter: "Your colleagues nationally recognized your research contributions when you were elected a Fellow in the New York Academy of Sciences. Your leadership in your academic discipline clearly has enhanced the international reputation of this university, and we are most grateful."



Richard C. Wolf

A fellow faculty member who has observed Dick's research techniques for many years described him as a very consistent worker who sets his sights on a problem and then methodically continues to attack it. "He is someone who can see into a problem and come up with the important questions."

Richard Wolf and R.K. Meyer collaborated for many years exploring such facets of reproductive biology as:

- The control of gonadotropin secretion in the rhesus monkey
- Fluctuations in plasma lipid levels during pregnancy in the rhesus monkey
- The role of the corpus luteum in pregnant monkeys and its control
- Description of the menstrual cycle in the squirrel monkey
- Patterns of plasma protein and steroid hormone levels throughout pregnancy in the rhesus monkey.

When he first came to Wisconsin, Dick studied the effects of chronic exposure to radiation on the physiology of primates. Later, in collaboration with Professor of Pathology Julian Van Lancker, he investigated whole-body exposure to radiation with an eye towards developing protection from lethal exposures.

In recent years, Dick has worked ex-

tensively with Donald Dierschke, Professor of Meat and Animal Science and the Primate Center. Most of their concerns involve various aspects of embryo implantation and maintenance of pregnancy and factors which control ovarian follicular growth in the rhesus monkey.

Many hundreds of students can testify to the effectiveness of Dick's classroom teaching. One former student, now a UW faculty member, gave Dick the ultimate compliment: "Hands down, he was the best teacher I had." And he was named the School of Pharmacy's Outstanding Professor of the Year in 1971.

In spite of his half-time commitment to research at the Primate Center, where he was Chief of Reproductive Physiology, and the complexities of guiding the Department, Dick has always been willing to tackle committee assignments —a "good faculty citizen." He has, in fact, at one time or another been a member of most Medical School committees, many of which he chaired.

For example, he served as Chairman of the Educational Policy Council, the Student Promotions Committee and the First Year Committee. He also has chaired the Karl Beyer Professorship Committee, the Medical School Promotions and Tenure Appointment Committee, and served on the Research Committee as well as the Divisional Committee in the Biological Sciences and a number of chairmanship search committees.

In his role as Chairman of the Animal Welfare Committee at the Primate Center, Dick said, "I tried to be very sensitive to the fact that it is a privilege to work with living animals and that as scientists we must never abuse that privilege."

His committee work has extended far beyond the campus. Dick has served, for instance, on the NIH Career Development Research Award Committee, the Scientific Advisory Board of the Yerkes Primate Research Center, the NIH Contraceptive Development Contract Review Committee—and others.

Dick is interested in sports—golf in particular—and can be spotted now and then on most Madison area courses. And he is an avid, eclectic reader known to go through two to three paperbacks a week. In retirement, he plans to do some editing, lots of reading, some traveling, and the rest will, he said, fall in place. Q

Looking Ahead

Hanno Mayer, M.D.
Chairman
Long-Range Planning Committee

Some years ago, I wrote an article in the *Quarterly* asking Alumni to increase their annual giving, and the response, under the guidance of John Brennan, has been good but not up to our potential. This missive is not so much a direct financial appeal as an attempt to acquaint you with future needs of the Medical Alumni Association.

As Chairman of the Long-Range Planning Committee one tends to become aware of impending problems earlier than most of the Membership. Our mission is to report to the Board on options for solution of such matters as they refer to us. In this manner, we also become sensitized to what looms on the horizon even though these problems have not yet been referred to us by the Board.

At the present time, we face definite changes in administration of the Medical Alumni Association due to impending resignations and retirements. This has been discussed at the Board level and further evaluations are underway by their instructions. There is no question in my mind that there will be an increase in administrative costs.

We have also committed ourselves to yearly awards of Medical Alumni Professorships and the list of recommendations is such that it not only assures the ongoing quality of teaching but also points to the need for future expansion of this new program.

Our Association is growing in numbers, at the same time it is aging. The classes of the Seventies are trained and working, and the early Eighties are not far behind. Without their support and participation we cannot progress. The call to these classes is "time's a-wasting—get involved." We need all Alumni as active participants and regular donors.

Student loans and scholarships are an ever increasing need and while the Alumni Association has taken on some responsibilities, much more needs to be done.

I can only ask you to give thought to all of this, and when the Annual Giving Chairman calls—listen and act.

Q



Anatomy of an Experiment

—A Look at Work in Progress

Recently developed tools of biotechnology such as monoclonal antibodies and magnetic resonance imaging have made it feasible to explore an improved method of detecting small brain tumors. The approach, still in its early experimental stages, illustrates how medical scientists can build upon established ideas and techniques to synthesize a potentially life-saving diagnostic procedure.

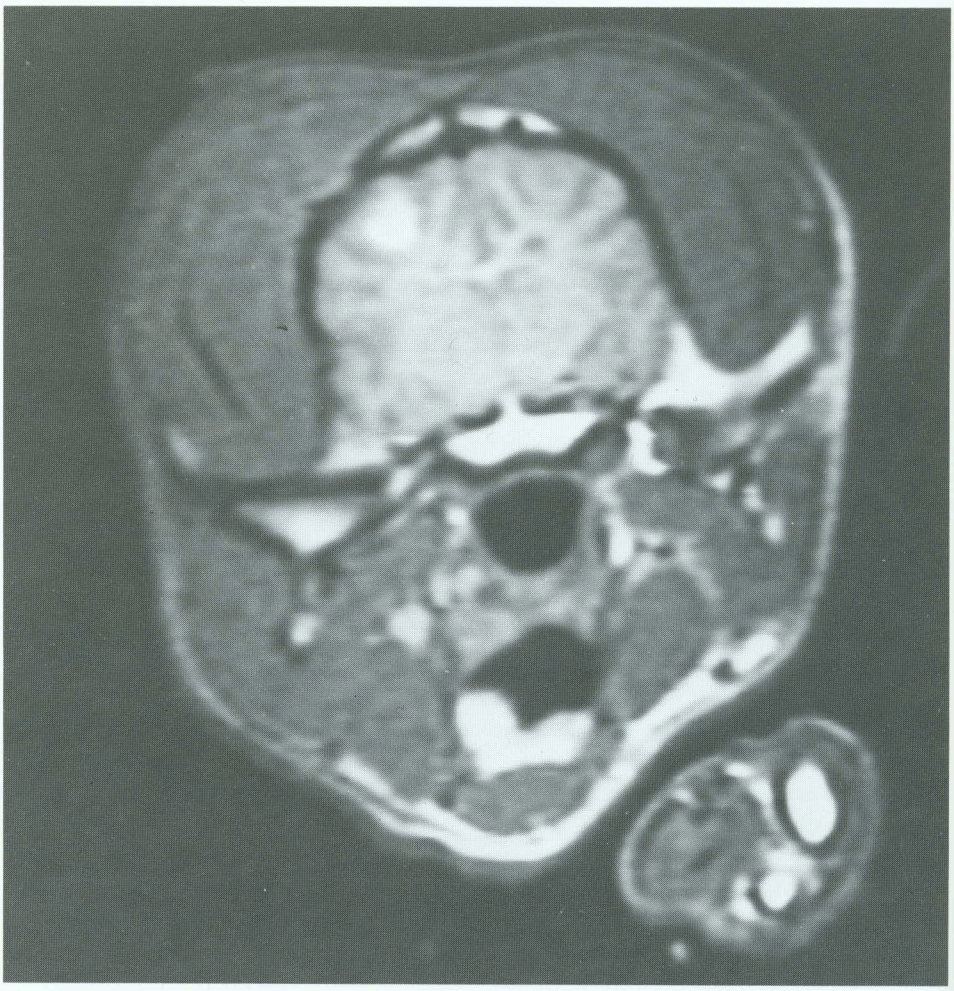
There are a number of leukemias in which abnormal T cells travel to sanctuary sites where they are protected from chemotherapeutic agents. The brain is a common refuge area for such cells, which can develop into tumors a year or two after their sister cells have been eliminated from the host. The renegade T cells also can emerge from the central nervous system, reseed the body and initiate another round of leukemia.

Since re-establishment of leukemia and the formation of brain tumors are major problems for leukemics, it would be very useful if these T cells and the tumors derived from them could be detected and treated at an early stage. This is the ultimate goal of Professor of Neurology Steven E. Kornguth and his colleague Patrick A. Turski, Assistant Professor of Radiology.

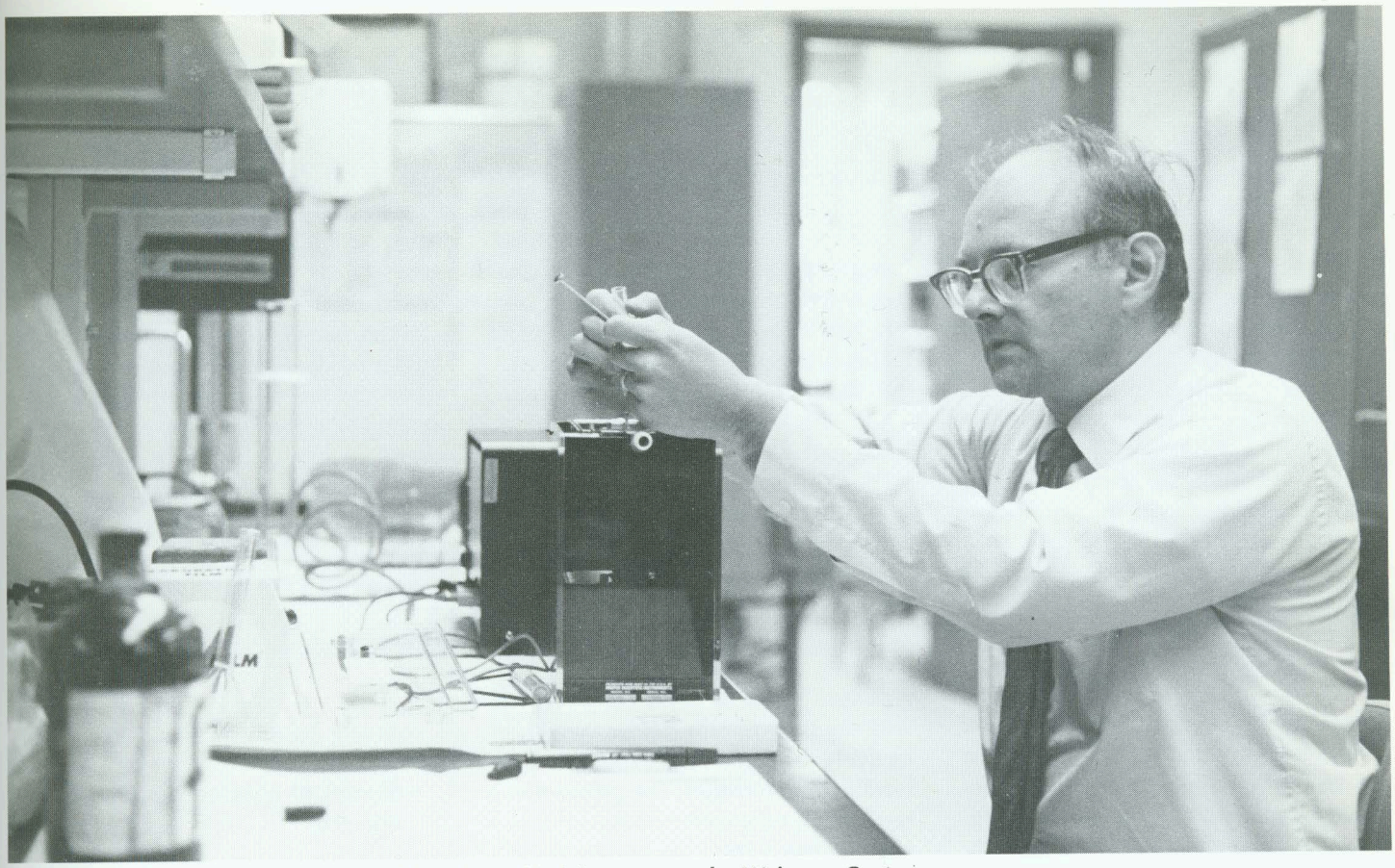
Finding a Prototype

Such a grandiose goal, however, requires a good deal of spadework in the laboratory before it can be considered feasible for human trials. Will a given approach work? Is it reproducible? Is it worth pursuing?

Several problems had to be confronted before Kornguth and Turski were able to produce a satisfactory prototype: clear



This magnetic resonance image of a living (anesthetized) dog clearly shows an area where the antibody complex (antibody-gadolinium-DPTA) has attached to injected human T cells located at about 11 o'clock in the brain. It is a 5 millimeter thick coronal image.



Professor of Neurology Steven Kornguth works in his laboratory at the Waisman Center.

MRI images of their model system, the dog brain in which human T cells had been introduced. (A large animal such as a dog was necessary because the lower limit of MRI's resolution is about two millimeters.) Primarily, they had to work out a protocol that would allow the implanted T cells to stand out among an overwhelmingly greater number of dog brain cells in an MR image.

Tagging the Tumor

In an attempt to pinpoint the target T cells, Kornguth and Turski obtained monoclonal antibodies prepared against human T cells. It was essential that the antibodies could recognize antigenic markers on the surface of the T cells, where the antibodies could find the markers and attach to them. It also was important that there were an adequate number of markers on the T cell surface so that a reasonable amount of antibody would attach.

Enhancing the Tumor Image

Once the proper antibodies were identified and acquired, the researchers had to work out a way to exploit the anti-

William H. Perman, Assistant Professor of Medical Physics and Radiology, is the physicist in charge of the experiment. He set up the protocols and wrote the data bases.

UW Magnetic Resonance Imager

The Medical School's magnetic resonance imaging system was purchased last year from General Electric Company Medical Systems Group in Waukesha, Wisconsin. The GE Signa System comes equipped with a very powerful 1.5 Tesla magnet, making it useful in detecting elements other than hydrogen.

Gadolinium

The rare-earth element gadolinium (Gd) is a contrast-enhancing agent that has received much attention lately. Because it contains 7 unpaired electrons, gadolunium posesses strong paramagnetic properties (aligning in the direction of the magnetic force), and it can hasten the relaxation rates of protons in its immediate environment. Gadolinium, in fact, has the strongest influence of all elements on the relaxation times of intimately associated hydrogen protons. This means, in effect, that Gd makes the hydrogen ions in nearby water molecules reorient more quickly and hence show up differently than "regular" water in a magnetic resonance image.

MRI Technology

Magnetic resonance imaging technology is very complicated. The nuclei of certain atoms—those with an odd number of protons or neutrons in their nuclei—act as if they are spinning gyroscopes. Fortunately, many atoms in biologically interesting molecules fit this category. When these randomly oriented atoms are subjected to a strong, static magnetic field, they tend to line up with the magnetic field in a north/south direction, just as a compass needle points toward the north without actually moving towards the north pole. When a particular type of radio frequency is applied in a quick pulse perpendicular to the direction to the oriented atoms, they become perturbed, or knocked out of alignment. This causes them to precess (wobble) as they return to their original position; this relaxation motion induces a.c. signals in a nearby receiving coil. The electric signals are transformed into digital information and fed into computers, which generate a variety of images.

The MRI system is particularly sensitive to the hydrogen proton; hence water, with its high content of hydrogen, is "seen" well, and MRI images of soft tissue can be exquisite.

Nuclear magnetic resonance technology has been around more than 30 years and has been an indispensible analytical tool in chemistry and biochemistry labs. Its imaging potential, however, was not developed until 1973, and it retained experimental status until 1985. It is thought that MRI causes the patient no harm.

bodies' ability to find the T cells and adhere to them, and then translate that ability into something that could be detected by magnetic resonance imaging. This modality essentially sees water; i.e., it produces a map of the distribution of water in the body, and, to a lesser extent, of fat. It is particularly useful in imaging the brain.

Although it is possible for MRI to differentiate some tumors from contiguous non-tumerous tissue because of the tumor's sightly greater content of free water, the differences are subtle. When dealing with very small tumors or with a scattering of T cells, one needs to somehow enhance the differences between them and normal tissue.

The solution to highlighting the T cells came in the form of the rare-earth element gadolinium, known for its ability to decrease the relaxation time of water in the MRI system. (See box for explanation of MRI technology.) When gadolinium was joined to the monoclonal antibodies which were attracted to T cells, it affected water molecules in the immediate vicinity of the T cells so that they were seen in greater contrast on an MR image.

Detoxifying the Contrast Enhancer

Gadolinium, however, is highly toxic. It had to be chelated to diethylenetriaminepentaacetic acid (DTPA), which rendered it safe in the body.

Another obstacle to the experiment was the blood-brain barrier, which effectively bars many compounds from reaching brain matter. The problem was resolved by treating the dogs with hyperosmolar mannitol, thus temporarily disrupting the barrier and allowing the antibody-gadolinium-DTPA complex to reach its target.

Putting the Pieces Together

After about a year and a half of testing and changing the parameters of the experiment, Kornguth and Turski:

- injected the brain of a living dog with human T cells and bovine T cells in discreet areas
- administered hyperosmolar mannitol to break the blood-brain barrier
- administered the antibody complex (antibody-gadolinium-DTPA)
- obtained MR images in which the human T cells were clearly visible, while bovine T cells as well as small volumes of injected dog blood went undetected.

The Potential

Kornguth described the experiment as a beginning, a feasibility study.

But now that the researchers know that the system works—at least in limited studies with dogs—they are looking forward to the day when an expanded technology can be used in human patient populations. Someday, it may be possible to differentiate normal T cells from brain cells from tumor cells, and even to differentiate among various tumor lines by using the appropriate monoclonal antibodies. Then the patient could be treated with the most effective strategy early in the disease process, when the prognosis is most promising. Q

Monoclonal Antibodies

When lymphocytes from immunized animals are fused with myeloma cells, they form hybridomas which produce pure strains of antibodies. These monoclonal antibodies are particularly valued for their specificity. For example, they can distinguish among closely related tumors having only small differences in their antigenic markers. Monoclonals have made diagnosis of many diseases easier and more precise.

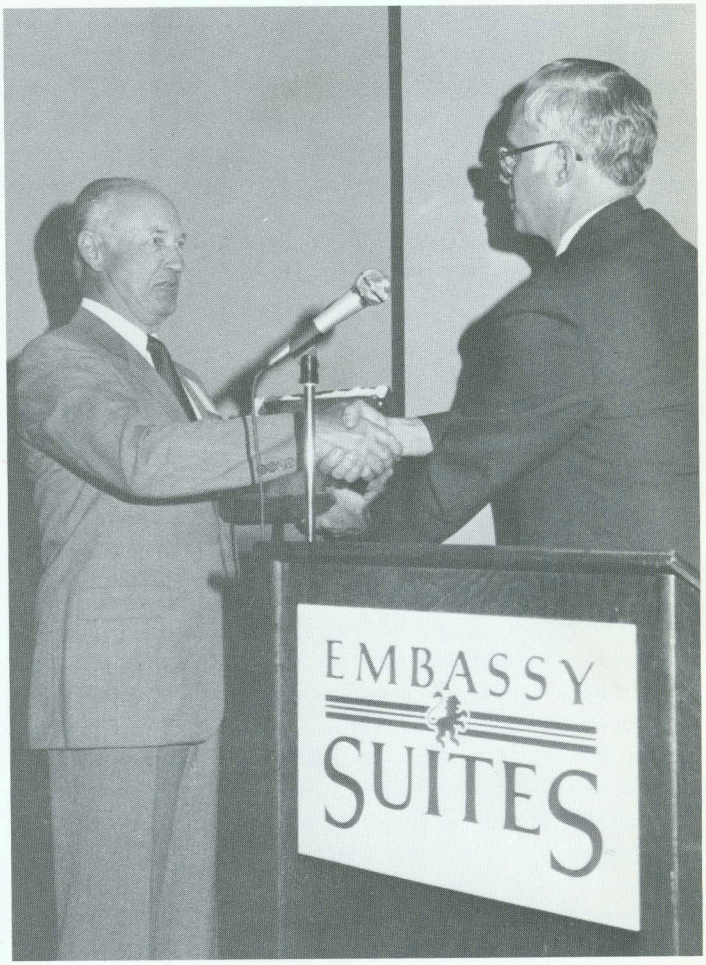
Green Bay Regional Meeting
April 27, 1986

Presentation of a Distinguished Service Award to alumnus Thomas Beno '46 of Green Bay and a powerful panel discussion of the effects of malpractice suits on physicians and their families provided the ingredients for a highly successful regional spring meeting.

Board member Herb Sandmire '53 and spouse Crystal were the organizers of the excellent meeting.



Crystal Sandmire (Mrs. Herbert) and Mrs. Jacob Kaufman.



President Kindschi presenting Distinguished Service Award to Dr. Thomas Beno '46.



Panel discussing effects of malpractice suits on physicians and families; (left to right) Psychiatrist Michael O'Neill, Mrs. Beverly Murphy, Dr. Chet Crawford, Dr. and Mrs. Jack Utrie.

Distinguished Service Award Recipient

Thomas J. Beno

Dr. Thomas J. Beno of the class of 1946 received the Association's Distinguished Service Award at a ceremony in Green Bay on April 27. The Award is given to an alumnus, nominated by his peers, in recognition of exemplary contributions to his community, his profession, and his patients.

A native of Green Bay, Tom received a B.A. in chemistry from St. Norbert's College and his M.D. degree from Wisconsin in 1946. He served a residency in general and thoracic surgery at Marquette and is a fellow of the American College of Surgeons.

After a distinguished military career as a Captain in the Medical Corps in Korea, for which he was decorated, Tom contributed richly to his community and his profession for over thirty years.

That he was decorated for his military service is not surprising. At every stage of his career Tom has received recognition for diverse accomplishments. A few examples are the Chicago Tribune Award received when Tom was a student at St. Norbert's College, an award for medical writing from Marquette, awards from the AMA, the Ministry of Health for the Republic of Vietnam, and the U.S. Department of State for his humanitarian service to Vietnam civilians.

Tom has also received the Alma Mater Award of St. Norbert's College and the William Sanders Award of St. Norbert's Alumni Association.

In every stage of his career Tom has demonstrated a rare ability for superb leadership. Again this will not be an exhaustive list: President of the medical staff at Bellin Hospital; Chief of Surgery at St. Vincent's Hospital; a founding member of the Wisconsin Chapter of the American College of Surgeons, member of the Wisconsin Peer Review Organization, and President of the Wisconsin Surgical Society.

In the area of community service, Tom has served as President of the Green Bay Board of Education, Co-director of the County Civil Defense Organization, and member of the Board of Directors of the St. Norbert's Alumni Association.

Tom has also found time to publish papers in national surgical journals.

He is a flier, a skier, a hunter, a sailor, a golfer, a coin collector, the husband of Lou, the father of four children, and the deserving recipient of our Distinguished Service Award for 1986. Q



Dr. and Mrs. Thomas Beno with Distinguished Service Award plaque.

Musings at Midlife

Antoinette Slosson Meuer '34

It may not be written, "By their humor ye shall know them," but one inevitably draws conclusions, in reading omnipresent graffiti and hearing the current jokes making the rounds at the faculty club or cocktail parties, about today's taboos and widespread concerns.

Authority figures have always been popular and easy targets. In one of William S. Middleton's essays he turns the joke on himself—defining an assistant dean as a mouse in training to become a rat.

Faculty colleagues at several college campuses have, with a smirk, quoted the following analogy: "The faculty is the flock, the department chairmen are the shepherds, and the dean is the crook they lean upon."

One may make inferences from the following graffiti from a Wisconsin Medical School rest room, perhaps the creation of a sophisticated and appropriately cynical second year medical student: "A typical day for a doctor: a two martini lunch, a subpoena, and ten over par."

Humor dealing with sexual mores and attitudes is window by which we observe today's society while homosexuality is but a pane in the glass.

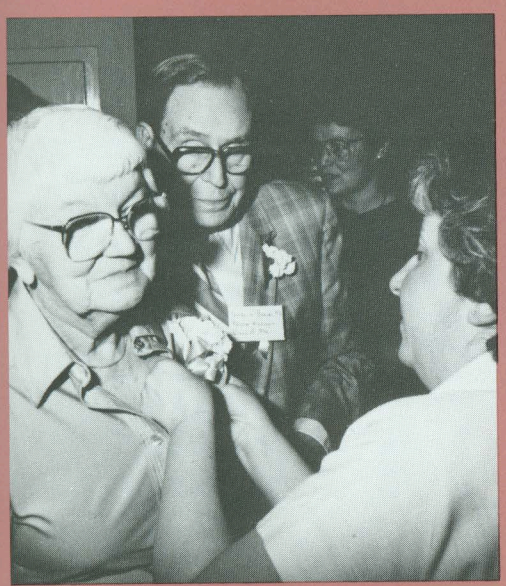
I was taught to include an apt, classical quotation in each essay to impart an air of erudition even though one may be somewhat hazy as to the exact meaning of that felicitous phrase.

The following quotation was used in a touching eulogy mourning the untimely demise of the infant son of John Longbottom: *Ars longa vita brevis.* Q

ALUMNI REUNION

1936







***Class of 1936** (left to right):* Class reunion. A corsage for Mrs. Gordon Brewer, spouse of fiftieth anniversary class member. Mrs. Harvey Raszkowski and Henry Anderson at '36 reunion.





1941





1946

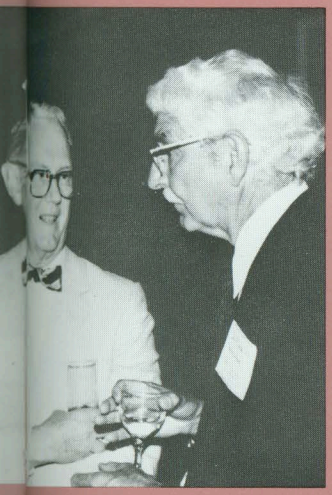


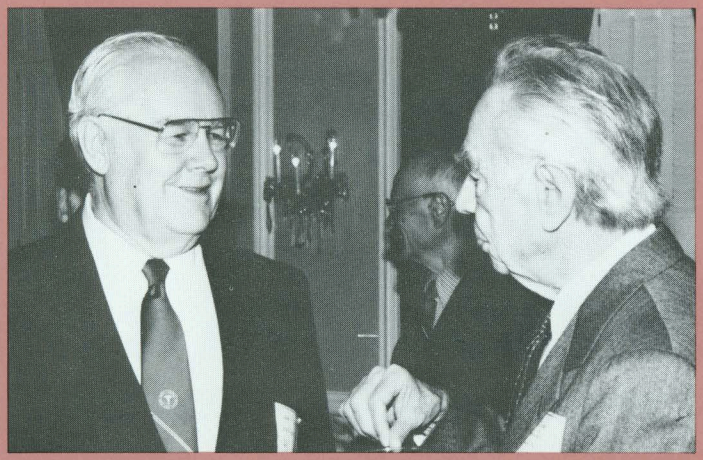




Class of 1936 *(continued left to right):* The 1936 class after receiving their bronze medallions. Ed LeFeber, '36, Mrs. LeFeber and Emeritus Professor P.P. Cohen—guest speaker for '36 reunion. Co-class representative Ed LeFeber and 1936 classmates Donald Pattison and Harvey Raszkowski.

Class of 1941 *(left to right):* Class reunion. Ann Peckham, Ben Peckham and John Nebel at 1941 class reunion. Russ Lewis, '41, and Emeritus Professor "Murph" Shapiro at the '41 reunion. ***Class of 1946*** *(left to right):* The record 1946 class reunion—count 'em folks. Spouses and guests at the 1946 reunion. Previous 1946 class reunion photos are reviewed.









1951



1956

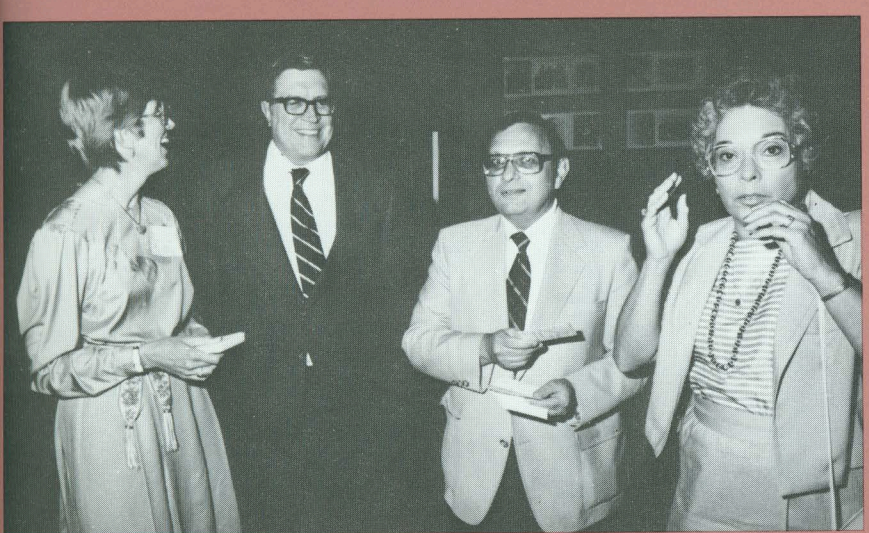












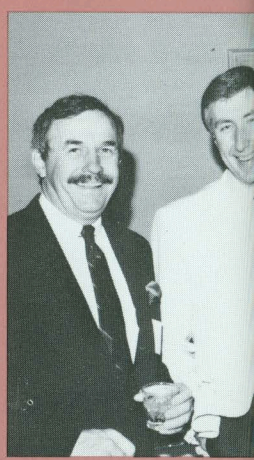
Class of 1951 *(left to right):* Class reunion. Alice McPherson greets two classmates at 1951 reunion. J. Warrick and Louis Pfeiffer at 1951 class reunion. ***Class of 1956*** *(left to right):* Class reunion. Ben Rusy (center) and Tom Subitch with classmate at 1956 reunion. *Class of 1956 (continued left to right):* Jim Brandenburg, '56, Emeritus Professor Ken Lemmer and Mrs. Lemmer. Diane Dahl and classmates at '56 reunion.

1961



1966





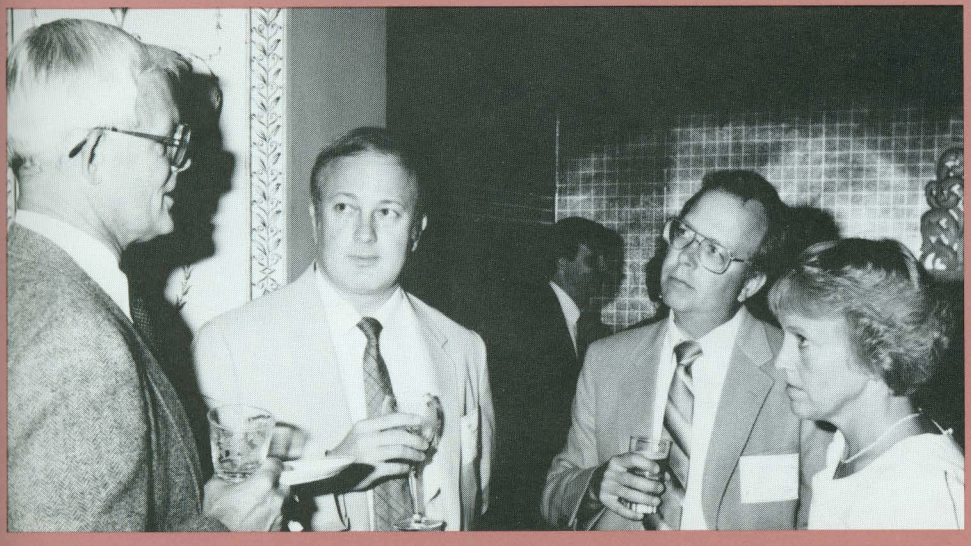
1971











Class of 1961 *(left to right):* Class reunion. Ken Oberheu and Don Nowinski flank a classmate at the 1961 reunion. ***Class of 1966*** *(left to right):* Class reunion. Roger Rathert, Keith Sperling and Jeff Thomas at 1966 reunion. The Chez Michel Restaurant was the venue for the 1966 reunion. ***Class of 1971*** *(left to right):* Class reunion. Anatomy Professor James Petterson and members of the 1971 class at their fifteenth reunion.

1976

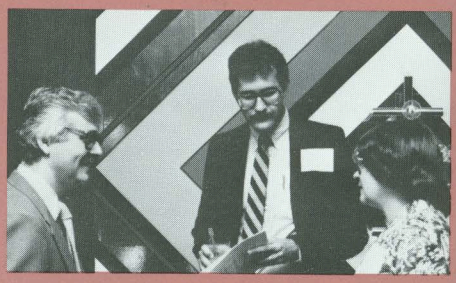






1981





REUNION PHOTOS

Copies of Reunion photographs or other photos appearing in the *Quarterly* may be ordered from the Medical Alumni Office at a cost of: 4″ × 5″ $2.00 ★ 5″ × 7″ $3.25 ★ 8″ × 10″ $3.65

See insert for reunion group photos.

***Class of 1976** (top):* The tenth reunion photo *(left to right):* Reunion participants. Teresa Quinn, Cheryl Braun and Mary Jo Freeman at the 1976 class reunion. ***Class of 1981** (left to right):* Class reunion. Administrator Ron Holt at 1981 class reunion as honored guest.

Medical School Honors Convocation

On Friday, May 9, 1986, the Annual Honors Convocation provided the opportunity for the Medical School to recognize and honor those students who have distinguished themselves by superior achievement or promise or have demonstrated particularly noteworthy concern for patients.

Many of the awards given, which range from $150 to $1,000, were established and are sustained by Alumni gifts or bequests. The 1945 class continues to support the Ralph Waters Scholarship; the class of 1961 created and suports the Vincent Russo Award with its annual gifts; gifts from family members, colleagues, alumni and friends are responsible for the Bleckwenn Award for Clinical Promise, the Harry Waisman Award, the Otto Mortensen Scholarship, the James Sallach Scholarship and others. Your contributions to any of these worthy purposes will ensure that inflation will not diminish the usefulness of the award to the recipient.

After the awards were presented and members of Alpha Omega Alpha were introduced, Attorney-at-Law James L. Griffith, from the Philadelphia law firm of Griffith and Burr, gave the Convocation Address: "Politics, Legislation and Physician Practice—A Question of Survival."

ALPHA OMEGA ALPHA MEMBERS

CLASS OF 1986

Tracy L. Bell
Diane M. Biskobing
Stephen R. Dernlan
Kika M. Dudiak
Susan E. Duthie
David M. Fantle
Mark A. Hoenecke
David E. Hoops
Steven D. Johnson
Carl A. Lindgren
Steven C. Link
Timothy N. Logemann
Diane M. Mayland
Mary E. McGrath
David W. Moen
Christopher A. Ohl
Edwin M. Overholt
Elizabeth M. Petty
Mark A. Richetto
Tracy E. Robertson
Christopher R. Sartori
David J. Simenstad
Jeffrey J. Smukalla
Amanda L. Strosahl
Paul A. Veregge

CLASS OF 1987

Stephen R. Bartos
Kelly A. Finnane
Neal S. Goldstein
William J. Groh
Randolph W. Hurley
Mary M. Milbrath
Bradley S. Peterson
Philip B. Sharpless
Robert E. Vlach

1986 HONORARY MEMBERS

John A. Stancher, M.D.
Enid F. Gilbert, M.D.

PRESENTATION OF STUDENT AWARDS

THE D. MURRAY ANGEVINE PATHOLOGY AWARD

Given in recognition of outstanding achievement in Pathology by a medical student by the end of the second year. The award memorializes Professor D. Murray Angevine, who served many years as Pathology chairman beginning in 1945 and who also contributed significantly at the national level.

David C. Goodspeed, Med 2

CHARLES RUSSELL BARDEEN AWARD

Given by the Phi Delta Epsilon Medical Fraternity in honor of Dr. Bardeen, Professor of Anatomy and first Dean of the Medical School. Presented to the most outstanding student in anatomy.

Judy R. Kersten, Med 2

WILLIAM J. BLECKWENN, JR. AWARD

Given by the late Dr. William J. Bleckwenn, Sr. and Mrs. Bleckwenn in memory of their son who died during his third year in medical school. Dr. Bleckwenn was a member of the faculty of this medical school from 1922–1954. Presented to a senior student, this award is based on clinical promise in recognition of qualities of character, heart and mind, that combine to make the true physician.

Carmen T. Garcia, Med 4
Residency: Baylor College Affiliated Hospitals in Pediatrics

THE KATHERINE BUERKI SCHOLARSHIP AWARD

This award was established by Robin C., Frederick A. and Glen A. Buerki in memory of their mother. Dr. Robin C. Buerki was Superintendent of University Hospitals from 1923–1941. It is awarded in alternate years to an outstanding student in the School of Medicine on the basis of character and probable success in medicine.

Bradley S. Peterson, Med 3

THE CIBA AWARD FOR OUTSTANDING COMMUNITY SERVICE

This award is to recognize a second year student who has performed laudable extracurricular activity.

David Cypcar, Med 2
For his work with the "Doctors Ought to Care" program

THE CLASS OF 1953 SCHOLARSHIP

Given to a worthy and deserving student entering the second, third or fourth years. It was established by the Class of 1953 to recognize and assist dedicated medical students.

Michael K. Case, Med 2

THE OTTO MORTENSEN SCHOLARSHIP

Awarded to a first year student for the most outstanding work in Gross Anatomy.

Danny Schust, Med 1

OUTSTANDING FIRST YEAR STUDENT AWARDS

Given in recognition of outstanding overall academic performance in the first year of medical school.

Daniel A. Hagerman, Med 1
Neil A. Grieshop, Med 1
Christopher P. Harkin, Med 1
Steven V. Bittorf, Med 1

THE GRACE M. PARKER SCHOLARSHIP

Awarded on the basis of interest and promise in the field of psychiatry.

Daniel J. Sutton, Med 4

THE LEWIS E. AND EDITH PHILLIPS AWARDS

Awards are provided annually to help support the continuing education of students who have demonstrated outstanding achievement. Mr. Phillips was a native of Eau Claire and a generous benefactor of the University and its medical school.

Stephen R. Bartos, Med 3
Daniel J. DeBehnke, Med 2
Kelly A. Finnane, Med 3
Judy R. Kersten, Med 2
Sheldon M. Polonsky, Med 2

THE JAMES M. PRICE AWARD

This award is made in recognition of the many contributions of Dr. J.M. Price in the field of cancer research. It is given to a registered medical or graduate student for meritorious research in the general field of cancer.

Roger M. Wiseman, Grad Student
For his research on the chemical aspect of chemical carcinogenesis.

THE VINCENT RUSSO MEMORIAL AWARD

Given by the Class of 1961 in memory of Dr. Russo, a member of that class. It is awarded to a third year student on the basis of qualities of leadership and character.

Mark B. Hallett, Med 3

THE DR. H. JAMES SALLACH SCHOLARSHIP

Given by family and friends in memory of Dr. Jim Sallach, Professor of Physiological Chemistry, to an outstanding third year student interested in primary care.

Jeffrey W. Gaver, Med 3

THE SANDOZ AWARD

Given in recognition of high academic achievement in the clinical years.

Mary E. McGrath, Med 4
Residency: Barnes Hospital, St. Louis in Internal Medicine

THE UNIVERSITY LEAGUE SCHOLARSHIP

This scholarship is provided by the University League and is given this year to a student who has been a leader among his or her classmates.

Mary M. Milbrath, Med 3

THE CORA M. AND EDWARD VAN LIERE AWARD

Dr. Van Liere was a graduate of the University of Wisconsin in Medical Sciences in 1918 and Dean Emeritus of West Virginia Medical School. This award is presented to the senior student who achieved the highest scholastic standing during the four years in Medical School.

Mark A. Hoenecke, Med 4
Residency: University Hospital and Clinics in Anesthesiology

THE HARRY A. WAISMAN MEMORIAL AWARD

Dr. Waisman was a graduate of the University of Wisconsin Medical School and Professor of Pediatrics from 1958 to 1971. This award was established by family and friends in his memory and granted annually to the senior medical student who has demonstrated the greatest talent in his or her studies of health problems of children.

Elizabeth M. Petty, Med 4
Residency: University Hospital and Clinics in Pediatrics

THE RALPH M. WATERS MEDICAL SCHOLARSHIP

This award is provided by the Class of 1945 in honor of Dr. Waters, Professor of Anesthesiology from 1926 to 1949. It is presented to third year students based upon merit, ability and scholarship.

Randolph W. Hurley, Med 3
Philip B. Sharpless, Med 3

THE YOUMANS AWARD IN MEDICAL PHYSIOLOGY

This award is provided by William B. Youmans, long-time chairman of the Department of Physiology and is given to the most outstanding student in medical physiology.

Johnny Eng, Med 2

THE GIBBS ZAUFT AWARD

This award commemorates a general practitioner who gave an exceptional amount of personal time and care to the donor's parents. It is given to the graduating senior who has displayed the most genuine concern for the comfort and welfare of his or her patients.

Amanda L. Strosahl, Med 4
Residency: La Crosse Lutheran Hospital in Internal Medicine

THE DRS. JOSEPH DEAN AWARD

Given by the late Mrs. Joseph Dean, Sr. in memory of her husband and son, distinguished physicians in the Madison community and clinical teachers at the Medical School. It is given to assist the education of a worthy medical student.

Carl A. Lindgren, Med 4

DRS. HOUGHTON AWARD

Established to honor outstanding students from Wisconsin Medical schools who, through scholastic excellence, extracurricular achievement, and interest in the activities of medical organizations, show high promise of becoming a "complete physician."

Christopher R. Sartori, Med 4
Residency: David Grant Medical Center, Travis AFB, California in Family Practice

(Chris received his award April 17 at the Annual Meeting of the State Medical Society. We would like to extend our congratulations at this time.)

THE FRANCIS M. FORSTER AWARD

Established by the Department of Neurology in recognition of Dr. Forster's outstanding service to the University of Wisconsin Medical School as Chairman of Neurology from 1958 to 1978. This award honors a graduating medical student for excellence in Neurology.

Kirk C. Wilhelmsen, Med 4
Residency: Presbyterian Hospital, New York in Neurology

FOUNDERS AWARD

This award is presented by the Wisconsin Academy of Family Physicians to an outstanding student interested in forwarding the concepts of family practice.

John L. Udell, Med 3

THE EVAN AND MARION HELFAER SCHOLARSHIPS

It was the desire of Mr. and Mrs. Helfaer to reward academic achievement and assist in the further education of medical students. Mr. Helfaer was a native of Milwaukee, a graduate of the University of Wisconsin Class of 1920 in Chemistry, and founder of Lakeside Laboratories.

Christopher A. Ohl, Med 4
Residency: Bethesda Naval Hospital in Internal Medicine

Steven D. Johnson, Med 4
Residency: Loyola University Medical Center in General Surgery

Mark A. Richetto, Med 4
Residency: Medical College of Wisconsin in Internal Medicine

Kika M. Dudiak, Med 4
Residency: Mayo Graduate School of Medicine in Diagnostic Radiology

David E. Hoops, Med 4
Residency: University of Wisconsin Hospital in Anesthesiology

THE DOROTHY AND CHARLES INBUSCH AWARD

This award is given to a student or faculty member for meritorious work in medical research. The award is shared this year between two medical students.

For his work on the relationship of motoneuron survival and the periphery:

Mark E. Lanser, Med 4
Residency: Jewish Hospital/Barnes Hospital, St. Louis in Internal Medicine and Neurology

For her research in Neurochemistry:

Linda Hegstrand, Med 4
Residency: University of Minnesota Hospitals in Rehabilitation Medicine

THE LEMMON COMPANY STUDENT AWARD

This award is given by the Lemmon Co. to a student with high achievement during the four years of medical school.

Tracy L. Bell, Med 4
Residency: St. Mary's (Madison) in Family Practice

THE DR. T.A. LEONARD AWARD

Given for exemplary performance on the Ob/Gyn rotation.

William Groth, Med 3 and **Laurie Noll**, Med 3

GEORGE MAKI MEMORIAL SCHOLARSHIP

Established by Laura E. Maki in memory of her husband who died on March 12, 1985. This scholarship recognizes a fourth year medical student who has demonstrated outstanding abilities as a scholar and exhibited commensurate outstanding qualities in the humanistic aspects of medicine, and who has made a commitment to pursue training in internal medicine.

Tracy E. Robertson, Med 4
Residency: New England Deaconess Hospital, Boston in Internal Medicine

MEDICAL STUDENT RESEARCH AWARD

This award has been established by the Department of Medicine to recognize research accomplishments by a medical student.

For his research work with Dr. Robert Schilling:

Patrick W. O'Leary, Med 4
Residency: University Hospital and Clinics in Pediatrics

THE WILLIAM S. MIDDLETON AWARD

Given to recognize superior academic achievement including excellent performance on clinical rotations. The award memorializes Emeritus Dean Middleton whose medical school career spanned over sixty years and epitomized dedication to teaching at the bedside.

Suellen L. Hamkins, Med 3

The Class of 1986

The Medical School's 59th class received their diplomas on Saturday evening, May 17, in the UW Fieldhouse with other University professional and graduate students.

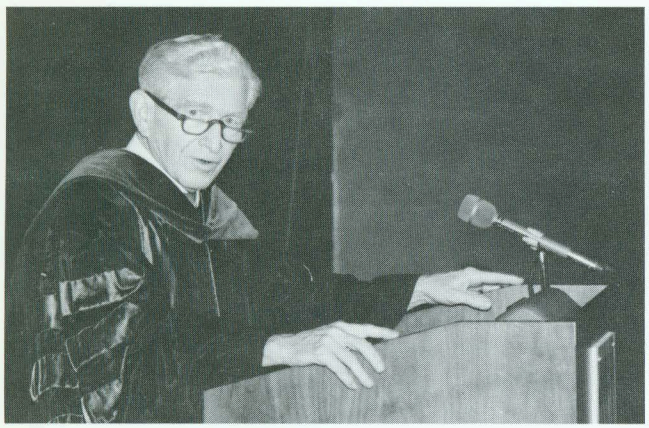
At 10 a.m. on the 17th, the Medical School Class of '86 was honored with a Recognition Ceremony in the Memorial Union Theater. Speakers included Dr. Ben Lawton, President of the UW Board of Regents; Dean Arnold Brown; Dr. George Kindschi, Past President of the Medical Alumni Association; and Class Speaker Christopher Sartori '86. Professor of Pathology and Laboratory Medicine Enid Gilbert and Professor of Medicine Benton Taylor hooded the students.

Nearly 1,000 graduates, friends, and relatives enjoyed a luncheon in Great Hall after the investiture ceremony.



Recognition Ceremony

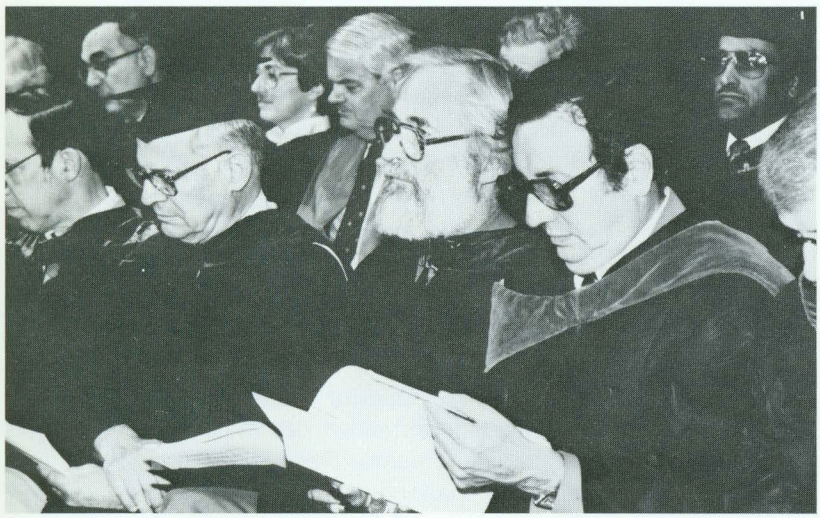
Members of the graduating class will train in hospitals and clinics across the country. Twenty-nine percent chose Internal Medicine, 20% Pediatrics, 14.5% Family Medicine, 12.4% General Surgery, and 4% Anesthesiology. No one chose Ob-Gyn, and 4% were transitional. Q



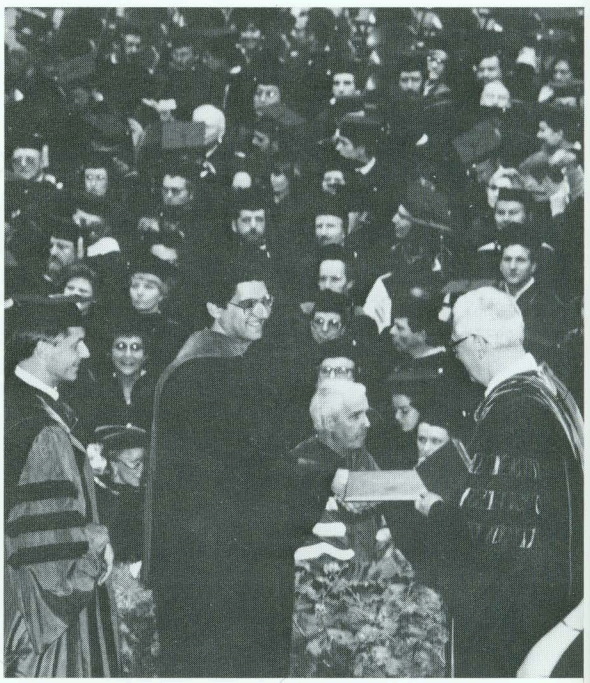
Regent President Ben Lawton, '46, featured speaker at medical student recognition ceremony



Professors Enid Gilbert and Benton Taylor responsible for "hooding" graduates at recognition ceremony



Department chairmen Duard Walker, Henry Schutta, Eugene Farley and Harry Karavolas at recognition ceremony



The culmination of it all

1986 Residency Addresses

ALABAMA

*David R. Weber
Department of Anesthesiology
University of Alabama Medical Center
619 S. 19th Street
Birmingham, AL 35294

CALIFORNIA

Mark A. Bigalke
Department of Internal Medicine
Los Angeles County–
USC Medical Center
1200 N. State Street, Rm. 8134
Los Angeles, CA 90033

Daniel A. Collins
Psychiatric Hospital
Los Angeles County–
USC Medical Center
1934 Hospital Place
Los Angeles, CA 90033

Steven Dorfman
Department of Pediatrics
University of California–
Davis Medical Center
4301 X Street
Sacramento, CA 95817

Susan E. Duthie
Department of Pediatrics
University Hospital
University of California Medical Center
225 W. Dickinson Street
San Diego, CA 92103

Cynthia L. Gerndt
Internal Medicine
Children's Hospital of San Francisco
P.O. Box 3805
San Francisco, CA 94119

*Cynthia L. Gerndt
Department of Anesthesia
University of California–Davis
School of Medicine
Davis, CA 95616

James M. Hynson
Transitional Program
San Bernardino County Medical Center
780 E. Gilbert Street
San Bernardino, CA 92404

*James M. Hynson
Department of Anesthesiology
University of California–San Francisco
513 Parnassus Avenue
San Francisco, CA 94143

Steven C. Link
Department of Orthopedics
San Diego Naval Hospital
San Diego, CA 92134

James L. Ogrodowski
Department of Internal Medicine
Los Angeles County–
USC Medical Center
1200 N. State Street, Rm. 8134
Los Angeles, CA 90033

Mark A. Rahn
Department of Anesthesia
Oakland Naval Hospital
8750 Mountain Boulevard
Oakland, CA 94627

Christopher R. Sartori
Department of Family Practice
David Grant USAF Medical Center
Travis AFB
Fairfield, CA 94535

Robert W. Waterman, Jr.
Department of Psychiatry, POB 113
Letterman Army Medical Center
San Francisco, CA 94129

CONNECTICUT

Laurel A. Hortvet
Transitional Program
Hartford Hospital
80 Seymour Street
Hartford, CT 06115

*Laurel A. Hortvet
Department of Anesthesia
Hartford Hospital
80 Seymour Street
Hartford, CT 06115

Cynthia A. Pangallo
Department of Surgery
Hospital of St. Raphael
1450 Chapel Street
New Haven, CT 06511

Kathryn A. Wussow
Department of Pediatrics
Univ. of Connecticut Health Center
John Dempsey Hospital
Farmington, CT 06032

STUDENT LEADERSHIP AND SERVICE AWARDS

These awards are given by the Medical School in recognition of the many hours some students have devoted to medical school organizations and activities outside the classroom. In recognizing these few students, we wish also to thank publicly all students who have taken some of their time to serve on medical school committees and student organizations. We hope all of you will continue to be involved in the life of the University of Wisconsin Medical School.

John S. Andrews, Med 3
Co-president of the third year class

Erin M. Beirne, Med 2
Co-leader of the "Doctors Ought to Care" program

Catherine M. Best, Med 2
Co-president of the second year class

Mary Kay Ellis-Metz, Med 3
Member of the Educational Policy Council

Dana Garrison, Med 2
Student representative on the ISP Subcommittee

Mary Jean Gould, Med 1
Co-president of the first year class

Lisa M. Kaufman, Med 2
President of the Medical Students Association

Stephen J. Lipscomb, Med 1
Co-president of the first year class

Alan D. Lorenz, Med 3
Member of the Education Policy Council

Barbara J. Merz, Med 2
Member of the Admissions Committee

John R. Meurer, Med 4
Co-president of the fourth year class

David P. Quintero, Med 2
Member of the Admissions Committee

Julie C. Skinner, Med 2
Member of the Cancer Education Committee

Matthew A. Solberg, Med 3
Co-president of the third year class

Stuart H. Stitgen, Med 4
Co-president of the fourth year class

DISTRICT OF COLUMBIA

Michael W. Ritter
Department of Pediatrics
Georgetown University Hospital
3800 Reservoir Road, NW
Washington, DC 20007

FLORIDA

Athena R. Randolph
Department of Pediatrics
Shands Teaching Hospital and Clinics
Box J-296, JHMHC
Gainesville, FL 32610

GEORGIA

Paul M. Moore
Department of Surgery
D. Eisenhower Army Medical Center
Fort Gordon, GA 30905

*Katherine E. Northern
Department of Radiology
Emory University Hospital
Atlanta, GA 30322

IDAHO

Louis J. Ptacek
Department of Internal Medicine
Veterans Admin. Medical Center
500 West Fort Street
Boise, ID 83702

ILLINOIS

Kathleen Baus
Transitional Program
St. Francis Hospital
355 Ridge Avenue
Evanston, IL 60202

*Kathleen Baus
Diagnostic Radiology
St. Francis Hospital
355 Ridge Avenue
Evanston, IL 60202

Ann E. Budzak
Department of Pediatrics
Lutheran General Hospital
1775 Dempster Street
Park Ridge, IL 60068

Jeffery J. Cherney
Department of Surgery
Loyola University Medical Center
2160 S. First Avenue
Maywood, IL 60153

Steven G. Chilinski
Department of Internal Medicine
Michael Reese Hospital and Medical Center
29th Street and Ellis Avenue
Chicago, IL 60616

Sung H. Choe
Transitional Residency Program
Columbus-Cuneo-Cabrini Medical Center
2520 N. Lakeview Avenue
Chicago, IL 60614

Steven D. Johnson
Department of General Surgery
Loyola University Medical Center
2160 First Avenue
Maywood, IL 60153

Douglas E. Kopp
Department of Internal Medicine
Rush-Presbyterian-St. Luke's Medical Center
1753 W. Congress Parkway
Chicago, IL 60612

Edwin S. Low
Department of Pediatrics
Cook County Hospital
700 S. Wood Street
Chicago, IL 60612

Michael J. Neuman
Department of Medicine
Loyola University Medical Center
2160 S. First Avenue, Rm. 7604
Maywood, IL 60153

*Michael J. Neuman
Department of Radiology
Michael Reese Hospital & Medical Center
29th Street & Ellis Avenue
Chicago, IL 60616

Jeffrey J. Smukalla
Department of General Surgery
Loyola University Medical Center
2160 S. First Avenue
Maywood, IL 60153

INDIANA

Daniel R. Jones
Department of Family Practice
Memorial Hospital
707 N. Michigan Street
South Bend, IN 46601

IOWA

Brenda R. Beachley
Department of Pediatrics
University of Iowa Hospitals
Iowa City, IA 52242

Rita E. Krause
Department of Pediatrics
University of Iowa Hospital
Iowa City, IA 52242

Mary K. Schroth
Department of Pediatrics
University of Iowa Hospital
Iowa City, IA 52242

Jeffrey L. Segar
Department of Pediatrics
University of Iowa Hospitals
Iowa City, IA 52242

John T. Warren
Family Practice Residency Program
University of Iowa Hospitals & Clinics
Iowa City, IA 52242

KANSAS

Jill F. Mocarski
Department of Internal Medicine
University of Kansas College of Health & Science
39th St. & Rainbow Blvd.
Kansas City, KS 66103

Paul J. Schmitz
Department of Internal Medicine
University of Kansas College of Health Sciences & Hospital
39th Street and Rainbow Blvd.
Kansas City, KS 66103

KENTUCKY

Eric C. Westman
Department of Internal Medicine
University Hospital
800 Rose Street
Lexington, KY 40536

MARYLAND

Christopher A. Ohl
Department of Medicine
Bethesda Naval Hospital
Bethesda, MD 20814

MASSACHUSETTS

Thomas J. Gvora
Department of Internal Medicine
St. Elizabeth's Hospital
736 Cambridge Street
Boston, MA 02135

Katherine E. Northern
Transitional Program
Carney Hospital
2100 Dorchester Avenue
Boston, MA 02124

Tracy E. Robertson
Department of Internal Medicine
New England Deaconess
185 Pilgrim Road
Boston, MA 02215

Michael C. Thomasgard
Department of Pediatrics
Worcester Memorial Hospital
119 Belmont Street
Worcester, MA 01605

MICHIGAN

David A. Janssen
Department of General Surgery
Saginaw Cooperative Hospitals
1000 Houghton, Suite 6000
Saginaw, MI 48602

Christopher Steffes
Department of General Surgery
Wayne State Univ. School of Medicine
6–C University Health Center
4201 St. Antonine
Detroit, MI 48201

MINNESOTA

Brian G. Bertha
Department of Anesthesiology
Mayo Graduate School of Medicine
200 First Street, SW
Rochester, MN 55905

J. Michael Bacharach
Department of Internal Medicine
Mayo Graduate School of Medicine
200 First Street, SW
Rochester, MN 55905

James W. Burhop
Department of Surgery
Mayo Graduate School of Medicine
200 1st Street, SW
Rochester, MN 55905

Kika M. Dudiak
Department of Radiology
Mayo Graduate School of Medicine
200 First Street, SW
Rochester, MN 55905

Ellen M. Gilbertson
Department of Pediatrics
University of Minnesota Hospitals
1460 Mayo Memorial Building
420 Delaware Street, SE
Minneapolis, MN 55455

Diane M. Harrington
Department of Pediatrics
University of Minnesota Hospitals
420 Delaware Street, SE
Minneapolis, MN 55455

Fredric L. Hildebrand, Jr.
Department of Internal Medicine
Mayo Graduate School of Medicine
200 First Street, SW
Rochester, MN 55905

David W. Moen
Smiley's Point Clinic
2200 Riverside Avenue
Minneapolis, MN 55454

Henry C. Pitot
Department of Internal Medicine
Mayo Graduate School of Medicine
200 First Street, SW
Rochester, MN 55905

David C. Smiley
Department of Internal Medicine
University of Minnesota Hospital
420 Delaware Street, SE
Minneapolis, MN 55455

Thomas J. Smith
Department of Internal Medicine
Hennepin County Medical Center
701 Park Avenue, South
Minneapolis, MN 55415

MISSOURI

David N. Cornfield
Department of Pediatrics
Children's Mercy Hospital
24th at Gillham Road
Kansas City, MO 64108

Kevin R. Ericson
Department of Family Practice
St. John's Mercy Medical Center
615 S. New Ballas Road
St. Louis, MO 63141

Mark E. Lanser
Department of Internal Medicine
Jewish Hospital of Saint Louis at
Washington University
216 S. Kingshighway
St. Louis, MO 63110

*Mark E. Lanser
Department of Neurology
Barnes Hospital
4989 Barnes Hospital Plaza
St. Louis, MO 63110

Mary E. McGrath
Department of Internal Medicine
Barnes Hospital
4989 Barnes Hospital Plaza
St. Louis, MO 63110

Gregory J. Schears
Department of Pediatrics
St. Louis Children's Hospital
400 S. Kingshighway
St. Louis, MO 63110

Dale A. Wiersma
Department of Internal Medicine
University of Missouri
Health Sciences Center
M467 Medical Science Building
Columbia, MO 65212

NEW HAMPSHIRE

Diane M. Roston
Department of Psychiatry
Dartmouth-Hitchcock Medical Center
2 Maynard Street
Hanover, NH 03756

NEW JERSEY

Todd P. Reynolds
Department of Family Practice
Hunterdon Medical Center
Route 31
Flemington, NJ 08822

NEW MEXICO

John P. Phillips
Department of Pediatrics
University of New Mexico
School of Medicine
Albuquerque, NM 87131

NEW YORK

Kimberly J. Aakre
Medicine-Pediatrics
Albany Medical Center
Albany, NY 12208

Mark J. Anders
Department of Surgery
Erie County Medical Center
462 Grider Street
Buffalo, NY 14215

Stephen R. Dernlan
Department of Internal Medicine
SUNY Upstate Medical Center
750 E. Adams Street
Syracuse, NY 13210

Stephen P. Fox
Department of Surgery, T19 HSC
SUNY at Stony Brook University Hospital
Stony Brook, NY 11794

Chris A. Kaczmarek
Department of Psychiatry
New York University Medical Center
550 1st Avenue
New York, NY 10016

Odette Mohamed
Department of Family Practice
State University of New York at
Stony Brook
Stony Brook, NY 11794

Robert M. Whitcomb
Department of Internal Medicine
Strong Memorial Hospital
601 Elmwood Avenue
P.O. Box 702
Rochester, NY 14642

Kirk C. Wilhelmsen
Department of Internal Medicine
Presbyterian Hospital
622 W. 168th Street
New York, NY 10032

OHIO

Michael A. Braun
Department of Surgery
Medical College of Ohio–Toledo
CS 10008
Toledo, OH 43699

David K. Cassidy
Department of Family Practice
Cleveland Metropolitan General Hospital
3395 Scranton Road
Cleveland, OH 44109

Robert J. De Troye
Department of Surgery
Medical College of Ohio–Toledo
CS 10008
Toledo, OH 43699

Timothy N. Logemann
Department of Internal Medicine
Cincinnati General Hospital
Mail Location 557
Cincinnati, OH 45267

Mokenge P. Malafa
Department of Surgery
Medical College of Ohio–Toledo
CS 10008
Toledo, OH 43699

David A. Rein
Department of Internal Medicine
Cleveland Clinic Foundation
9500 Euclid Avenue
Cleveland, OH 44106

Jorge L. Sifuentes
Department of Anesthesia
Case Western Reserve University
2074 Abington Road
Cleveland, OH 44106

Stuart H. Stitgen
Department of Orthopedic Surgery
Medical College of Ohio–Toledo
3000 Arlington Avenue
CS 10008
Toledo, OH 43699

Christopher J. Thoresen
Department of Internal Medicine
University of Cincinnati Medical Center
Mail Location 796
234 Goodman Street
Cincinnati, OH 45267

Paul A. Veregge
Department of Orthopedics
Case Western Reserve University
University Hospitals of Cleveland
2074 Abington Road
Cleveland, OH 44106

OKLAHOMA

Sonya J. Holmquist
Department of Pathology
University of Oklahoma
P.O. Box 26901
Oklahoma City, OK 73190

PENNSYLVANIA

Anne R. Eglash
Department of Family Practice
Lancaster General Hospital
555 N. Duke Street
P.O. Box 3555
Lancaster, PA 17603

Eli M. Eisenstein
Department of Pediatrics
Children's Hospital of Pittsburgh
University Health Center
125 Desoto Street
Pittsburgh, PA 15213

Jeffrey J. Lucey
Transitional Program
Allentown Affiliated Hospitals
17th and Chew Streets
Allentown, PA 18102

Audley R. Mamby, Jr.
Department of Surgery
Presbyterian-University of Pennsylvania Medical Center
51 N. 39th Street
Philadelphia, PA 19104

Mark A. Urban
Department of Orthopedics
Hospital of the University of Pennsylvania
3400 Spruce Street
Philadelphia, PA 19104

David W. Mercer
Department of Surgery
Temple University Medical Center
3401 N. Broad Street
Philadelphia, PA 19140

TENNESSEE

Margaret A. Martin
Department of Pediatrics
Vanderbilt University Hospital
1161 21st Avenue, South
Nashville, TN 37232

TEXAS

Diane M. Biskobing
Department of Internal Medicine
University of Texas Health Sciences Center
7703 Floyd Curl Drive
San Antonio, TX 78284

Carmen T. Garcia
Department of Pediatrics
Baylor College of Medicine
1200 Moursund
Houston, TX 77030

John R. Meurer
Department of Pediatrics
Baylor College of Medicine
1200 Moursund
Houston, TX 77030

UTAH

*Louis J. Ptacek
Department of Neurology
University of Utah
School of Medicine
50 N. Medical Drive
Salt Lake City, UT 84132

David J. Simenstad
Department of Surgery
University of Utah Medical Center
50 N. Medical Drive, Rm. 3B 306
Salt Lake City, UT 84132

VERMONT

David M. Fantle
Department of Medicine
University of Vermont College of Medicine
Fletcher House 312, M Fletcher Unit
Burlington, VT 05401

WASHINGTON

Kirk Hjeltness
Department of Internal Medicine
Sacred Heart Medical Center, TAFC-9
W. 101 8th Avenue
Spokane, WA 99220

Edwin M. Overholt
Department of Otolaryngology, RL-30
University of Washington
1959 NE Pacific Avenue
Seattle, WA 98195

Robert L. Schwartz
Department of Internal Medicine
Sacred Heart Medical Center, TAFC-9
W. 101 8th Avenue
Spokane, WA 99220

Scott D. Weber
Department of Family Practice
Madigan Army Medical Center
Box 828
Tacoma, WA 98431

WEST VIRGINIA

Jim D. Simonds
Lisa M. Simonds
Department of Family Practice
Wheeling Hospital, Medical Park
Wheeling, WV 26003

WISCONSIN

David M. Alexanian
Department of Internal Medicine
Medical College of Wisconsin
Milwaukee, WI 53226

Carole A. Bain
Department of Pediatrics
Medical College of Wisconsin
1700 W. Wisconsin Avenue
Milwaukee, WI 53233

Tracy L. Bell
Department of Family Practice
St. Marys Hospital Medical Center
777 S. Mills Street
Madison, WI 53715

Michael M. Brook
Department of Pediatrics
Medical College of Wisconsin
1700 W. Wisconsin Avenue
Milwaukee, WI 53233

Mary J. Bruce
Fox Valley Family Medicine Residency
229 S. Morrison
Appleton, WI 54911

Rebecca L. Byers
Department of Internal Medicine
University of Wisconsin Hospital & Clinics
600 Highland Avenue
Madison, WI 53702

Susan J. Carson
Family Practice Center, Box 503
St. Mary's Hospital
Milwaukee, WI 53201

Ruth A. Decker
Department of Surgery
Marshfield Clinic
1000 N. Oak Avenue
Marshfield, WI 54449

Sue M. Fregien
Department of Internal Medicine
Mount Sinai Medical Center
950 N. 12th Street
Milwaukee, WI 53233

Suzanne Gehl
Family Practice Center, Box 503
St. Mary's Hospital
Milwaukee, WI 53201

Robert D. Gibson
Department of Internal Medicine
Medical College of Wisconsin
8700 W. Wisconsin Avenue
Milwaukee, WI 53226

Linda R. Hegstrad
Department of Pathology
University of Wisconsin Hospital and Clinics
600 Highland Avenue, Rm. B6/344
Madison, WI 53792

Keith A. Henry
Department of Pathology
University of Wisconsin Hospital and Clinics
600 Highland Avenue, Rm. B6/344
Madison, WI 53792

Mark A. Hoenecke
Department of Anesthesia
University of Wisconsin Hospital and Clinics
600 Highland Avenue, Rm. B6/387
Madison, WI 53792

Beatrice L. Hoolboom
Department of Internal Medicine
Medical College of Wisconsin
8700 W. Wisconsin Avenue
Milwaukee, WI 53226

David E. Hoops
Department of Anesthesia
University of Wisconsin Hospital and Clinics
600 Highland Avenue, Rm. 6B/387
Madison, WI 53792

Mark A. Huftel
Department of Internal Medicine
Medical College of Wisconsin
8700 W. Wisconsin Avenue
Milwaukee, WI 53226

Catherine Kelley
Department of Pediatrics
University of Wisconsin Hospital and Clinics
600 Highland Avenue, Rm. H4/454
Madison, WI 53792

Randal C. Kumm
Transitional Program
St. Joseph's Hospital
5000 W. Chambers Street
Milwaukee, WI 53210

David V. Maruska
Family Practice Center
St. Mary's Hospital, Box 503
Milwaukee, WI 53201

Diane M. Mayland
Department of Otolaryngology
University of Wisconsin Hospital and Clinics
600 Highland Avenue, Rm. F4/2
Madison, WI 53792

Robert E. McIntire
Department of Pediatrics
University of Wisconsin Hospital and Clinics
600 Highland Avenue, Rm. H4/454
Madison, WI 53792

Deborah L.P. McLeish
Department of Pediatrics
University of Wisconsin Hospital and Clinics
600 Highland Avenue, Rm. H4/454
Madison, WI 53792

Donald A. Meland
Department of Psychiatry
University of Wisconsin Hospital and Clinics
600 Highland Avenue
Madison, WI 53792

William F. Melms
Department of Family Practice
St. Michael Hospital
2400 W. Villard Avenue
Milwaukee, WI 53209

Bruce F. Moths
Department of Internal Medicine
Mount Sinai Medical Center
950 N. 12th Street
Milwaukee, WI 53233

Bruce M. Neal
Department of Urology
University of Wisconsin Hospital and Clinics
600 Highland Avenue, Rm. G5/335
Madison, WI 53792

Guadalupe Negron
Department of Internal Medicine
Medical College of Wisconsin
8700 W. Wisconsin Avenue
Milwaukee, WI 53226

Patrick W. O'Leary
Department of Pediatrics
University of Wisconsin Hospital and Clinics
600 Highland Avenue, Rm. H4/454
Madison, WI 53792

Elizabeth M. Petty
Department of Pediatrics
University of Wisconsin Hospital and Clinics
600 Highland Avenue, Rm. H4/454
Madison, WI 53792

Anthony W. Phillips
Department of Medicine
University of Wisconsin Hospital and Clinics
600 Highland Avenue
Madison, WI 53792

Richard J. Qualy
Department of Family Medicine
Good Samaritan Medical Center
1834 W. Wisconsin Avenue
Milwaukee, WI 53233

Mark A. Richetto
Department of Internal Medicine
Medical College of Wisconsin
8700 W. Wisconsin Avenue
Milwaukee, WI 53226

Jeffrey L. Rosengarten
Department of Internal Medicine
Mt. Sinai Medical Center
950 N. 12th Street
Milwaukee, WI 53233

Robert L. Schaengold
Department of Pediatrics
University of Wisconsin Hospital and Clinics
600 Highland Avenue, Rm. H4/454
Madison, WI 53792

Mark C. Steinmetz
Department of Therapeutic Radiology
University of Wisconsin Hospital and Clinics
600 Highland Avenue, Rm. K4/B100
Madison, WI 53792

Michael J. Strassman
Department of Pathology
University of Wisconsin Hospital and Clinics
600 Highland Avenue, Rm. B6/344
Madison, WI 53792

Amanda L. Strosahl
Department of Internal Medicine
La Crosse Lutheran Hospital
1836 South Avenue
La Crosse, WI 54601

Stephen T. Van Blarcom
Department of Diagnostic Radiology
St. Joseph's Hospital
5000 W. Chambers Street
Milwaukee, WI 53210

Jeanette M. Viney
Department of General Surgery
Marshfield Clinic
1000 N. Oak Avenue
Marshfield, WI 54449

Jacqueline F. Warner
Eau Claire Family Medicine Residency
807 S. Farwell Street, Box 1123
Eau Claire, WI 54701

David R. Weber
Department of Internal Medicine
Mount Sinai Medical Center
950 N. 12th Street
Milwaukee, WI 53233

Diane L. Wendland
Madison Family Medicine Residency
St. Marys Hospital Medical Center
777 S. Mills Street
Madison, WI 53715

Paul H. Wurst
Transitional Residency Program
Mount Sinai Medical Center
P.O. Box 342
950 N. 12th Street
Milwaukee, WI 53201

David O. Yenerich
Transitional Residency Program
St. Joseph's Hospital
5000 W. Chambers Street
Milwaukee, WI 53210

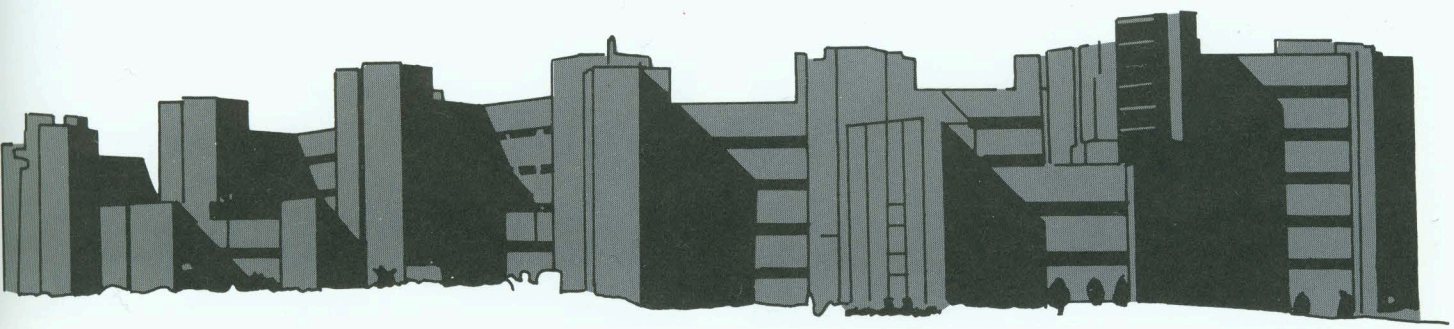
*David O. Yenerich
Department of Radiology
Medical College of Wisconsin
8700 W. Wisconsin Avenue
Milwaukee, WI 53226

Terry A. Zarling
Department of Internal Medicine
Mount Sinai Medical Center
950 N. 12th Street
Milwaukee, WI 53233

Postponing postgraduate work

Carl A. Lindgren
Catherine A. Baker

Those with two listings,
* indicates second year position.



An abstraction of the UW Hospital & Clinics designed by the Medical Illustration Dept.

Women in Medicine

Faculty, residents, students and friends met for the spring meeting of Women in Medicine held at the Waisman Center on April 4.

Associate Professor of History of Medicine Judith Leavitt presented a history of women who trained in U.S. medical schools and practiced medicine. The path, she explained, was often rocky for the few who dared to travel it. At the UW Medical School, some faculty felt that only males were equipped to serve humanity, while other faculty were very supportive of women students; and the faculty was nearly all male until recent years.

A panel of physicians—Drs. Chun, Budzak and Leventhal—was introduced by Associate Professor of Medicine Carolyn Bell, who conducted the meeting:

Associate Professor of Pediatrics Memee Chun related her professional experiences beginning in medical school at Columbia University.

Dr. Kathe Budzak ('69), a physician who practices at the Dean Clinic in Madison, recounted the obstacles she had to overcome, both within and outside the family, on her way to becoming a doctor. One of her daughters just graduated from the UW Medical School, while another will begin in the fall.

Assistant Professor of Medicine Elaine Leventhal said that going through the UW Medical School was easier for her daughter than for herself and illustrated her experiences with several humorous anecdotes.

Q



Dr. Helen Dickie

Members and friends of Women in Medicine socialize before the speakers begin.



Medical students Sherry Holtzmann (left) and Ellen Ryan.



Dr. Kathe Budzak, Dr. Memee Chun, medical student Catherine Collings (left to right).



Medical student Catherine Collings, UW Pediatric residents Ellen Clayton and Joanne Jensen (left to right).



Drs. Ruth Bleier, Judith Leavitt, Hania Ris.

Celebration for Department of Medicine Retirees

A large number of well-wishers gathered November 26 at the Blackhawk Country Club in Madison to celebrate the retirements of **Joseph Benforado, David Graham** and **Arvin Weinstein**, all Emeritus Professors of Medicine.

Each was presented with a Medical School captain's chair, a token of the Department of Medicine's affection; binoculars with which to pursue nature study; and a remembrance notebook containing a color photo portrait and a party guest list as well as letters, certificates and recognitions from family, friends and colleagues. Q



J. D. Kabler (far right) and his wife Bea (foreground) preside at the celebration. Standing (left to right) are Joe Benforado, David Graham and Arvin Weinstein. Donald Harkness, Chairman of Medicine, stands in the background.



Bea Kabler hands a gift to retiree Joe Benforado as David Graham and Arvin Weinstein look on.



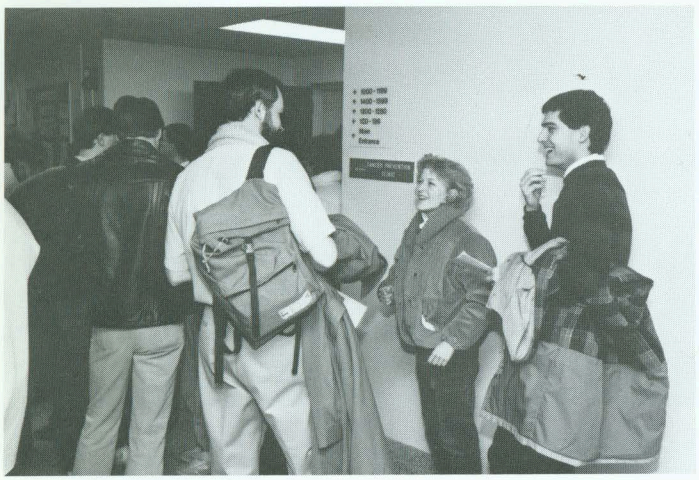
Sally and Joe Benforado, Frances and David Graham, and Sybil and Arvin Weinstein (left to right).

Match Day 1986

Most members of the Class of '86 learned of their immediate future plans on Wednesday morning, March 19, amid cheers, whoops—and a few tears.

Approximately 70% of the graduates received one of their top three residency choices. Twenty-one didn't match initially (a large number of these requested orthopedics), but all were matched within a day and a half.

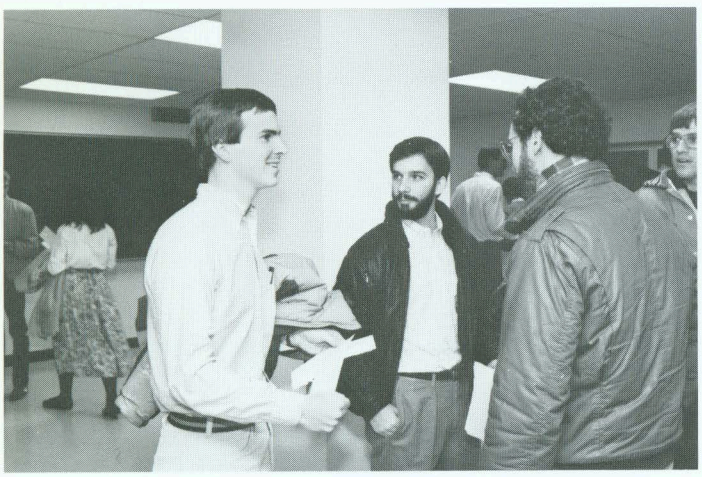
The number choosing pediatrics—70%—was double the national figure. No one, however, chose an Ob residency. Twenty-nine percent opted for internal medicine versus 35% nationally, while 14.5% selected family practice and 12.4% picked general surgery.



Paul Veregge (left) and Jeff Segar



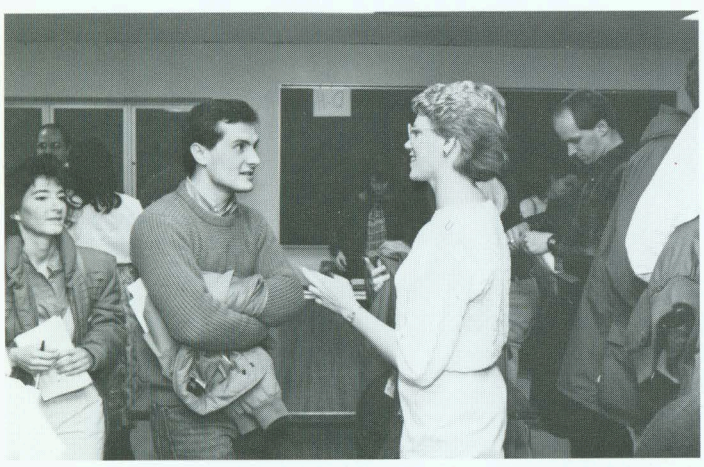
Mary McGrath (left) and Jeanette Viney



Dave Yenerich, Mike Neuman and Jeff Rosengarten (left to right)



Liz Petty, Rita Krause and Mary Schroth (left to right)



Cindy Pangallo, Paul Schmitz, Ellen Gilbertson and David Mercer (left to right)



Margaret Martin, Thomas Smith and Jeanette Viney (left to right)

New Regional Members of the Board of Directors

John A. Buesseler



Texas Tech Professor and Chairman of Ophthalmology John A. Buesseler has pursued two vocations, medicine and administration, with equal success.

A native of Madison, John received both his baccalaureate (1941) and medical (1944) degrees at the UW before tackling postdoctoral work at Harvard University and the University of Pennsylvania. His training also included a Rotating Internship at the Cleveland City Hospital. In 1951 he became a Diplomate of the American Board of Ophthalmology.

After practicing ophthalmology in Madison while serving on the Medical School clinical faculty, young John Buesseler went on to the University of Missouri School of Medicine, where he was to become founding Chief of Ophthalmology. John guided the new department in becoming a multi-institutional pre- and post-doctoral training program with 12 residents and 9 faculty by 1965.

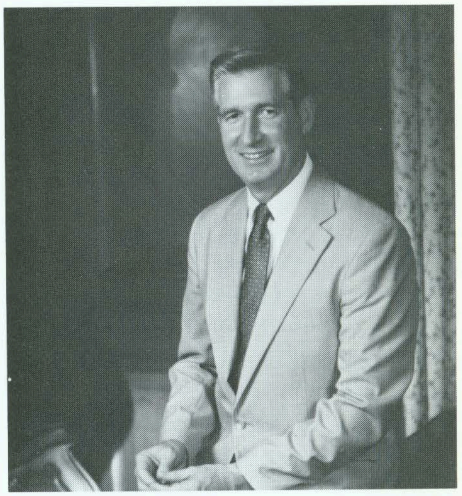
During this phase of his development, John earned an M.S. in Business Administration, majoring in Management and Employee Relations. Later he took a sabbatical leave to study Organizational Theory and Behavior with a minor in Hospital Administration at Cornell University.

His expertise in both medicine and administration led to John's assuming multiple roles in Missouri and later at Texas Tech University, where he became Founding Vice President for Health Affairs and Founding Dean of the School of Medicine in 1970. For his accomplishments he was honored by the Board of Regents and by the Texas House of Representatives.

John's interests cut a wide swath. He is active in several professional societies and government agencies—both local and national. He has, for example, consulted for NASA, the Atomic Energy Commission, and the Public Health Service. His administrative skills also have served him well in various U.S. Army and Air Force positions.

The class of 1944 has benefitted from John's active participation—particularly in planning successful reunions—and his diverse experience equips him to contribute significantly as a regional member of the Board of Directors.

Kenneth H. Oberheu



Kenneth H. Oberheu, born in Grafton, Wisconsin, graduated from the Medical School in 1961. He interned in Miami Valley Hospital (Dayton, Ohio) and served a residency in General Surgery at the same hospital. Later he trained at the University of Michigan as a resident in Thoracic Surgery.

Now Ken is a surgeon with Dayton Cardiovascular-Thoracic Surgery Associates, Inc., in Dayton, where he is Chief of the Section of Cardiovascular and Thoracic Surgery at Miami Valley Hospital, which has a large volume of open-heart cases. Ken also works with left-heart assist devices, both clinically and experimentally. Since Ken is a colleague of the person who developed the drive system for the Jarvik-7 Artificial Heart, Ken continues working with him in further developing the motor-driven models for the artificial heart.

Teaching and administration are also part of Ken's professional life. He is, for example, Director of Cardiovascular Surgery and Thoracic Surgery for the Wright State Medical School, Associate Clinical Professor of Surgery at Wright State, Chief of Cardiovascular Surgery at Miami Valley Hospital, Clinical Preceptor at Kettering College of Medical Arts Physician Assistant Program, and a consultant for the Veterans Administration in Cardiovascular and Thoracic Surgery.

Ken is certified by the American Board of Surgery and the American Board of Thoracic Surgery. He is a Fellow in the American College of Surgeons and the College of Cardiology, and a member of several other professional organizations.

Some of Ken's other activities include being on the Board of Trustees for the American Heart Association, President of the Dayton Area Heart Association, and active in the Dayton Performing Arts Fund.

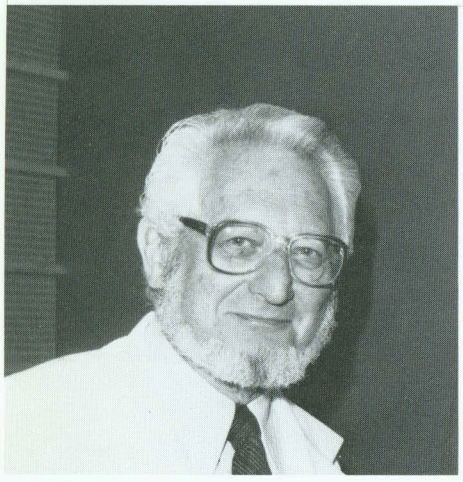
A home on Kiawah Island, South Carolina, is the vacation focus for the Oberheu family. Here Ken enjoys time on the beach as well as playing tennis and golf with wife Marilee and the children. Ken and Marilee's first child, Anne Marie, married in May. Kenneth, Jr., Kristin and Molly are his other children.

Ken's long service as 1961 Class Representative is excellent preparation for his service as a regional member of the Board of Directors. Q

Medical School News

Symposium Honors Arvin Weinstein

The National Kidney Foundation of Wisconsin and the Nephrology Section of the Medical School Department of Medicine honored retiring Professor **Arvin B. Weinstein** on June 7 with a scientific symposium. Speakers included: Dr. Nancy Cummings (National Institute of Arthritis, Diabetes, Digestive and Kidney Diseases), "Ethical Dilemmas in ESRD"; Dr. Richard Freeman (University of Iowa), "Dialysis in the



Arvin Weinstein

Elderly"; Dr. Michael Weiner (University of California, San Francisco), "Magnetic Resonance Spectroscopy Studies of Kidney Metabolism"; Dr. Rex Jamison (Stanford University), "The Effect of the Heart Hormone on the Kidney"; Dr. Terry Oberly (University of Wisconsin), "Role of Extracellular Matrix in Growth and Differentiation of Cultured Kidney Cells"; Dr. David P. Simpson (University of Wisconsin), "Does Renal Growth Accelerate Renal Damage?"; Dr. Richard Glassock (University of California, Los Angeles), "Progress in Glomerulonephritis—from Treatment to Cure."

Woolsey Lecturer Discusses Theories About Changes in Nervous System

Dale Purves, Professor of Neurobiology from Washington University School of Medicine, presented the 11th Clinton N. Woolsey Lecture in Neuroscience on



Clinton Woolsey

April 25. He considered whether long-term changes in the nervous system of higher animals are based on functional changes of a hard-wired system or on the continual making and breaking of synaptic connections throughout life.

Dr. Purves received his undergraduate education at Yale University and his M.D. at Harvard, where he later joined the Department of Neurobiology. He is particularly known for his work in mammalian autonomic ganglia.

This year's Woolsey lecture was incorporated into a day-long mini-symposium on cellular and integrative neurobiology featuring talks by UW staff and students.

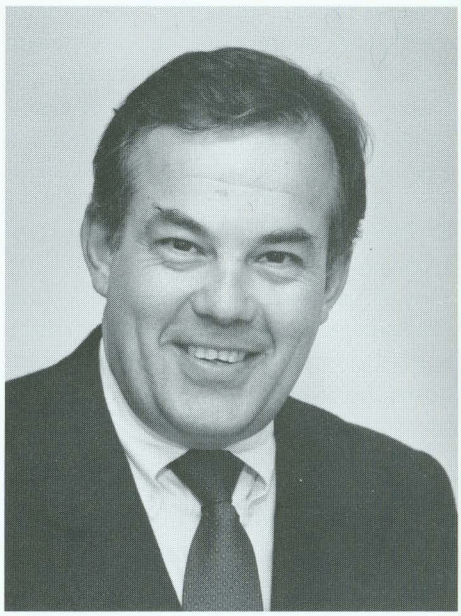
The Woolsey Lectureship was created by Dr. Woolsey's colleagues and former students on his retirement. Contributions to the fund may be sent to the Medical Alumni office.

New Chairman Heads Ophthalmology

John W. Chandler, former Director of the Eye Institute at Swedish Hospital and Medical Center in Seattle, Washington, has recently become Chairman of the Department of Ophthalmology, where he plans to conduct an active research program and teach residents as well as carry on departmental administrative duties.

A native of Richland Center, Wisconsin, Chandler earned his bachelor's and medical degrees at the UW–Madison. He interned and completed a residency at the University of Washington School of Medicine in Seattle. He also served as a corneal fellow at the University of Florida's College of Medicine. Chandler's research interests include corneal transplantation, immunopathology and therapy of corneal disease, and early virus-neuron interactions in herpetic keratitis.

Since 1973, Chandler had been on the faculty of the Ophthalmology Department at the University of Washington School of Medicine and on the staff of several hospitals. He also was an attending physician at Swedish Hospital Medical Center and Director of the Ophthalmic Research Laboratory. In addition to providing patient care and conducting

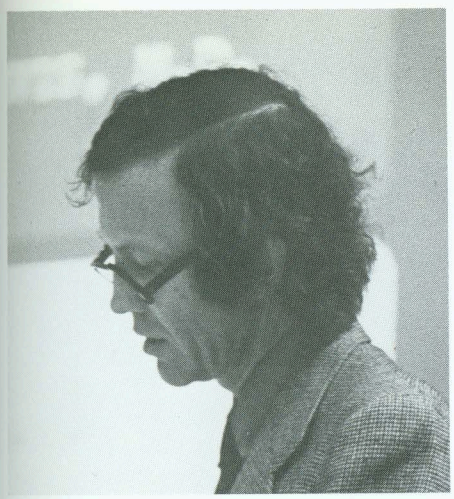


John Chandler

research, Chandler has written extensively, been active in numerous medical organizations, and lectured countrywide.

Chandler replaces Professor of Ophthalmology **Matthew D. Davis**, who had chaired the Department since its creation in 1970. (It had formerly been a section of Surgery).

Under Davis's guidance, the Department doubled its faculty and trainees and increased its research programs five-fold



Matthew Davis

to become nationally prominent. The National Eye Institute awards nearly $2 million in research grants to the Department annually, and it attracts an overabundance of quality residents each year.

Davis will now have more time to spend on treating patients, teaching students and conducting research. He also is spearheading a capital fund drive to raise $7 million for the addition of two new modules to the Clinical Science Center. The additional space would allow Ophthalmology to consolidate components now scattered across campus as well as permit the recruitment of additional faculty.

The Paul F. Clark Lecture for 1986

After the death of Emeritus Professor **Paul F. Clark** in 1983 at age 101, contributions from medical alumni, colleagues, former students and friends established the Paul F. Clark Lectureship in Medical Microbiology.

Dr. Clark joined the University of Wisconsin in 1914 as our first Medical School microbiologist. In 1935 he became the first chairman of the new Department of Medical Microbiology. His broad interests included many areas of bacteriology and virology with his research centering on poliomyelitis.

On Wednesday, May 7, 1986, the Paul F. Clark Lecture for 1986 was presented by Dr. P. Frederick Sparling, Professor of Microbiology and Medicine, School of Medicine, University of North Carolina, Chapel Hill, North Carolina.

The title of his lecture was: "Pathogenesis of Gonococcal Disease: Prospects for a Gonococcal Vaccine." Dr. Sparling is an eminent microbiologist and infectious disease internist who has made important contributions to knowledge of the genetics of antibiotic resistance, plasmidbiology and structure, and mechanisms of genetic transformation.

On May 8, 1986, Dr. Sparling presented a medical microbiology seminar entitled: "Early Events in Entry of Transforming DNA into the Gonococcus."

Middleton Librarian is Honored

Virginia Holtz, Director of the Middleton Health Sciences Library, has been given one of the highest honors of the Medical Library Association. On May 21 she presented the Janet Doe Lecture at the meeting of the Association in Minneapolis. The lecture is customarily presented by a senior medical librarian as the final honor for a distinguished career.



Benton Taylor

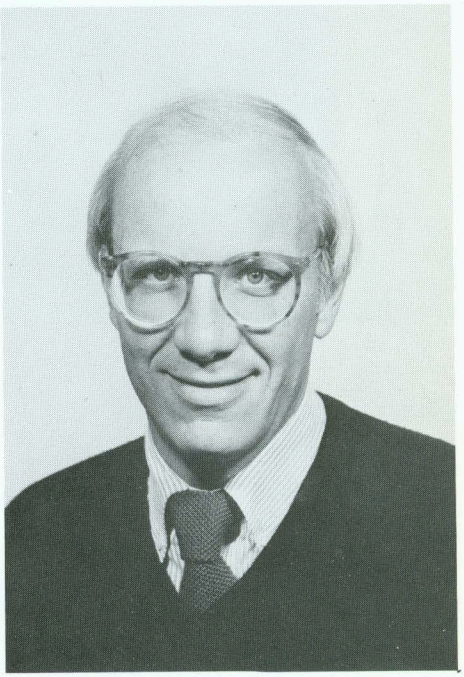
Student Honors to Faculty, Staff and Residents

The class of 1987 maintained with distinction the superior creative and performance level of Junior Skits with their presentation at the Wisconsin Union Theater on May 3, 1986. The lightheartedskits were followed by an awards dinner and dance. Junior class recognition of faculty teaching excellence, of outstanding residents and staff is highly prized by the recipients.

This year's recipients of junior student awards were:

Outstanding Resident Awards

Victoria C. Near, M.D.	Medicine
Kathi J. Kemper, M.D.	Pediatrics
Leslie G. Biesecker, M.D.	Pediatrics
William D. Strinden, M.D.	Surgery
Hans L. LaGreze, M.D.	Neurology
Michael J. Ewing, M.D.	Psychiatry
Barbara J. O'Connell, M.D.	Ob/Gyn



John Harting

Award for Clinical Teaching

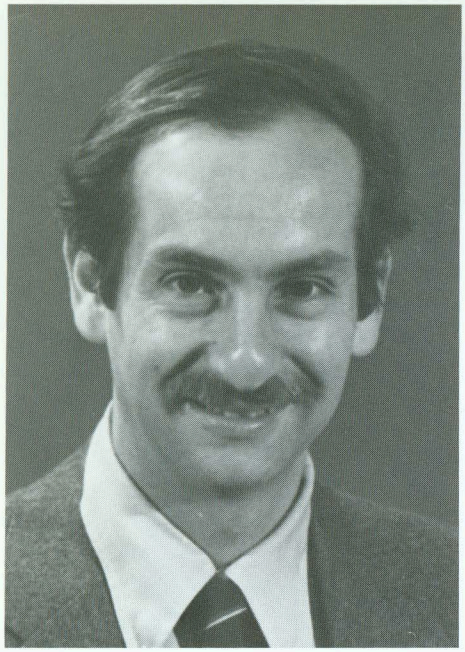
Benton C. Taylor—Professor of Medicine. Dr. Taylor is an alumnus, (Res. Med.) and pulmonary disease specialist who has received an unprecedented number of teaching awards—including the Medical Alumni Award several times.

Award for Pre-Clinical Teaching

John Harting—Professor and Chairman of Anatomy. Professor Harting is a neuroanatomist whose teaching effectiveness has also been recognized on numerous occasions including receipt of the Medical Alumni Award for teaching excellence.

The Regular Fellow Award

Phyllis Pullar—Laboratory Technician in the Medical School Educational Resources Program.



Ron Klein

Diabetic Retinopathy Study Shows Link with Time, Blood Sugar, Blood Pressure

A recent survey of diabetics in 11 Wisconsin counties concluded that people who live a long time with diabetes are at increased risk of developing diabetic retinopathy. In the Wisconsin Epidemiologic Study of Diabetic Retinopathy (WESDR), directed by Professor of Ophthalmology **Ronald Klein**, it was found that 14• of people with diabetes less than 5 years had retinopathy, while about 96• who had the disease more than 15 years were affected. The study also showed that diabetics with the highest levels of blood sugar were twice as likely to have severe retinopathy; likewise, those diabetics with moderate to very high blood pressure had twice the frequency of retinopathy as those with normal blood pressure.

Klein and co-workers suggest that diabetics diagnosed after age 30 be examined by an ophthalmologist immediately after diagnosis, and that children should begin regular eye exams 5 to 10 years after initial diagnosis.

The study was funded by the National Eye Institute.

Director Finds Medical Scholars Program Successful

William E. Schneckler, Associate Professor of Medicine and Family Medicine and Practice and Director of the Medical Scholars Program (MSP), recently reported to the Medical School faculty that the program has been an unqualified success.

The program provides for the conditional admission of high school students to the Medical School during their senior year in high school. The purpose of the MSP is to identify promising students and encourage them, while at UW–Madison, "to undertake the strongest possible undergraduate preparation, while relieving them from the pressures of undo grade competition and eliminating the sharp distinction between undergraduate and medical education."

The Medical Scholars Program was approved by the faculty in 1980. The first MSP students were admitted as freshmen to the UW–Madison in the fall of '81, and the first MSP students entered Medical School in the fall of '84.

Residents Honored by Castello Award

The Henry M. Castello, M.D. Memorial Award for the outstanding first year resident for 1985-86 was shared this year by pediatric residents **Ellen Wright Clayton** and **Jennifer Wood**.

The award recognizes the first year residents who best epitomize the qualities of clinical acumen, scientific curiosity, and compassion for the patient.

Alumnus **Donald Lieberman** '52 and Mrs. Lieberman of Santa Clara, California, established the award in 1969 to memorialize their close friend, Dr. Castello, who died at age 42 of lung cancer.

In Memoriam

Dr. Frank L. Kozelka

Emeritus Professor of Clinical Pathology Frank L. Kozelka died at his home in Madison April 16, 1986, at age 92.

Dr. Kozelka's early career in education began with a teacher's deree from Oshkosh State College in 1915. After World War I, he became Principal of a grade school in Milwaukee County.

His interest in biochemistry eventually earned him an M.S. in 1930 and a Ph.D. in 1933 from the UW Department of Biochemistry. After graduation he was appointed Assistant Professor in the Medical School Department of Pharmacology and Toxicology. By 1950, Dr. Kozelka had become Professor of Clinical Pathology and head of the Chemistry Laboratories of the State Laboratory of Hygiene and University Hospitals; he was often called upon as an expert witness, especially in possible poisoning cases. He retired in 1966 and served as consultant to the State Crime Laboratory from 1962 to 1972. Professor Kozelka published approximately 60 papers. His method for determining the amount of alcohol in blood and urine is still used in many states; it is the official method in Great Britain and Australia.

Dr. Kozelka received the Bronze Battle Star in both World War I and II. Major Kozelka served as laboratory head in military hospitals in Tennessee, Verdun, and Frankfurt.

In 1979 he received the Senior Service Award from the Downtown Rotary Club (Madison).

Dr. Kozelka is survived by his wife Frances, a daughter and two granddaughters.

The family requests that memorial contributions be sent to the Medical School.

Faculty News



Elliott Dick

Using his model facility in which cold viruses can be predictably passed among volunteers, Professor of Preventive Medicine **Elliott Dick** has concluded that aerosol transmission of rhinoviruses plays a bigger role than person-to-person contact in spreading colds. Eventually this finding could mean that an air-handling system alone may be able to prevent common cold transmission.

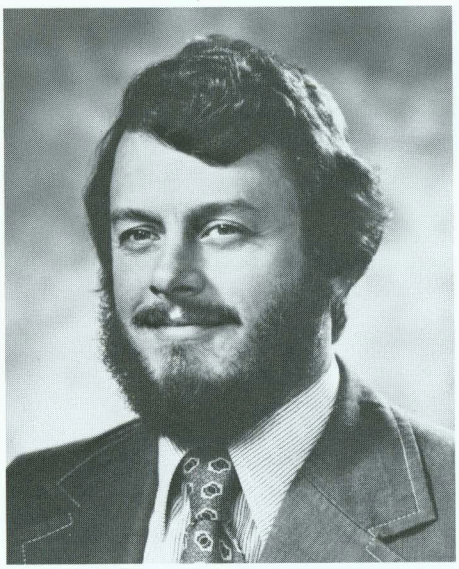
Dick's findings were presented at the Society for Microbiology meetings in Washington.

William F. Dove, Professor of Oncology and Genetics, has been named WARF Professor of Experimental Biology. WARF Professorships provide recognition for the most distinguished faculty of UW–Madison through a highly competitive nomination and selection process. The Professorship carries an award of $65,000 of unrestricted research support covering a five-year period.



William Dove

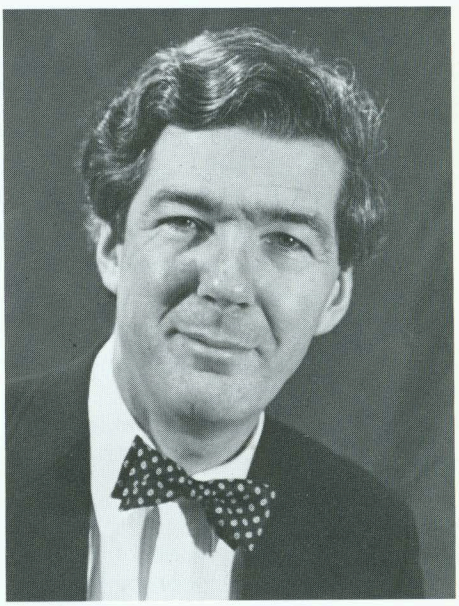
Dove has pioneered research in three different areas: bacteriophage lambda genetics; the cell biology of the slime mold *Physarum polycephalum;* and the developmental genetics of the mouse. He received his B.S. in Chemistry from Amherst College and his Ph.D. in Chemistry from the California Institute of Technology. He further trained at Cambridge University and Stanford. Also known as an outstanding teacher, Dove helped to found Biocore, an interdepartmental undergraduate program, and he has developed a three-semester course on growth and differentiation that is very popular with graduate students. He has also been a Guggenheim Fellow and an American Cancer Society Fellow as well as long-time editor of the *Journal of Molecular Biology*.



David Kindig

David A. Kindig, Professor of Preventive Medicine and Director of the Graduate Programs in Health Administration, has been selected as a Fellow in the first Kellogg International Fellowship Program in Health. He is one of 30 leaders in health care from 18 countries who have been awarded three-year fellowships as part of a new, $4.4 million program operated by Michigan State University through a grant from the W.K. Kellogg Foundation of Battle Creek. The theme of the program is to promote leadership advancement for improving human well-being through community-wide, coordinated cost-effective health services with focuses on primary care and health management.

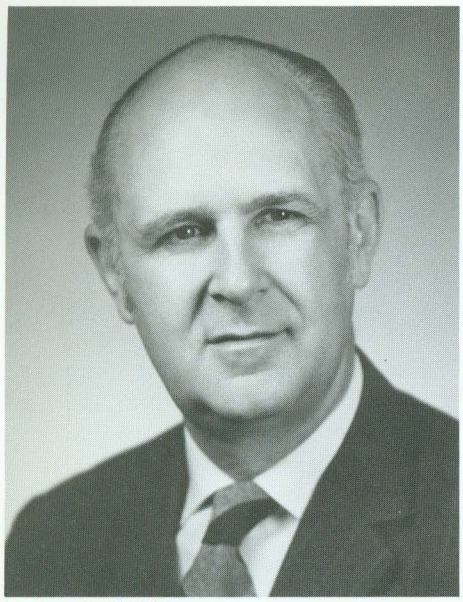
Kindig will study Administrative Medicine for use in developing countries.



Eberhard Mack

Associate Professor of Surgery **Eberhard Mack** gave a major address on "New Concepts in Surgery—Dissolution of Gallstones" at the 2nd Annual Symposium on the Controversies and Problems in Surgery in New York. He also was a guest speaker and panelist at the International Symposium on Gallstones in Koblenz, Germany.

Emeritus Professor of Medical Physics **Richard Mazess** is one of four Wisconsin businessmen given a Young Entrepreneur award. He was recognized for his development of an expanding, high technology company—Lunar Radiation Corp.—which makes medical sensing and diagnostic equipment to measure bone density and detect osteoporosis.

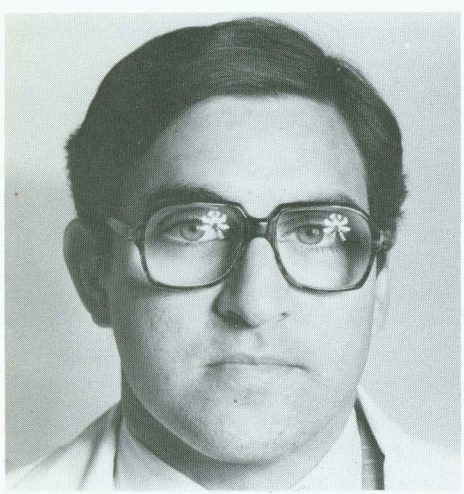


Waclaw Szybalski

Professor of Oncology **Waclaw Szybalski** of the McArdle Laboratory for Cancer Research and Anna Podhajska, a researcher from Gdansk, Poland, have developed a new biochemical tool—a custom-designed universal restriction enzyme—which will enable genetic engineers to slice DNA at any desired site. The technique should improve methods for locating unidentified genes, diagnosing genetic diseases, transferring genes between organisms, and producing purer biochemicals from genetically engineered microbes.

The work was recently published in the journal *Gene*.

Ross Levine, Assistant Professor of Neurology and Radiology, has been awarded an $80,000 Veterans Administration Merit Review Grant to use Positron Emission Tomography (PET) scanning in the evaluation of patients with stroke and transient ischemic attacks.



Ross Levine

Professor of Medical Genetics **Feva Therman-Patau**, recently retired, has been granted Emeritus status by the Board of Regents.

Therman-Patau began her career as a cytologist in Finland. She was Docent in Botany at the University of Helsinki, where she published a number of papers, mainly in plant cytology. She came to the UW as a Fullbright Scholar and worked with Professor Klaus Patau, whom she later married.

Therman-Patau became a leader in the field of human cytogenetics at the time when techniques for detailed study of human chromosomes were being developed. She discovered, for example, two new human syndromes, trisomy 18 and 13, in which she and Klaus Patau collaborated. Trisomy 13 is now called Patau's Syndrome. She has published a large number of papers on chromosome abnormalities in normal persons as well as those with various diseases. Recently she wrote a well-received textbook, "Human Chromosomes: Structure, Behavior, Effects."



A. James Liedtke

A. James Liedtke, Professor of Medicine and Chief of the Cardiology Section, has received a $847,545 five-year grant from the National Institutes of Health to study treatments for victims of acute heart attack. The work will be performed in collaboration with the Departments of Medicine and Nutritional Sciences.

The American Liver Foundation Pediatric Research Award was presented to **Glenn R. Gourley**, Assistant Professor of Pediatrics. He was recognized for his research on jaundice in newborns and his study of a substance in milk.

Professor of Oncology and Director of the McArdle Laboratory **Henry Pitot** has received a $1 million grant from the American Cancer Society. The Special Institutional Grant for Cancer Cause and Prevention provides initial support for innovative studies which link basic research in cause and prevention of human cancer.



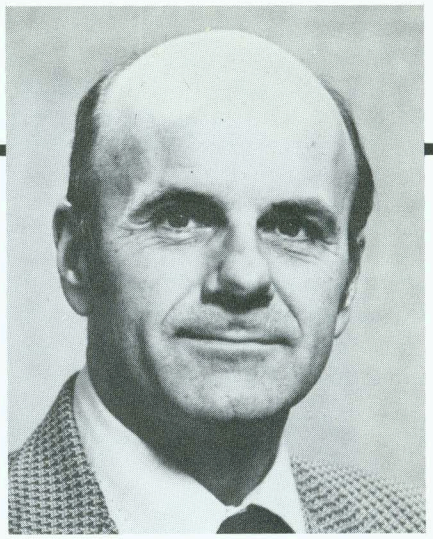
Henry Pitot

About two dozen Madison area physicians wearing white laboratory coats gathered in the Capitol Rotunda in mid-April to call for a ban on nuclear testing and to criticize the Nevada test conducted earlier in the day. Associate Professor of Family Medicine and member of the Madison chapter of Physicians for Social Responsibility **Jeffrey Patterson** spoke to the group. Others who addressed the group included UW Board of Regents President **Ben Lawton** and President of the State Medical Society **John K. Scott.**

Chief Resident in Surgery **Barry Fields** received the annual award of the Wisconsin Surgical Society for his presentation, "HPLC Analysis of Cyclosporin A and Its Metabolites," which was sponsored and coauthored by Associate Professor of Surgery and Pathology **Hans Sollinger**.

Professor of Physiological Chemistry **Walter M. Fitch** will join the Molecular Biology Department at the University of Southern California–Los Angeles in the fall. Fitch has been a faculty member for 24 years.

Aunt Myrtle and the Gramm-Rudman Bill



D. J. Freeman, M.D.

My Aunt Myrtle was a bright, good soul with a spinster schoolteacher's high moral standards. BUT—she seemed unable to give any sort of compliment without a following denegation. For example: "Your children are so cheerful and entertaining. BUT—they really should be in bed."

Now, were Aunt Myrtle still alive, I'm sure she would give similar treatment to the Gramm-Rudman Bill (G-R Bill). She'd say: "Why, I thing the G-R Bill's goal to reduce the deficit to zero is exemplary. BUT—the disproportionate picking away at sundry valuable programs while exempting certain others should be stopped, particularly when these exemptions include one of the largest items in the budget (defense)."

She would further amplify this view by stating: "I'm all for reducing the deficit. BUT—

1. My new nephew has something called infantile seizures and no one knows why. No one knows how to treat it, or how to cure it. Nor does anyone know what his future holds. And there are lots of other aunts out there with similar problems. All of us want something done about it. We want more money spent for research to discover the cause, treatment and cure of this problem. Yet, because of exemptions to the G-R Bill, Federal funding for such research will be cut in FY 1986 by about 5 percent.
2. Smoking is hazardous to one's health and, according to a 1985 Gallup Survey, 94 percent of Americans now believe this fact. Recently, the American Heart and Cancer Associations have banded together in a mutual effort to blunt the serious smoking (and "smokeless tobacco") problem of our country's youth and of their mores-setting athletic heroes. Yet, exemptions to the G-R Bill will cut Federal money allocated to smoking and health prevention by $150,000.
3. The cost of cardiovascular disease in 1985 was estimated at $72.1 billion. Heart attacks are still the leading cause of death in the United States and strokes afflict about 1.9 million Americans yearly. Yet, exemptions to the G-R Bill will cut more than $236 million from the National Institute of Health in FY 1986 and that amount includes about $37 million for the National Heart, Lung and Blood Institute, which finances a large portion of cardiovascular research.
4. Applicants for medical school are on the decline due to the high cost of medical education and the increasing difficulty students have obtaining loans. Our production of scientists compared to other nations is scandalously low. Yet, exemptions to the G-R Bill will cut Federal spending in FY 1986 for student aid by $244 million."

After all this, Aunt Myrtle would have a conclusion to make. She would undoubtedly conclude: "The Gramm-Rudman Bill, with a resultant reduction in the Federal deficit, is an excellent idea, long overdue. BUT—the spending reductions essential to achieve this goal should be made across the board, without exemptions." Q

Faculty News Continued

Donald Trump, Associate Professor of Human Oncology and Medicine, heads clinical trials of Tumor Necrosis Factor (TNF) being conducted at the UW Clinical Cancer Center (WCCC), one of the first four centers nationwide to test the substance in cancer therapy.

TNF is produced naturally by the body in minute amounts, and seems to act against a wide range of cancer types in the laboratory. It belongs to a group of chemicals called cytokines, which are produced by white blood cells as part of the immune response.

This initial trial is to determine toxicity and optimum doses; the drug will then be administered to patients with a variety of cancers. In the future, investigators will test TNF in combination with other drugs, particularly other cytokines.

The WCCC trials are being conducted under a contract from the National Cancer Institute. The other centers participating in the TNF study are the Memorial Sloan-Kettering Cancer Center, the Mayo Clinic, and the M.D. Anderson Hospital and Tumor Institute.

The National Institutes of Health have awarded a $234,292 three-year grant to Assistant Professor of Anatomy **Erik Schweitzer**, who investigates the molecular mechanisms by which nerve cells communicate with one another. He also has been named an Alfred P. Sloan Research Fellow in the field of neuroscience, and will receive $25,000 for research over a two-year period.

Katherine Kalil, Associate Professor of Anatomy and a Senator Jacob K. Javits Neuroscience Investigator, has received a $281,992 supplement to her seven-year Javits Neuroscience Investigator Award, which she earned for her contributions in neurological research. She studies neural development and how the central nervous system heals after injury.

Alumni Capsules

1926

William Oatway, Jr. continues to enjoy the *Quarterly* and regrets that ill health necessitated his holding his regular contribution to the *Quarterly* in abeyance.



William Oatway

Bill was particularly delighted at the recognition afforded Walter Jaeschke and Joseph Lalich—recipients of emeritus faculty awards for 1986.

1933

C. Morrison Schroeder retired from his position as Professor of Surgery at the Medical College of Wisconsin–Milwaukee as of September 30, 1985. Dr. Schroeder served as a member of the M.C.W. surgical faculty from 1948 until his retirement when he was awarded Emeritus status. In his honor, the Medical College of Wisconsin has initiated the C. Morrison Schroeder Lectureship—a series of annual lectures by distinguished surgical educators on topics of surgical philosophy and education.

1935

Willard E. Klockow has retired from a long practice in Muscoda, Wisconsin. He was honored by a group of more than 300 people from Muscoda and surrounding areas who presented him with a plaque which extended their thanks for his service, love, and companionship.

1936

S. Harvard Kaufman's activities cover a broad spectrum: he moderated a T.V. program, "The Medicine Man," in Seattle; served as President of the Seattle Psychiatry Society and of the Washington Council of Child Psychiatry; co-authored two books on Kinetic family drawings; was clinical Professor of Psychiatry at the University of Washington Medical School while finding time for salt water fishing, travel, and owning race horses.

Edward Lefeber is co-representative for the 1936 class. His practice is confined to Geriatrics—he does office consultations several days a week. Ed is Medical Advisor to a local retirement community, Medical Director of an extended care unit of a local hospital and a member of the Texas Board of Licensure for nursing home administrators. Book collecting, music, genealogical research, and painting occupy his leisure time.

1937 (2 year)

Retired Eau Claire physician **George E. Wahl** has donated to the UW–Eau Claire thousands of photographic slides he took during more than 30 years of global travel. Subjects include 111 countries. The University's Media Development Center staff has duplicated the collection for its permanent slide files and for use by departments such as Geography.

Wahl spent two years at the UW Medical School before transferring to the University of Louisville Medical School.

1939

Roy Hertz received the Doctor of Science honorary degree at UW–Madison Commencement Ceremonies May 17 and 18. He earned his B.S., M.D., and Ph.D. degrees at the University. Hertz's long career in reproductive biology included using hormones and antihormones in the treatment of cancer, and he developed the first curative treatment with chemotherapy for any human cancer.

From 1953 to 1965, Hertz was Chief of Research Medicine and Endocrinology of the National Cancer Institute, and later held positions at three universities.

Hertz received the WMAA 1964 Medical Alumni Citation.

1941

John Nickelsen left the private practice of medicine in Racine, Wisconsin in 1954 and became a tool design engineer. Since retirement from this profession in 1979, John and Genevieve have traveled extensively. Hiking the mountain trails in Rocky Mountain National Park and Glacier National Park has been followed by attendance at many Elderhostels throughout the world. Last year the Nickelsens cruised the coast of Norway on a Russian ship. John played viola with the Racine Symphony Orchestra for 22 years and for nine years has been a trustee of the Racine Public Library.

Clayton E. Wheeler, Chairman and Professor of the Department of Dermatology at the University of North Carolina School of Medicine at Chapel Hill, recently received that school's Distinguished Faculty Award, which recog-



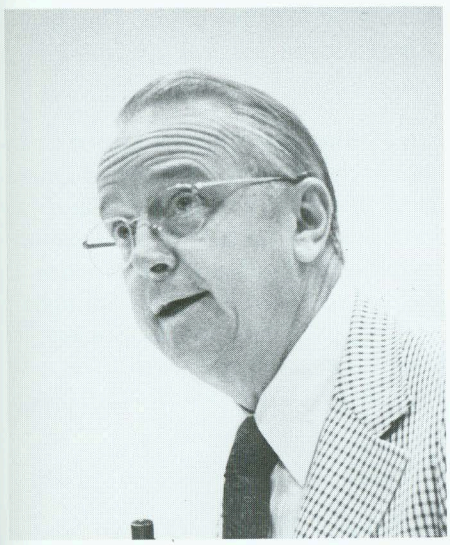
Clayton E. Wheeler

nizes excellence in teaching, contributions to medicine in North Carolina, leadership in continuing education for practicing physicians and efforts to improve communication among faculty.

1943

Norman Becker has practiced general and thoracic surgery for the past 37 years in Fond du Lac, Wisconsin. He served a 6-year term (1974–1980) as Wisconsin's representative on the Board of Governors of the American College of Surgeons. He also was past President of the Medical Staff and Chief of Surgery at St. Agnes Hospital, past President of the Wisconsin Surgical Society and the Fond du Lac County Medical Society, Chairman of the Board of the UW Foundation (1983), past President of the Fond du Lac Rotary Club, and a Director of the First Wisconsin National Bank. He received the UW Distinguished Service Award in 1976.

The Beckers have 4 children and 9 grandchildren.



Norman Becker

1944

Herbert A. Dasler retired after practicing for 39 years in Amery, Wisconsin. He became associated with the Cornwall Clinic (now The Family Medical Clinic) in 1947, and also was a member of the medical staff of Apple River Hospital.

Pediatrician **Gertrude Luther**, although retired in 1973, had been working one day a week in the (Calhoun, Alabama) County Health Department since 1949. The institution's administrator called her "a real cornerstone in our child health



Gertrude Luther

programs." She recently left the department, however, because a hike in malpractice insurance would gobble up two-thirds of her nominal salary.

Luther interned at Children's Hospital in Cincinnati and served residencies at the Mayo Clinic and Grady Hospital in Atlanta. She also has been a medical missionary in countries such as Haiti, Algeria, and Honduras.

1945

David J. Sievers has retired after serving the community of Berlin, Wisconsin, for more than thirty-seven years. David served in the Pacific area for two years as a member of the Army Medical Corps during World War II. He completed a residency at UW Hospital, Madison, after his military service.



Thomas Rice

Thomas J. Rice recently retired from a 35-year practice of Ob/Gyn at the Marshfield Clinic. He fondly remembers teaching many medical students during this period as well as during his residency at the UW. Tom was particularly pleased to have taught five medical students whose mothers he had attended at delivery when the students were born.

1951

James M. Price, former faculty member who held a lifetime American Cancer Society Professorship at Wisconsin, is now President of two companies: Radal Group, Inc., for product licensing and business development; and Biogest Products, Inc., which sells products to



James Price

facilitate the breakdown of biodegradable material. Jim helps inventors with new inventions market their inventions. His three children are following careers as a pathologist, a captain of Alaska Airlines, and as an accountant.

Charlotte Stern is in the solo practice of Psychiatry in Scottsdale, Arizona. Charlotte is membership chairman of the Phoenix Psychiatric Council and supervisor of the Psychiatric Residency Program at Maricopa Medical Center. Son Michael received a Ph.D. from the University of California at San Francisco and is now a post-doctoral fellow in the UW Genetics Department.

Edward R. White, Jr. is currently licensed to practice law in several states and will be taking the bar exam in his

home state of Georgia. His professional activities include consultation on health care problems and working with a family practice group. The White's children are pursuing careers in such diverse fields as government, physiotherapy, country music singing, and modeling.

1956

John Koepke is Director of the Transfusion Service and Hematology Laboratories and Associate Director of Laboratories at Duke University Medical Center. Highlights of the past year include professional trips to China and Japan.

Richard Wallrich missed the 30th reunion of the class because of attendance at the North American Clinical Dermatology Society meeting in Ireland and Scotland. Richard practices Dermatology in Santa Rosa, California. Spouse Donna owns an exclusive men's clothing store in Santa Rosa.

1957

John E. McKenna was recently honored by his community of Antigo, Wisconsin, which awarded him the Chamber of Commerce "Citizen of the Year" award. John has practiced in Antigo since 1961 and served as health officer since 1973. He is deeply involved in church activities as well as the Antigo Youth Hockey Association. John is currently a member of the Board of Directors of the W.M.A.A. and has been president of the Langlade County Medical Society.



John McKenna

1958

Dorothy Barbo, Director of the Center for the Mature Woman at the Medical College of Pennsylvania (MCP), has been chosen one of the "Best Women Doctors in America," as listed in the November issue of *Harper's Bazaar*. MCP Associate Professor of Obstetrics and Gynecology Barbo specializes in the diagnosis and treatment of osteoporosis and other problems of postmenopausal women.

Darold A. Treffert, Chairman of the Board of Directors of the State Medical Society (Wisconsin), was named to a statewide panel charged with reviewing the State Department of Regulation and Licensing's entire system of professional review and discipline. The Task Force on Professional and Occupational Discipline was established by Governor Earl. Treffert is a past President of the Wisconsin State Medical Society.

1961

John Bentson is professor of Radiology at U.C.L.A. Medical Center and Chief of Neuroradiology and Diagnostic Radiology. Among his numerous interests and non-professional activities are sports, wind surfing on the Pacific, helicopter skiing, sailing, bicycling, motorcycling, classical piano, language study, carpentry, photography, travel, and more.

Bernhardt Stein is active in Family Practice and Occupational Medicine in Tucson, Arizona. Bernie directs the Preceptorship Program for the Department of Family and Community Medicine, participates in resident and undergraduate teaching and is Director of the Hospital Employee Health Service.

John Underberg has been appointed Director of the Department of Radiology at Waukesha (Wisconsin) Memorial Hospital. He recently completed a term as founding President of Waukesha/Elmbrook Healthcare, S.C., a 225-physician member IPA. Underberg also was founding Vice-President of Diversified Professions, Inc., a 75-member physician-owned business corporation and is Co-Chairman of Associated Enterprises, a hospital-physician business partnership organized for the purpose of hospital/physician joint ventures. He recently was appointed to the Board of Waukesha Health Systems, Inc.

1966

Margaret Paetkau is practicing Ophthalmology in Edmonton, Alberta, Canada. Her emphasis is on low vision, diabetes screening and research. Margaret is particularly interested in the epidemiology of the two diseases which are the leading causes of blindness in North America—senile macular degeneration and diabetic retinopathy.

Michael Phillips is a full time academician at the University of Pennsylvania—Associate Professor of Medicine and Chief of Geographic Medicine. During his recent sabbatical he has been studying Molecular Biology in order to apply it to his studies of Immunopathology of Parasitic Diseases. The recently initiated Geographic Medicine program has accounted for over 100 publications. Michael is also developing a collection of mechanical musical instruments.

Peter Springberg has been named Chairman of the Department of Medicine at USAF Medical Center, Lakeland Air Force Base, Texas, after his recent return from the Philippines and promotion to the rank of Colonel. Mrs. Springberg (Melissa) is active in the Society for Creative Anachronism and holds a second degree black belt in Martial Arts.

1968

Neurologist **Blake B. O'Lavin** has become Chief of Staff at Memorial Medical Center in Corpus Christi, Texas after two years in the U.S. Army at Darnell Army Hospital, Fort Hood. O'Lavin served his internship and residency in Neurology at the Cleveland Clinic.

1969

William L. Bender, previously associated with the Platner Clinic in Fennimore, Wisconsin, has opened the Valley Medical Center in Readstown, WI. He interned in Cedar Rapids, Iowa, and received his residency training in Family Practice in the U.S. Air Force in Michigan and North Dakota.

1971

Leslie Brody recently resigned from a full-time academic appointment at USC to enter private practice in the San Fernando Valley area. Leslie is a Pediatric Neurologist who has been Director of the EEG Laboratory at the Children's Hospital of Los Angeles. He stays fit with weight lifting and riding an exercise bike. Music is a major recreational interest.

Jacob Felix is Co-Director of the Division of Neonatology, Department of Pediatrics, Sinai Hospital of Baltimore. He is active in teaching and research. His spouse, Jeanette, is a Geneticist who has been active in research at Johns Hopkins and in consulting for N.I.H.

Gary Wandschneider is in Family Practice in Spokane, Washington. He is Chief of Staff of Valley Hospital and Medical Center; Past President of Inland Empire Academy of Family Practice and Past Secretary-Treasurer of the Washington Academy of Family Practice.

1974

After spending five years on the University of Minnesota faculty, **Christopher Krogh** recently took a faculty position with the University of Wyoming's affiliated Family Practice Residency program in Cheyenne. His first child, Christopher Eric, was born May 10.

Michelle Zaniewski, who specializes in endocrinology and metabolism, has been elected a Fellow of the American College of Physicians. She trained at the Cleveland Clinic and now lives in Houston, where she is Director of the Houston Chapter of the American Diabetes Association and a member of the American Medical Women's Association.

1975

Ann Rock has been named Medical Director of the Superior-Douglas County Community Blood Bank. Ann is a member of the Superior Clinic and is on the medical staff of Memorial Hospital in Superior. She completed her residency in obstetrics at Jackson Memorial Hospital in Miami, Florida.

1976

Brent Behrens has been appointed assistant professor of Medical Oncology at Ohio State. Brent completed Graduate School training and an Internal Medicine Residency at Wisconsin before serving a Medical Oncology Fellowship at the National Cancer Institute.

Elizabeth Gabay has been practicing Internal Medicine and Infectious Disease with a health maintenance organization in Long Beach, California for five years. She is a Clinical Instructor in Medicine at the University of California–Irvine. Liz was recently elected a fellow of the American College of Physicians and in 1984 was named Physician of the Year by her HMO. Combining the practice of medicine with motherhood has been fun.

Dial Hewlett is engaged in hospital-based teaching and consulting in New Rochelle, New York. He is Assistant Professor of Medicine at New York Medical College and Chief of Infectious Diseases for Our Lady of Mercy Hospital, Bronx, New York.

James Huhta is Associate Professor of Pediatric Cardiology and Ob/Gyn at Baylor College of Medicine and Director of the Pediatric Echocardiography Laboratory at Texas Children's Hospital. James and his family have done extensive world-wide travel in association with his job—including a trip to Riyadh, Saudi Arabia in May.

Peter Layde has been an Epidemiologist at the CDC in Atlanta since completing postgraduate training in Montreal. He is currently Director of the Division of Chronic Disease Control.

1977

Lynn T. Martin was recently named a Diplomate of the American Board of Plastic Surgery. Following a residency in Otolaryngology at the Oregon Health Sciences University in Portland, Lynn completed a plastic surgery residency at UW.

He is currently a General Plastic Surgeon at the Gundersen Clinic in La Crosse, Wisconsin.

1978

Robert J. Van der Leest, a member of the Clinical Faculty of the University of California–San Francisco Medical School, recently has been named Chief of the Department of Dermatology at the Kaiser-Permanente Medical Group in Fremont, CA. He interned at Hennepin County Medical Center in Minneapolis and completed his residency in Dermatology at the University of Minnesota Hospitals in 1982.

1979

William F. Mieler has become associated with the Eye Institute of the Medical College of Wisconsin, Milwaukee County Medical Complex. A retina and vitreous surgeon, he is Co-director of Ocular Oncology and Director of Retinal Oncology. Mieler interned at Mercy Hospital and Medical Center in San Diego and served a residency in Ophthalmology at Bascom Palmer Eye Institute in Miami, Florida.

1980

Chris Peterson has joined the Emergency Medical and Trauma Center at Sacred Heart Hospital in Eau Claire, Wisconsin. Chris completed his residency in family practice at Sacred Heart and Luther hospitals in Eau Claire and is certified by the American Board of Family Practice.

1981

The Society of Critical Care Medicine presented **Peter B. Alden** with the Fourth Annual In-Training Award, which honors outstanding physicians involved in critical care medicine while still in training. Alden's paper, "Left Ventricular Dysfunction in Malnutrition," was based on research done at the Department of Surgery, University of Minnesota, where he is a surgical resident.

Sari Gilman is currently Assistant Professor of Psychiatry at the University of Pittsburgh Medical School. She is attending physician on an Inpatient Mood Disorders Research Ward and teaches residents and medical students. Her research interests are in the area of Biological Rhythms and Depression including the effects of light on a variety of biological parameters in depressed patients.

1981

Steven Nichols completed a Family Practice Residency at Naval Hospital, Jacksonville, Florida. In December of 1982 he completed Naval Flight Surgeon training followed by three years of service aboard the Aircraft Carrier U.S.S. Dwight D. Eisenhower. Steven was awarded the Navy Expeditionary Medal and Navy Unit Commendation for operations off Libya and Lebanon in 1983 and the Navy Achievement Medal for Organization of U.S.–Israeli Medical Exercise in 1984.

1982

Mike Bayer has joined the Duluth (Minnesota) Clinic as a Dermatologist. He recently completed a Dermatology residency at the Mayo Clinic preceded by a flexible internship at the Marshfield Clinic.

Mike and his wife Cindy have purchased a charming 100-year-old Victorian Heritage home on the shores of Lake Superior. They look forward to canoeing and skiing in the north woods.

Gregory T. Fossum recently completed a four-year Ob/Gyn residency at the Johns Hopkins Hospital. He has just begun a two-year fellowship in Reproductive Endocrinology at the University of Southern California. Greg, wife Ann and daughter Jennifer now live in Huntington Beach, California.

1983

David J. Deubler will join the Kiel, Wisconsin, Clinic in August—a branch of the Sheboygan Clinic. David completed a family practice residency at the UW Wausau program.

1985

Christopher J. Knuth would like his friends to know that as of July 1, 1986, he will have moved from Lexington, Kentucky, to Baltimore, Maryland, where his new address is 3834 Ednor Road, 21218.

Former House Staff

Edward Zupanc (Res. Peds.) is one of the first recipients of the American Academy of Pediatrics' Review and Education Program Fellowship Award. A pediatrician with the Monroe, Wisconsin, Clinic, Ed has been active in the continuing education program since the inception of P.R.E.P. in 1979. This means completing at least 20 hours per year of coordinated self-directed and self-evaluated study. Daughter Mary is a pediatric neurologist on the UW faculty.

Resident, Family Medicine and Practice, 1973–76

Thomas E. Wex has joined the Marshfield Clinic. He received his M.D. from Vanderbilt University School of Medicine and was stationed for two years at the United States Naval Hospital in Quantico, Virginia, before practicing seven years in West Bend, Wisconsin.

Resident, 1982–85

Margie H. Peterson recently joined the Group Health Cooperative of Eau Claire, Wisconsin. She graduated from the University of Minnesota School of Medicine and completed her residency at the Eau Claire Family Medicine Clinic. Q

Necrology

Anthony J. Bianco, '24 (2 year)
Vero Beach, Florida
March 21, 1986

Donald M. Britton, '35 (2 year)
Delray Beach, Florida
January 11, 1984

Stephen W. Brouwer, '39
Ithaca, New York
February 27, 1986

Paul J. Collopy, '33
Milwaukee, Wisconsin
April 30, 1986

Leo A. Dick, '45
Lubbock, Texas
April 7, 1986

Esther W. Goldberger, '32 (2 year)
Milwaukee, Wisconsin
January 10, 1985

Thomas E. Henney, '51
Portage, Wisconsin
April 30, 1986

William E. Jahsman, '23 (2 year)
Ogden, Utah
January 5, 1985

John R. Keefrey, '46
Phoenix, Arizona
February 28, 1986

Martin Klein, '48
Chilton, Wisconsin
December 22, 1985

Emeritus Professor Frank L. Kozelka
Madison, Wisconsin
April 16, 1986

George C. Kreymer
(former intern)
Dallas, Texas

Esther C. Kurtz, '35
Madison, Wisconsin
November 9, 1985

Norman Leshin, '25 (2 year)
Laguna Hills, California

Forde A. McIver
(former resident General Surgery)
Charleston, South Carolina
March 29, 1986

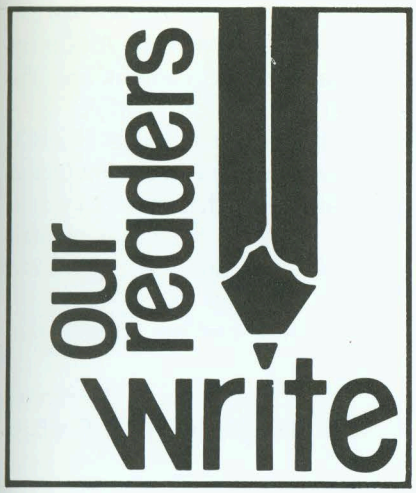
Maurice P. Rogers, '15 (2 year)
Rockford, Illinois

Robert V. Schumacher, '63
Edina, Minnesota
November 24, 1974

Ann M. Travis, '55
Pinson, Alabama
April 16, 1986

Irving Weissman
(former resident Radiology)
Champaign, Illinois
November 12, 1985

Robert E. Woodruff, '73
Alamo, California
February 15, 1986



Dear Mischa,

I want to be numbered among the hundreds of UW Medical School Alumni to thank you for your efforts in our behalf. It is sad that we don't express ourselves until one retires from offering his talents! To me, you are the Medical School Alumni *Quarterly*.

It has been a pleasure to have had the opportunity to know you and your lovely wife. There is no regulation to exclude guest editorials, Mischa!

Sincerely,
Bill
William C. Randolph '44 (also Otolaryngology resident 1946–48)

To Ralph Hawley:

The last *Quarterly* put out by the Medical School was simply great. A number of us were carried back in time—nostalgia reigned supreme. Enjoyed and appreciated the pictures, too!

Genie Schoen
Emeritus Professor of Nursing Education
Eugenia A. Schoen

Dear Dr. Kindschi,

I regret that I am unable to be present at the Medical Alumni Reunion. I am 93 and still practicing (low key). I was in the class that entered Medical School in 1919. It was a two-year school then. I am afraid there are not many of that class still living. I remember my two years at the UW Medical School with great pleasure.

George Thorngate, M.D.
1011 Cass St.
Monterey, California

Robert Schilling, M.D.
Washburn Professor of Medicine

Dear Bob,

I enjoyed page 12 of the Winter Medical Alumni Magazine for two good reasons. Your "Follow Your Heart" essay was just right. And the photo below had a picture of the first UW interns including my father and O. O. Meyer.

As ever,
Dick Stiehm '57
UCLA Dept. of Pediatrics

Dear Doctor Bender:

I would be delighted to host any students looking for residency in the Tampa Bay area. I live just across the bridge from Tampa which is the closest multi-specialty hospital. These programs are all affiliates of the University of South Florida Medical School, and I am on the clinical faculty both in medicine and in surgery. St. Petersburg, which is a more desirable residential community and also has better water sport facilities, has an excellent family practice residency affiliated with the university as well as an independent Department of Pediatrics at All Children's Hospital. There is also an OB/GYN residency with a looser affiliation with the university. My wife and I would be happy to host any prospective students and spend some time talking about the area, community, etc. We do not need a lot of advance notice and any single students could also bring a guest if they wish and are most welcome. After we have telephone contact, we can advise as to the number depending if we have guests of our own.

Yours truly,
David D. Hill, M.D.

Wisconsin Medical Alumni Assoc.

Dear George Kindschi, Ralph Hawley, and Staff:

I was privileged to attend the 50th reunion of my Medical Class—University of Wisconsin 1936. It was an exciting and well planned celebration.

The beautiful banquet at the Edgewater Hotel Thursday night; the a.m. bus ride to the Medical Science Center and the continental breakfast; the annual business meeting; the scientific program; the wine reception and the delicious lunch at the Wisconsin Center.

The engraved bronze medallion you gave me is a treasure—elegant and meaningful. Thank you very much. It occupies an important place in my home.

The tour of the Rehabilitation Medicine Department and Neuromuscular Retraining clinic was interesting, informative and encouraging. "Thank you" to Dr. Balliet. The bus returned us to the Inn on the Park.

The alumni banquet was beautiful and delicious and a wonderful experience. How thoughtful of you to present me with a beautiful corsage.

Thank you and everyone that planned and worked hard to make my 50th reunion a very special, memorable, and unforgettable experience.

Sincerely,
Evelyn (Cohen) Golden
Class of '36

Wisconsin Medical Alumni Association
Room 1239
1300 University Avenue
Madison, Wisconsin 53706

Dear Friends:

I would like the enclosed contribution to go to some project in honor of Helen Dickie. I believe she's interested in things that directly help students and so am I.

I am now practicing medicine in a satellite clinic of Henry Ford Hospital where they have "as many specialists under one roof as Mayo Clinic." I'm not under that roof but one about 20 miles away—and the traffic is awful.

Cheers,
Nancy Furstenberg, M.D. '50
31151 Rio Drive
Warren, Michigan 48093

As a University of Wisconsin Medical Student 1928–1930, who transferred to Cornell Medical and graduated in 1932, I am interested in your informative article on Student Loans in the *Quarterly*, vol. 26, pp. 15–17. I have long been one of the many "disturbed onlookers." The "studies on payback" goes far beyond influencing the new physician's choice of specialty and independence. Repayment strongly influences his basic motivation. The humanitarian idealism that is so important to the medical profession becomes badly strained by com-

mercialism. The deeply indebted new doctor may become a slave of the cash register, rather than the patient. We see such all around us, and it is deeply disturbing.

The most "disturbed onlooker" should be the medical schools. Society has placed the medical educational facility of our nation at the forefront of responsibility for care of the sick. The schools select the future doctors, train them, and determine that they are finally ready and qualified to attend to their fellow man. Such responsibility extends beyond commencement day into the way the new doctor conducts his professional life. Idealistic? Yes, and also realistic.

The student that assumes this burdensome debt should also be a "disturbed onlooker," for his conduct as a doctor is likely to be greatly influenced. The fact that most of the debts are paid is a tribute to the integrity of the group as a whole. Like the over-used credit card, it is a way of life and there for the asking. Everyone is doing it, the Medical School facilitates it. The federal government lives on credit, why shouldn't I?

The need of the moment often obscures the impact on the future. So it is not surprising to find the new physician grasping for job and income security. Only later does he lament being an employee rather than a free agent.

So what to do? The acceptance of the following thoughts will depend upon the social philosophy of those responsible.

1. I feel it unwise and impractical for federal government to contribute to student loan funds at the college and post-graduate levels. Such loans are logically the responsibility of the student, his family, or the school, in that order.
2. Students that mortgage their future should show evidence of self-help—i.e., summer or part-time jobs.
3. The school should not facilitate excessive borrowing, and should set limits. Realistically, this means that the school should keep its tuition within reasonable levels. This requires soul-searching on the part of the budget committee, for financial priorities will have to be adjusted.

So, in my old age I would challenge the University of Wisconsin Medical School to rethink its priorities, reduce its tuition, severly limit the ceiling on student loans, and carefully screen the candidates for such loans. Such a program, well publicized in the *Quarterly* and elsewhere, would revitalize alumni interest, and the school might find its loan funds oversubscribed.

Sincerely,
William A. Cooper, M.D.
742-A Heritage Village
Southbury, CT 06488

Dear Mr. Hawley,

I was incredibly pleased and very impressed with both the spirit of the place and what I saw in the Medical School when I received the Medical Alumni Citation. There have been wonderful changes since my early days in the 1940's.

All my best wishes for continued success of the Medical Alumni Association activities.

Sincerely yours,
Wallace W. McCrory, M.D.
Professor of Pediatrics
Director, Division of
Pediatric Nephrology
Dr. McCrory is a 1944 graduate who received our Medical Alumni Citation for 1986.

Dear Friends:

We thank you for your invitation to Madison for the Alumni Reunion. Our organization is also having one in the near future and I am enclosing something I wrote for the Menninger Reunion recently.

I wish you well. What you do for the University of Wisconsin is more important than many graduates realize. Sail on.

Sincerely,
Karl Menninger
Topeka, Kansas

Dear Dr. and Mrs. Kindschi:

My wife and I enjoyed your welcoming and heartwarming letter of March 14, and the enclosed reservation form and the news about the busses and the "Buckle Bear" and the program for doctors and the program for spouses.

I am enclosing our reservation $10.00 fee, but she and I will not be able to come to the meeting so please put this in the treasury as our mite.

If we were there, we would visit the art museum and the Madison Art Center and the Lake of the campus and the library and the dear old YMCA.

I am 93, and sometimes I feel like 103, especially when I have to decline things which I want so much to attend. I would not know many of the other alumni. Most of my friends are dead, which is a hard fact to get used to.

Carry on! And send me an invitation next year.

Sincerely,
Karl Menninger, M.D., F.A.P.A.

The Wisconsin Medical Alumni *Quarterly* for Spring 1986 was outstanding. So much nostalgia. Giving the Emeritus Faculty Awards to Dr. Walter Jaeschke and Dr. Joseph Lalich is timely and something which they both deserve. The picture of John Cameron and Ed Gordon was excellent. There never was a more likeable and enjoyable person than Ed. In the picture you get a feeling that he had pulled one over on John. One wonders what Dean Lawrence Crowley's mind was set upon rectifying. What a great picture of President Conrad Elvehjem. Too bad he died so young. Getting three deans—Parks, Cullen and Eichman—together must have taken some maneuvering. To get Fleming and Severinghauses' picture taken together in 1967 is a real prize. The article on the early days of anesthesiology at UW-USA was excellent, as were the photographs. I particularly liked the one showing Waters receiving the Swedish Royal Order of Vasa in 1947. Where could you find a better picture of Drs. Harold Coon and Bill Middleton? They did so many things together and both were so helpful in getting dermatology started as a residency program at Wisconsin. The picture of Sidney Orth was so lifelike. The photographer, who I suspect was Walt, really caught Sid in the right mood. Where have all the gems which appeared in the Spring 1986 issue been stored? Let's show more. I feel that this issue, whether it was due to the efforts of Vic Falk, or to the last effort of Mischa Lustok, will never be matched.

I cannot stop here. As a former chief of dermatology at the medical school and hospitals, I have my eye on anything dealing with dermatology. I wish to call your attention to Dr. Clayton Wheeler, a graduate of Wisconsin, who took his

training in dermatology at Michigan. He just finished being President of the American Academy of Dermatology. This is a real honor. Then there is Dr. G. Thomas Jansen who took a year of his training in dermatology at Wisconsin. He was elected President of the American Board of Dermatology, after being Secretary of the American Academy of Dermatology for three years. As I cast my eyes over other pictures, I see Dr. Roger Laubenheimer and his beautiful wife. Roger, a football great at Wisconsin and a graduate of the medical school, had Tom Jansen as partner while going through medical school. Roger took his first year training in dermatology at Wisconsin.

I trust by now you can see why I think the Wisconsin Medical Alumni *Quarterly* Spring 1986 is the best to date.

Sorry that I will miss all the doings associated with the alumni meeting and graduation.

Sincerely yours,
Sture A. M. Johnson, M.D.

Report from Israel

Dear Sig:

I hope to make the 40th reunion, but the trip from here takes a bit of planning, partly due to my relatively new responsibilities as Director of the American Program at the Sackler School of Medicine, Israel. Our program is a four year curriculum for American students and is the only off-shore medical school that is a real medical school. There is also an Israeli medical school here which has been in operation for twenty-two years. The American Program is only nine years old, but it has graduated five classes of which all of the members have found places in the match and have performed remarkably well—certainly above the average of US trained American graduates.

I am in no way prepared for what I have taken on to do. Perhaps my only qualification is that I speak both Hebrew and English and can understand the New York accents that predominate among our students. The classes include up to 40 New York State residents whose tuition of $15,500 per year is partially subsidized by New York State in return for three years of service to physician-poor areas after they have finished their house staff training. An additional 20 non-New Yorkers pay the entire freight themselves and have no service obligation after they finish.

The problems are many, but the motivation on all sides is even greater so the program is successful. You can imagine what the recent negative attitudes toward acceptance of foreign medical graduates has done to the morale of our students. There are many arguments pro and con, but the fact is that our basis for existence is high quality medical education and to that end I have committed myself.

I am in over my head (which isn't saying much since I am rather short) but I am enjoying the great learning experience of becoming an educator. Informally we are all educators on an individual level, but this becomes part of the medical tradition. What I am now involved in is the quintessence of trying to apply what I have learned in nearly 40 years as a doctor, a student, a teacher, and an organizer. All of this experience was in the United States and now must be applied in the Middle East in a fantastic crucible of clashing cultures and under all kinds of pressures—professional, intellectual, and cultural to say nothing of political and military.

Good to hear from you.

Jerry
Gerald Baum
Tel Aviv University
Sackler School of Medicine
Ramat Aviv, Tel Aviv
Israel

I interned at Wisconsin in 1933-34. The recent "memorabilia' publications brought back many memories. I retired from active practice in 1975.

Thank you.
Bessie M. Beach, M.D.
Greenville, South Carolina

Dr. Karl's note for MSP 40th anniversary booklet

Graduates of an Alma Mater often return to look again at Her face some years after they leave. Sometimes they come alone, sometimes with companions. They see Her in various lights and, more important, they see each other. Their paths have diverged since the golden days; many now live in different communities and environments; there may have been little intercommunication among the sons and daughters. Some have almost forgotten that there are (were) other people with similar beginnings to theirs. Their common past recurs in reminiscences; their working facades, carved by different events and relations and experiences are surrendered temporarily to a *deja vu* experience in the "reunion." In it they return to a point of equanimity and equality. They look upon one another, their colleagues of yesterday, with tender eyes. They see the changes time and environment have made; they obliterate reminders of past unpleasantness; but they can easily detect the original, old-time, fundamental personality. They observe how much and how differently various ones of them have handled the experiences of intervening years. They see how much—or how little—they and some others have grown. They will see aspects of personality configuration they didn't clearly perceive in the younger days.

So an alumni reunion is a precious educational experience, one of great value in addition to being a comforting and cheering and encouraging event. Those invisible bonds and forces of attraction (and repulsion) which make up a matrix are still delectably palpable, still mobile in one another's faces and manners and speech. And there is a kind of melting into a common ingot—and yet retaining individuality.

Are they better off for this view of one another again, hearing again a familiar voice? Can an inflection be forgotten or changed? Can roadmarks be rediscovered? Can evidences of increasing magnanimity or tenderness or introjection be discovered?

We are older; are we greedier? gentler? wiser? kinder? broader? Did "Dear Mother" give us the right start? the best start? in the right direction? Did she let us go too soon?

Our lives are their "thank you" to their remaining teachers. (They forget—that the patients were the *real* teachers.) Carry on. Storms are ahead; they appear to some of us to be cataclysmic. But you are braver and younger. Your philosophy, your training, your continued search for truth will help you to help others. Life is short and the art long . . .
"Sail on! cried Columbus.
"Sail on! Sail on!"

Q

Order Form

__ True color ***Aaron Bohrod Print of the Medical Center*** (22″ × 29″). Emeritus Artist-in-Residence Aaron Bohrod presented the original oil to the Medical School and personally approved the production of the prints of exceptional quality. The painting includes numerous symbols of significance to the Medical School. ($30.00 each or $50.00 for an autographed copy) $ _____

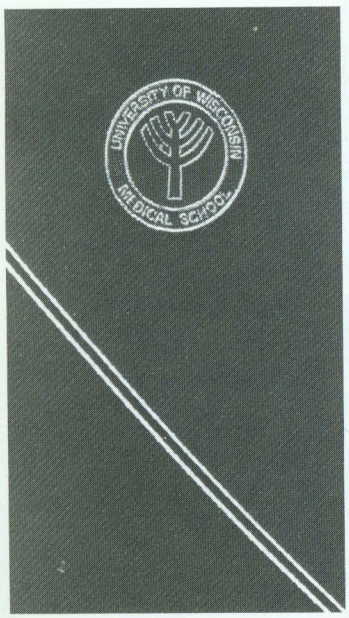
__ Dr. Paul F. Clark's book ***The University of Wisconsin Medical School: A Chronicle 1848–1948*** ($19.95 a copy) Only a limited quantity of this unique work remains. There are no plans for a second printing. $ _____

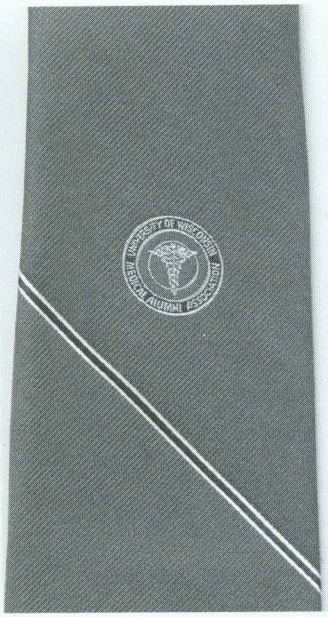
__ Dr. William Middleton's ***Medical History Essays*** ($6.00) $ _____

__ Dr. William Middleton's book ***Tangible and Intangible Values in Modern Medicine*** ($19.95 per copy) $ _____

__ Dr. Harold P. Rusch's book ***Something Attempted, Something Done*** ($15.00 per copy) $ _____

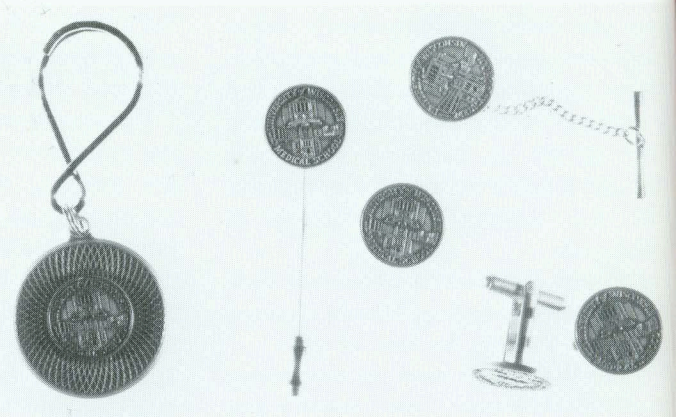
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1300 University Avenue, Room 1250
Madison, Wisconsin 53706

CONTINUING MEDICAL EDUCATION

DATE: **September 11–12, 1986**
TITLE: **6th Annual Current Emergency Care Problems**
SITE: **Sheraton Inn and Conference Center, Madison, Wisconsin**
AUDIENCE: Physicians and other health care professionals
CREDIT: AMA Category I credit and University of Wisconsin CEH's—both 12 hours; AOA Category 2-D credit—11-1/2 hours. AAFP and ACEP credit pending.

DATE: **September 22–23, 1986**
TITLE: **Pediatric Pulmonary Disease—Transitions into the Future**
SITE: **Sheraton Inn & Conference Center, Madison, Wisconsin**
AUDIENCE: Program Administrators, Consultants, Practitioners (especially public health personnel) in medicine, nursing, nutrition, pharmacy, social work, respiratory therapy.
CREDIT: To be announced
FEE: To be announced

FOR FURTHER INFORMATION CONTACT:
Ann Bailey
Continuing Medical Education
454 WARF Building, 610 Walnut Street
Madison, WI 53705
Telephone: (608) 263-2854

Coming Events

October 25, 1986
Annual fall Saturday brunch—Madison.
Tickets to Wisconsin vs. Illinois football game.

November 13, 1986
Wisconsin reception at annual meeting of American Medical Women's Association. St. Louis, Missouri.
5:30 to 7:30 pm—Sheraton, St. Louis.

November 14–15, 1986
Annual fall meeting of UW Orthopedic Alumni—Madison.
Visiting Professor Clement B. Sledge of the Brigham and Women's Hospital of Boston.
Tickets to Wisconsin vs. Ohio State football game.

February 1, 1987
Annual Milwaukee winter meeting.
A Sunday morning brunch and program—Westmoor Country Club.

February 23, 1987
Wisconsin reception at annual meeting of orthopedists.
6:30 to 8 p.m. Chartres Room, New Orleans Marriott Hotel.

May 15, 1987
Alumni Day—Madison.
Reunions for the classes of 1937, 1942, 1947, 1952, 1957, 1962, 1967, 1972, 1977, and 1982.

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Madison, Wisconsin 53706

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