50th Anniversary Celebration

TO: Alumni and Friends of the Mallinckrodt Institute of Radiology

The time for our Fiftieth Anniversary Celebration of the Mallinckrodt Institute is less than one month away. We have an excellent educational program scheduled for this occasion that will include the Scott Lecture by Dr. William H. Danforth, Chancellor of Washington University. Social activities have also been organized with a city tour for spouses and guests, a five-mile fun run in Forest Park, a tour and cocktail party at the Institute, and a banquet.

I am happy to report that a large number of our alumni from all parts of the country have already registered for these various programs. I would, of course, like to see as many as possible of our alumni and friends return to the Institute and help us make this a great event. I hope you can be with us at this celebration.

Best regards.

Sincerely,

Ron Evens
Ronald G. Evens, M.D.
Director
William H. Danforth, M.D.
Chancellor of Washington University
Wendell G. Scott Lecturer
William H. Danforth, M.D., Chancellor of Washington University, will deliver the Tenth Annual Wendell G. Scott Lecture during the MIR 50th Anniversary Banquet Friday, October 2, at the Chase-Park Plaza's Starlight Roof. A close associate of the Institute since 1951, the nationally-recognized physician, educator, and scientist will discuss the past and present of Mallinckrodt Institute in his address, “50 Years As Prologue.”

Born in St. Louis, Dr. Danforth graduated from Princeton University in 1947 and received his medical degree from Harvard in 1951. After completing his internship in medicine at Barnes Hospital, he progressed to assistant resident in pediatrics at St. Louis Children's Hospital to Professor of Internal Medicine and was named Vice Chancellor for Medical Affairs and President of the Washington University Medical Center in 1965. Dr. Danforth became Washington University's thirteenth Chancellor in 1971.

He has served as Chairman of the NIH’s Cardiovascular Study Section and member of the National Heart and Lung Advisory Council. He organized and co-directed the Bi-State Regional Medical Program to improve health care throughout the area. He was elected President of the Independent Colleges and Universities of Missouri and has been a member of the Advisory Committee of the Coordinating Board for Higher Education in Missouri since 1976. Chairman of the Boards of Directors of the Danforth Foundation and the St. Louis Christmas Carols Association, he is a corporate director at Ralston Purina Company, Mallinckrodt, Inc., and McDonnell Douglas Corporation.

Dr. Danforth was the recipient of the Brotherhood Award from the National Conference of Christians and Jews, the Human Relations Award of the American Jewish Committee, and was named the St. Louis Globe-Democrat’s Man of the Year in 1978. These and other awards reflect Dr. Danforth’s achievements as a physician, educator, administrator and civic leader.

The Wendell G. Scott Memorial Lecture was established by friends and colleagues of the late Dr. Scott as a living memorial to his excellence and leadership at Washington University and in radiology and medicine.
50th Anniversary Celebration
Mallinckrodt Institute of Radiology
October 1, 2, 3, 1981

Social Program

Thursday, October 1

TOUR OF INSTITUTE — COCKTAIL BUFFET

6:00 to 7:30 P.M. — Begin tour from first floor, Mallinckrodt Institute

Areas to be seen will include:
* Radiation Oncology
* Computed Tomography
* Ultrasound
* Neuroradiology
* Pediatric Radiology
* Computer Facilities
* Cardiac Radiology
* Nuclear Medicine
* Diagnostic Facilities in West Pavilion
* PETT — Radiation Sciences

7:00 to 9:00 P.M. — Cocktail Buffet on tenth floor, West Pavilion

Friday, October 2

CITY TOUR FOR SPOUSES — with Hanna Evens

10:00 A.M. to 3:00 P.M. — Bus will depart from and return to Chase-Park Plaza Hotel

* Begin with a driving tour of Riverfront area to see the Old Courthouse, Old Cathedral, the world-famous Gateway Arch and riverboats . . .
* Ride to the top of the Gateway Arch, then visit the unique Museum of Westward Expansion below . . .
* Lunch at the DeMenil Carriage House restaurant followed by a tour of the Chatillon DeMenil House, ante bellum mansion . . .
* Stop at the New Cathedral where the largest collection of mosaics in the Western World covers nearly the entire interior . . .

FIVE-MILE RUN

2:00 P.M. — Meet on the first floor of Mallinckrodt Institute for a five-mile run in Forest Park. T-Shirts will be given to those who have preregistered for the run.

MIR 50th ANNIVERSARY BANQUET & SCOTT LECTURE

7:00 P.M. Cocktails/8:00 P.M. Dinner — Starlight Roof, Chase-Park Plaza Hotel

Tenth Annual Wendell G. Scott Lecture
"50 Years as Prologue" — Dr. William H. Danforth
Chancellor, Washington University
Thursday, October 1
11:00 a.m.-5:00 p.m.

**Registration**

Welcome: Ronald G. Evens, M.D.
Moderator: William H. McAlister, M.D.

**Diagnostic Radiology Session — Scarpellino Auditorium**

1:00 Acute Pulmonary Edema .......................................................... John D. Armstrong, II, M.D.
1:30 Intravenous Angiography ............................................................ David O. Davis, M.D.
2:00 Health Care — Past, Present and Future ...................................... Gladden Elliott, M.D.
2:30 Current Approach to Radiological Diagnosis of Diseases of the Spine .......................................................... Mokhtar Qado, M.D.
3:00 Coffee Break
3:30 Uroradiological Imaging — Update ’81 ......................................... Bruce L. McClennan, M.D.
4:00 Use and Utility of Diagnostic Imaging ......................................... E. James Potchen, M.D.
4:30 CT in Staging Tumors of the Larynx ............................................ Stuart S. Sagel, M.D.

**Moderator: Carlos A. Perez, M.D.**

**Radiation Oncology Session — East Pavilion Auditorium**

1:00 Techniques for the Management of Carcinoma of the Breast .......... John M. Bedwinek, M.D.
1:30 Quality Factors in Increasing Tumor Control in Carcinoma of the Nasopharynx .......................................................... James E. Marks, M.D.
2:00 Carcinoma of the Cervix, the MIR Experience ................................ Carlos A. Perez, M.D.
2:30 Coffee Break
5:00 Advances in Treatment Aids and Treatment Planning in Radiotherapy .......................................................... James A. Purdy, Ph.D.
5:30 Endocavitary Therapy or Current Issues in the Treatment of Carcinoma of the Rectosigmoid .................................................. Bruce J. Walz, M.D.
4:00 Sensitizers and Protectors in Radiotherapy ................................... Todd H. Wasserman, M.D.

Friday, October 2

**Moderator: Robert J. Stanley, M.D.**

**General Session — Scarpellino Auditorium**

8:30 An Analogy Between the Development of an Academic Cardiac Radiologist and a Winning Football Coach .................................................. Larry P. Elliott, M.D.
9:00 CT in Staging of Malignant Disease with Emphasis on Lymphoma ........ P. Ruben Koehler, M.D.
9:30 Immaturity and Hepatobiliary Imaging Agents ................................ Michael D. Loberg, Ph.D.
10:00 The Role of CT in Diagnosing and Explaining Cerebral Radionecrosis .......................................................... James E. Marks, M.D.
10:30 Coffee Break
11:00 Radiolabeled Platelets and Vascular Disease ................................ Barry A. Siegel, M.D.
11:30 Computed Tomography in Radiation Therapy Treatment Planning ........ Carlos A. Perez, M.D.
12:00 Effective Interpretation of the Radionuclide Bone Scan — A Skeletal Radiologist's View .......................................................... Tom W. Staple, M.D.

Saturday, October 3

**Moderator: Michel M. Ter-Pogossian, Ph.D.**

**General Session — Scarpellino Auditorium**

8:30 Past, Present and Future Technological Training Program ............... Armand Diaz, R.N., R.T., F.A.S.R.T.
9:00 Radiobiological Research in Diagnosis and Therapy ....................... M.M. Elkind, Ph.D.
9:30 Nuclear Magnetic Resonance — UCSF Experience ............................ Alexander R. Margulis, M.D.
10:00 Cost and Benefits of Cancer Care ............................................. William E. Powers, M.D.
10:30 Coffee Break
11:00 Normal Variations in the Gastrointestinal Tract or the Borderlines of Pathology .......................................................... William B. Seaman, M.D.
11:30 Can Brain Tumor Histology be Predicted from CT Scans? ................... Juan M. Taveras, M.D.
12:00 The Emerging Radiological Imaging Modalities ............................... Michel M. Ter-Pogossian, Ph.D.
12:30 The Challenges Facing the Mallinckrodt Institute and the Specialty of Radiology — Can History Predict the Future? ......................... Ronald G. Evens, M.D.
Guy D. Armstrong, M.D.
Associate Professor of Radiology
University of Utah Medical Center

John M. Bedwinek, M.D.
Assistant Professor of Radiology
Mallinckrodt Institute of Radiology
Washington University School of Medicine

David O. Davis, M.D.
Professor and Chairman
Department of Radiology
George Washington University Medical Center

Armand Diaz, R.N., R.T., F.A.S.R.T.
Technical Administrator
Mallinckrodt Institute of Radiology
Washington University School of Medicine

M.M. Elkind, Ph.D.
Senior Biophysicist
Argonne National Laboratory
Professor of Radiology
The University of Chicago

Gladden Elliott, M.D.
Speaker of the House of Delegates
California Medical Association
Clinical Professor of Radiology
University of California, San Diego

Larry P. Elliott, M.D.
Professor of Radiology
Director, Division of Cardiac Radiology
University of Alabama School of Medicine

Ronald G. Evens, M.D.
Elizabeth Mallinckrodt Professor and Head
Department of Radiology
Washington University School of Medicine and
Director, Mallinckrodt Institute of Radiology

Mokhtar Gado, M.D.
Professor of Radiology
Mallinckrodt Institute of Radiology
Washington University School of Medicine

P. Ruben Koehler, M.D.
Professor and Director
Diagnostic Division
Department of Radiology
University of Utah College of Medicine

Michael D. Loberg, Ph.D.
Director, Radiopharmaceutical Research and
Development
E.R. Squibb and Sons, Inc.

Alexander R. Margulis, M.D.
Professor and Chairman
Department of Radiology
University of California, San Francisco

James E. Marks, M.D.
Associate Professor of Radiology
Mallinckrodt Institute of Radiology
Washington University School of Medicine

William H. McAlister, M.D.
Professor of Radiology
Mallinckrodt Institute of Radiology
Washington University School of Medicine

Bruce L. McClennan, M.D.
Professor of Radiology
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Washington University School of Medicine

Carlos A. Perez, M.D.
Professor of Radiology
Director, Division of Radiation Oncology
Mallinckrodt Institute of Radiology
Washington University School of Medicine

E. James Potchen, M.D.
Chairman, Department of Radiology
Michigan State University

William E. Powers, M.D.
Chairman, Department of Radiation Oncology
Wayne State University School of Medicine

James A. Purdy, Ph.D.
Associate Professor of Radiology
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Stuart S. Sagel, M.D.
Professor of Radiology
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William B. Seaman, M.D.
Professor and Chairman
Department of Radiology
Columbia University College of Physicians and
Surgeons

Barry A. Siegel, M.D.
Professor of Radiology
Director, Division of Nuclear Medicine
Mallinckrodt Institute of Radiology
Washington University School of Medicine

Robert J. Stanley, M.D.
Professor of Radiology
Mallinckrodt Institute of Radiology
Washington University School of Medicine

Tom W. Staple, M.D.
Adjunct Professor of Radiology
University of California, Irvine

Juan M. Taveras, M.D.
Professor and Chairman
Department of Radiology
Harvard Medical School
Radiologist-in-Chief
Massachusetts General Hospital

Michel M. Ter-Pogossian, Ph.D.
Professor of Radiology
Director, Division of Radiation Sciences
Mallinckrodt Institute of Radiology
Washington University School of Medicine

Bruce J. Walz, M.D.
Assistant Professor of Radiology
Mallinckrodt Institute of Radiology
Washington University School of Medicine

Todd H. Wasserman, M.D.
Assistant Professor of Radiology
Mallinckrodt Institute of Radiology
Washington University School of Medicine
The Director’s Office Reports

Recent Promotions

Bruce L. McClennan, M.D. to Professor of Radiology
Robert G. Levitt, M.D. to Associate Professor of Radiology
Dennis M. Balfe, M.D. to Assistant Professor of Radiology
Judy M. Destouet, M.D. to Assistant Professor of Radiology
Fernando Gutierrez, M.D. to Assistant Professor of Radiology
Karen D. McElvany, Ph.D. to Research Assistant Professor in Radiology

New Staff

Dr. Bahman Emami has joined the staff as an Assistant Professor of Radiology in the Division of Radiation Oncology. Born in Iran, he received his medical education at Tehran University and interned at Mt. Sinai Hospital in New York. After completing his residency and a research and clinical fellowship in therapeutic radiology at Tufts-New England Medical Center in Boston, Dr. Emami remained on the staff as an Assistant Radiotherapist.

Dr. Harvey S. Glazer, after four years of diagnostic radiology training, (co-chief resident, 1980-81) is a CT/Ultrasound Fellow and has been appointed an Instructor in Radiology.

Dr. Sidney D. Machefsky completed a three-year residency in diagnostic radiology and is now a 4th year Resident in Nuclear Medicine and Instructor in Radiology in the Division of Nuclear Medicine.

Dr. Matthew A. Mauro has joined the staff as a Fellow in the Abdominal Radiology Section and Instructor in Radiology. Born in White Plains, New York, Dr. Mauro received his M.D. degree from Cornell Medical College and served his residency at the University of North Carolina, Chapel Hill. His wife, Dr. Patricia Mauro, is a dermatologist on the Barnes Hospital staff.

Dr. Bharat B. Mittal transferred to MIR from Northwestern University in 1980 to complete the third year of his residency in Radiation Oncology and has now been appointed to the staff as an Instructor in Radiology in the Division of Radiation Oncology.

Dr. Jonathan Stein will complete a three-year residency in diagnostic radiology (effective 10/16) and remain on the staff as a Fellow in Neuroradiology and Instructor in Radiology.

Dr. Alan J. Tiefenbrunn, whose primary appointment is with the Department of Medicine has joined the staff as Assistant Professor of Radiology in the Cardiac Catheterization Laboratory. Born in St. Louis, Dr. Tiefenbrunn received his undergraduate and medical education at Washington University and served his residency in internal medicine at the University of California, San Diego. After completing a fellowship in clinical cardiology at Washington University, Dr. Tiefenbrunn joined the medical faculty in 1979.

Dr. Donald E. Wadsworth is a Uro-Radiology Fellow and has been appointed an Instructor in Radiology. A native of Portland, Oregon, Dr. Wadsworth received his M.D. from the University of Oregon Medical School and served a residency at Sacred Heart Medical Center, Spokane, Washington.

Mr. Mikio Yamamoto, M.Sc. of Japan’s National Institute of Radiological Sciences has joined the staff as Research Assistant in Radiology, Division of Radiation Sciences.

Off Staff

Dr. John F. AufderHeide, has begun a fellowship in ultrasound/computed tomography at M.D. Anderson Hospital and Tumor Institute, University of Texas Medical Center, Houston, after completing a three-year diagnostic radiology residency and a fourth year as a Fellow and Instructor in Nuclear Medicine.

Dr. Richard L. Baron, after completing a three-year diagnostic radiology residency and then spending one year as an Instructor in the Abdominal Radiology Section, is now a member of the radiology staff at the Hospital of the University of Pennsylvania, Philadelphia.

Dr. Arthur Bishop has entered the private practice of general diagnostic radiology at St. Anthony’s Hospital, Alton, Illinois, following four years of diagnostic radiology residency training at the Institute.

Dr. Balasundaram ChandraSekar, Instructor and Fellow in Neuroradiology, has accepted a position in academic neuroradiology at the University of Alabama Hospitals, Birmingham.

Dr. Elsie Cintron completed a three-year residency in diagnostic radiology and then returned to her home in San Juan, Puerto Rico, to join Dr. Edda DeSevilla (1972-1975) in academic radiology as a member of the staff at the Veterans Administration Hospital.

Dr. Charles M. Glasier, Instructor and Fellow in Pediatric Radiology, has joined the staff of Wilford Hall USAF Medical Center, Lackland AFB, Texas, as Chief of the Pediatric Radiology Section.

continued
Dr. David Hardy completed a four-year diagnostic radiology residency and for the next four years will serve on the radiology staff (Abdominal Section) of David Grand USAF Medical Center, Travis AFB, California.

Dr. Ashwani Kapila, Instructor and Fellow in Neuroradiology, has joined the staff of the University of Texas Health Science Center, San Antonio, as Assistant Professor in the Radiology Department (Section of Neuroradiology).

Dr. Philip J. Kenney completed a three-year diagnostic residency and has joined the diagnostic radiology staff (Abdominal Section) of Upstate Medical Center, Syracuse, New York, as Assistant Professor.

Jeannette Y. Lee, Ph.D., Assistant Professor of Biostatistics in Radiology (Radiation Oncology), has joined the Radiation Therapy Division of Upstate Medical Center, Syracuse, New York, as Assistant Professor.

Dr. William G. Spies has entered academic practice (primarily Nuclear Medicine, Body CT, and Ultrasound) at Northwestern Memorial Hospital, Northwestern University Medical Center after completing a four-year diagnostic radiology residency.

Dr. Barbara B. Sterkel completed one year as a 4th year resident Nuclear Medicine and has joined the radiology staff of St. Mary’s Health Center, St. Louis, doing primarily Nuclear Medicine.

Bantwal Ramanath Rao, Ph.D., Assistant Professor of Cancer Biology in Radiology, has joined the staff of the Department of Medicine, Endocrinology Unit, Vrije University, Amsterdam, The Netherlands.

Carlton C. Stewart, Ph.D., Associate Professor of Cancer Biology in Radiology, has joined the staff of Los Alamos Scientific Laboratory, Los Alamos, New Mexico, as Group Leader for Experimental Pathology.

Farewell Dinner

Dr. David Hardy, Chief Resident, 1980-1981, was one of 8 residents and 4 fellows at MIR to be honored at a farewell dinner, June 11th at the Washington University Alumni Club. Dr. Ronald Evens extended congratulations to those completing their training and presented each one with a plaque as shown by Dr. Hardy and his wife, Catherine.
RESIDENTS, FELLOWS & TRAINEES
1980-1981

Front row, left, Drs. Adler; Barker; Weinstein; VanDyke; Melson; Hardy, Chief Resident; Evens, Radiologist-in-Chief; Glazer, Co-Chief Resident; Shackleford; Bauer; Kopen; Cintron; White. Center row, Drs. Scales, Rio, Junker, Ling, Odrezin, Bishop, Spies, Kenny, Nicol, Owen, Reed, Vogel, Bronson, Menon, Patel. Back row, Drs. Mittal, Balogh, DiSantis, Laakman, Vannier, Wahl, Thaler, Johnston, Macheysky, Schroering, Solomon, Reinus, Stein, Chandra-Sekar.
1981 — A New Beginning

New Residents

DIAGNOSTIC RADIOLOGY

1st Postgraduate Year

Dr. Maryellen E. Amato, a native of Cleveland, Ohio, graduated summa cum laude with a B.A. in business administration from Notre Dame College and received her M.D. from Case Western Reserve University. Dr. Amato is an accomplished pianist and organist.

Dr. Bernice S. Law, a native of Hong Kong, China, holds B.S. and M.D. degrees from the University of California, San Francisco. Her hobbies are volleyball, basketball, and table-tennis.

Dr. William D. Middleton was born in Muncie, Indiana, and obtained his undergraduate and medical degrees from Duke University. His hobbies are tennis, sculpture, and basketball.

Dr. Dan M. Mulholland from Fort Dodge, Iowa, completed his undergraduate and M.D. degrees at Creighton University, Omaha, Nebraska. A member of AOA, Dr. Mulholland enjoys running, swimming, and racquetball. His wife, Christine, is a registered technologist.

Dr. J. Patton Neeley, III was born in Baltimore, Maryland, and received his B.S. degree in electrical engineering from Utah State University and his M.D. degree from the University of Utah. Dr. Neeley is an “avid” snow skier. His wife, Linda, taught violin, piano, and orchestra for several years in Utah, but now spends her full time at home with their sons, 3 year old James Paul and Matthew, 18 months.

Dr. Daniel D. Picus, from Rockford, Illinois, was a Phi Beta Kappa graduate of the University of Illinois and received his M.D. from the University of Chicago, where he was elected to AOA. His wife, Felicia, is a journalist.

Dr. Janice Wann Semenkovich received her B.S. degree from Yale University and returned to her hometown of St. Louis to obtain a medical degree from Washington University. A talented dancer, Dr. Semenkovich enjoys jazz, tap, and jazzercise. Her husband, Dr. Clay F. Semenkovich, is a medical intern at Barnes Hospital.

2nd Postgraduate Year

Dr. Gary A. Press, a native of Brooklyn, New York, graduated from Yale College, New Haven, Connecticut, and received his M.D. from Washington University Medical School. His interesting hobbies range from sailing, soaring, and skiing to auto mechanics.

Dr. Michael P. Ward was born in Ft. Walton Beach, Florida, and received his B.A. in biology and psychology at Rice University. He completed his M.D. degree and a medical internship at Louisiana State University School of Medicine. A member of AOA, Dr. Ward enjoys scuba diving and skiing.

Dr. James D. Winthrop, a native of Ft. Monmouth, New Jersey, graduated Phi Beta Kappa from Duke University with a B.A. degree in history and economics and received his M.D. from the University of Virginia. He and his wife, Deborah, who is a clinical oncology nurse specialist, share such hobbies as jogging and theatre.

The Director’s Luncheon

New 2nd Year Residents

Dr. Mark Hoffman and Dr. Matanya Naykhin, diagnostic radiology residents in the Jewish Hospital Integrated Program, will spend the next year of their training at the Mallinckrodt Institute.

RADIATION

ONCOLOGY

1st Postgraduate Year

Dr. David J. Monyak was born in New York City but chose Houston, Texas for his B.A. degree in physics at Rice University and a medical degree from the University of Texas Medical School. Dr. Monyak’s hobbies are astronomy and racquetball and his wife, Linda, is interested in a career involving computer applications in biology.

2nd Postgraduate Year

Dr. Gregory W. Cotter, first year resident in Radiation Oncology, was born in Baltimore, Maryland and graduated Phi Beta Kappa, summa cum laude from the University of Alabama. He received his M.D. degree from the University of South Alabama where he was a member of AOA and the recipient of numerous awards for outstanding scholastic achievement. Dr. Cotter begins his residency in Radiation Oncology after completing an internship in general surgery at the University of Alabama. His wife, Ardice, is a registered nurse.

Dr. Steven H. Stokes, from Dothan, Alabama, received his B.S. degree in biology from Auburn University and his medical degree from the University of South Alabama where he also served a medical internship. A member of AOA, Dr. Stokes enjoys jogging and Civil War history. His wife, Angelia, is interested in investments and banking.

NUCLEAR

MEDICINE

New 2nd Year Resident

Dr. Thorbjorn R. Amundsen has joined the staff as a second year resident in Nuclear Medicine after having completed his first post-graduate year in internal medicine at Washington University and a second year in pathology at St. Louis University. Dr. Amundsen was born in Tonsberg, Norway and received his M.D. degree from the University of Guadalajara, Mexico. His wife, Kathleen, stays busy with her 5 year old daughter, Annekin, and raising thoroughbred horses and gardening on their farm in Illinois.
Dr. Gregory T. Odrezin, Chief Resident, has wanted to be a doctor as long as he can remember. The only change in his decision has been to specialize in radiology rather than pediatrics. With his forthcoming marriage to Dr. Jamie Hewell, there will be a pediatrician in the family after all. Dr. Odrezin and his bride-to-be met while both were attending the Medical College of Georgia in Augusta. A member of Phi Beta Kappa and AOA, Dr. Odrezin graduated from Emory University in Atlanta and hopes to return to his native South to begin his career as a practicing radiologist.

"I came to Mallinckrodt for my residency because of its excellent international reputation," said Dr. Odrezin, "and after having lived all my life in the South, I wanted an exposure to the geographical and cultural aspects found in a different part of the country. I have found that, in addition to its impressive teaching staff and physical facilities, the Institute provides an excellent opportunity to study a vast number of cases and a wide variety of diseases."

"The further I proceed in radiology, the more challenging it becomes," said Dr. Odrezin. "One finds that there are an overwhelming number of clinical entities and details above and beyond the basics learned in medical school. Nothing replaces experience in providing a radiologist with the wide range of knowledge required to be familiar with so many different areas of medicine and surgery. With the multitude of diagnostic modalities available today, the radiologist faces the challenge of determining which is the most effective manner to proceed in evaluating the medical or surgical problem at hand."

As the residents’ advocate, Dr. Odrezin devotes at least an hour a day to handling his responsibilities as Chief Resident. In after hours, he practices jazz piano and runs two to four miles a day.
Born in Jackson, Mississippi, **Dr. James E. McDonald**, Co-Chief Resident, made the decision to enter the field of radiology during his senior year in medical school at the University of Mississippi. Graduating *summa cum laude*, he was elected President of AOA, and received a number of scholastic awards. A neuroradiologist who knew Dr. Mokhtar Gado and his work at the Institute suggested that Dr. McDonald look into Mallinckrodt for his residency training.

"Donna researched the tangible aspects of living in all the cities we considered for a residency," said Dr. McDonald. "St. Louis offered good training, the cultural opportunities of a larger city and a location close to our home in Mississippi." Dr. McDonald and his wife, Donna, were married in 1974. She holds a Master's Degree in Elementary Education and is currently serving as Vice-President of the Washington University House Staff Auxiliary. Their son, Evan, is just over a year old.

Dr. McDonald sees a Renaissance in the field of radiology beginning with Nuclear Medicine in the late 60's and early 70's and continuing with ultrasound and CT. He finds it stimulating to have day to day contact with nationally and internationally known staff members. "Some of the most important work we do as radiologists goes on behind the eyes," says Dr. McDonald. "We take images and extract that which is important." He is also proud of the fact that MIR physicians serve as consultants, selecting and performing examinations designed to best address a particular patient's problem. "By being available at all times, we have made it obvious that we are concerned about sick people."
International Symposium

Over 600 participants from 26 countries attended the Tenth International Symposium on Cerebral Blood Flow and Metabolism held at Stouffer’s Riverfront Inn in St. Louis, June 19–23. Organized by Drs. Robert L. Grubb, Marcus E. Raichle, and Michel Ter-Pogossian, the meeting included 100 oral presentations and 200 abstracts on topics such as autoradiography: studies in man and animals, experimental metabolism, xenon inhalation blood flow measurements, experimental cerebral ischemia, prostaglandins, neurogenic control, blood-brain barrier, drug effects, regulation of blood flow, higher cortical functions, and cerebrovascular disease.

Dr. Raichle presided at the inaugural meeting of the newly-formed Society of Cerebral Blood Flow and Metabolism which was held on June 21 in conjunction with the Symposium.

The highlight of the social agenda was a dinner dance at Grant’s Farm, the home of August A. Busch, Jr. As guests arrived, they were taken by train to the Barnhauf for a gourmet dinner and dancing to the music of Singleton Palmer’s Dixieland Band. Other social events included a visit to the Arch, a cocktail party at McDonnell Planetarium, and a hot air balloon ascension.

Elected

Dr. Bruce L. McClennan was elected for a one-year term as clinical representative to the Executive Committee of the Faculty Council, Washington University School of Medicine, effective July 1, 1981.
CBT Society
President

Stuart S. Sagel, M.D., Professor of Radiology and Director of the Chest Radiology Section at the Mallinckrodt Institute of Radiology, has been elected President of the Society of Computed Body Tomography (SCBT). Dr. Sagel is a charter member of this international society, which was organized in 1977 to provide a forum for acknowledged leaders in SCBT to present and discuss new developments in this field. As president, he is responsible for organizing the Society's 5th Annual Scientific Refresher Course to be held at Innisbrook, Florida, February 12-15. Other Mallinckrodt Institute of Radiology members of the Society are Drs. Robert Stanley and Ronald Evens.

Presents Paper

Dr. Michael J. Welch presented a paper entitled, “Short-Lived Positron-Emitting Radiopharmaceuticals for the Study of Neurological Function” at the American Chemical Society meeting in New York City, Aug. 23–28. Approximately 9,000 scientists from around the world attended the meeting of this society, which has a membership of more than 120,000 chemists and chemical engineers.

Grants Awarded

Dr. Frederick A. Valeriote, Head of the Section of Cancer Biology, Division of Radiation Oncology, is a Co-investigator on a three-year $900,000 research grant funded by the National Cancer Institute for the study of polyenes as biologic response modifiers. Polyenes are a group of about 100 agents which are not anti-cancer agents but, when administered along with true anti-cancer agents, increase the therapeutic effectiveness of those agents. Dr. Valeriote will study the effects of polyenes on animal tumor models to determine which polyenes are most effective in terms of their potentiating effect. Studies will also be done to determine the dose and schedule for administering the polyene and agent(‘s). Basic biological studies will examine the polyenes’ interactions with normal and tumor cells.

Co-investigator, Dr. Russell Little of the Jewish Hospital Department of Medicine, will study the effects of polyenes on the immune system. Principal Investigator, Dr. Gerald Medoff, Washington University Department of Medicine, will study the effects of polyenes on normal and tumor cells in culture.

Stephen Sapareto, Ph.D., Assistant Professor of Cancer Biology in Radiology, Radiation Oncology Division, has been awarded a three-year $215,000 research grant by the National Cancer Institute for his study of the effect of hyperthermia (heat) on the immune system. There has been documented regression of metastases and areas of tumor after hyperthermia treatment, even though heat was not applied to those particular sites. In other studies, comparison of tumor cell survival and tumor cure reveals that direct cell killing by heat, although an important factor, cannot completely account for tumor cure. Thus, some host mechanism, possibly damage to tumor blood supply, or enhancement of the immune response, must be involved.

In a series of studies, Dr. Sapareto and his co-investigators hope to provide new fundamental approaches to the immunotherapy of cancer and further understanding of the interaction between the immune response and hyperthermia.

International Congress of Radiology

The following presentations were made by MIR Staff Members at the International Congress of Radiology, June 24–27, 1981, in Brussels, Belgium.

“Radiographic Evaluation of Non-Enteric Gastrointestinal Bleeding,” Robert J. Stanley, M.D.

“Update of Economics and Utilization of Computed Tomography, Efficiency, Management, and Workload,” Ronald G. Evens, M.D.

“Computed Tomography of the Pancreas,” Robert J. Stanley, M.D.

“Trauma of the Hand and Wrist,” (Moderator) L.A. Gilula, M.D.
### CITY-WIDE RADIOLOGY CONFERENCE

**St. Louis, Missouri**

**1981-1982**

<table>
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<tr>
<th>DATE</th>
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<th>SPEAKER</th>
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<td>10/2/81</td>
<td>Wendell G. Scott Lecture</td>
<td>William H. Danforth, M.D. Chancellor</td>
<td>Second Session (7:15-8:30 p.m.)</td>
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<td>(Friday)</td>
<td>Chase-Park Plaza Hotel</td>
<td>Washington University</td>
<td>No second session</td>
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<td>11/9/81</td>
<td>Single-Photon Emission Tomography</td>
<td>B. Leonard Holman, M.D. Associate Professor of Radiology</td>
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<td>12/14/81</td>
<td>Skeletal Injuries in Sports</td>
<td>Lee F. Rogers, M.D. Professor &amp; Chairman of Radiology</td>
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<td>CT in Diagnosis of Herniated Nucleus Pulposus</td>
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<td>1/11/82</td>
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<td>To Be Announced</td>
<td>St. Louis University</td>
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<td>2/8/82</td>
<td>CT of the Genitourinary Tract</td>
<td>Morton A. Bosniak, M.D. Professor of Radiology</td>
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<td>3/8/82</td>
<td>Photo-Electronic (Digital) Radiology</td>
<td>M. Paul Capp, M.D. Chairman of Radiology</td>
<td>Digital at MIR</td>
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<td>Benjamin Felson, M.D. Professor of Radiology</td>
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<td>Mokhtar Gado, M.D. Professor of Radiology</td>
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<td>(Monday)</td>
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Alumni News

MIR alumnus, Dr. Heber MacMahon ('75), Assistant Professor and Chief of the Chest Radiology at the University of Chicago, reported he is highly involved with diagnostic chest radiology, CT, and chest biopsies. “We are working toward a track system,” said Dr. MacMahon, “and looking forward to getting a new body scanner. By 1983 our radiology department should be moved into an entirely new hospital building.”

Dr. MacMahon’s two favorite hobbies are photography and racing his 911-S Porsche, both of which “absorb a great deal of my free time and money.”

Dr. Thomas E. Herman, MIR alumnus (75-79), was recently honored for his teaching abilities by the radiology resident staff of the University of Chicago. Dr. Herman received the second annual Mark Tetalman Award in recognition of the effective system he has instituted for training residents in pediatric radiology.

Dr. Herman encourages his residency staff to become actively involved in a patient’s clinical situation; to obtain all the necessary information and clinical history of a patient; direct the X-ray examination; and then read the films while the patient is still in the radiology department.

“By independently reviewing a case and making a professional diagnosis before reviewing the case with a senior radiologist, the resident staff member is forced to make his own decision,” said Dr. Herman. “I only do what Dr. Bill McAlister taught me as a resident at Mallinckrodt,” he added. “Rather than use a ‘Teaching File’ approach in interpreting radiological examinations, I believe this system creates a better learning process,” said Dr. Herman.

The Mark Tetalman Award was established at the University of Chicago in 1980 to honor the memory of an alumnus who was murdered during a robbery in 1979 while attending the Society of Nuclear Medicine meeting in Atlanta.

ANNUAL ALUMNI RECEPTION AT RSNA
FOR
WASHINGTON UNIVERSITY MEDICAL SCHOOL
MALLINCKRODT INSTITUTE OF RADIOLOGY

Alumni and Staff are invited to attend the annual reception by Washington University Medical Center Alumni Association on Monday, November 16, 1981 in the Atlanta Room of the Hyatt Regency in Chicago, 6:30–8:00 p.m.
Congratulations, Graduates
Class of ’81 Graduates 15 Radiologic Technologists


Radiation Oncology

Nuclear Medicine


Left to Right, David Earl, R.T., C.N.M.T., David Perry, C.N.M.T., Susan Mulhall, C.N.M.T., Steven Bernier, C.N.M.T.
Welcome New Students
25 Students Enrolled in MIR Radiologic Technology


Radiation Oncology

Left to Right, Kim Draeger, R.T., Rob Scheper, R.T., Charyle Moody, R.T., Kent McCune, R.T., Karen Smolen, R.T. Not pictured: Anita Lagow, R.T., and Dawn Withrow, R.T.

Nuclear Medicine

Left to Right, Regina Hillenbrand, Norman Richter, May Hentz, Helen Mattaline, Barbara Hente.
Thanks To AFSL

Dr. Ronald G. Evens expressed thanks and appreciation from the Mallinckrodt Institute and Barnard Hospital in presenting the above picture to AFSL members at the annual meeting May 25. Retiring President, Ann Keilty, left, joins Dr. Evens and Sharon Wachter, 1980-81 Treasurer, for a look at the picture which is a montage of photos of every Gridiron check presentation.

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