FOCAL SPOT

A NEWSLETTER OF MALLINCKRODT INSTITUTE OF RADIOLOGY

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Governor Christopher S. Bond Visits Mallinckrodt
GOVERNOR CHRISTOPHER S. BOND VISITS MALLINCKRODT

The Honorable Christopher S. Bond, Governor of Missouri, delivered the Fourth Annual Wendell G. Scott Memorial Lecture entitled "A New Era for Health in Missouri". The lecture was held September 8, 1975, in Scarpellino Auditorium of Mallinckrodt Institute of Radiology.
Education is continuing, demanding, and unremitting. This philosophy, coupled with the desire to further excellence in medical training and patient care, is reflected in the roles of three members of the MIR clinical staff: Drs. William E. Allen, Jr., Charles L. Abramson, and Tawfik Karam Yousseft. Despite the significant responsibilities of their busy clinical schedules, each radiologist devotes one hour every week to teaching medical students. This unselfish sharing of their knowledge, skill, and expertise has earned them the profound gratitude and appreciation of Mallinckrodt Institute as well as the medical students who, through interprofessional dialogue, are enabled to see how radiology affects patient care in a community hospital setting.

Dr. William E. Allen, Jr., the recently retired Director of the Department of Radiology, Homer G. Phillips Hospital, has an extensive background of society memberships, publications, and numerous awards. Not content to “rest on his laurels” Dr. Allen continues to be active in radiation therapy at St. Louis University.

Dr. Charles L. Abramson is in the private practice of radiology in St. Louis and has several Illinois hospital appointments.

Dr. Tawfik Karam Yousseft is Attending Radiologist at Good Samaritan Hospital in Mt. Vernon, Illinois from where he travels each week for his teaching responsibilities at MIR.

The three faculty members have gained the sincere thanks and appreciation of students and staff alike for their enormous contributions to the competence and professionalism of the medical staff of the future.

**RADIOLOGY RESIDENTS, TRAINEES, AND FELLOWS 1974-1975**

Back row, left to right, Drs. W. Davis, Mikhael, G. Davis, Moran, Welch, Lembeck, Kumar, Powers, Burrows, Huete. Second row, left to right, Drs. Knight, Chepey, Hauser, Cieply, Murphy, Levitt, Lee, Craven, Rujanavec. Seated, left to right, Drs. Blakely, Bookin, Forrest, Jost, Co-Chief Resident, Evens, Radiologist-in-Chief and Director of MIR, Scheible, Chief Resident, de Sevilla, Biello, Merlis.
Mallinckrodt Welcomes

Profile of the 1975 First Year Residents

MIR’s resident class of seven members is composed of one woman (single) and six men, three of whom are bachelors. The wives of the three married students pursue professional careers of their own. The cosmopolitan nature of the students is reflected in their seven different medical school backgrounds and by their geographical distribution representing six states and one foreign country. They are creative and diverse with most expressing enthusiasm for classical music, including baroque organ, and one being an accomplished violinist. Tennis is preferred as an extra-curricular activity among the residents.

Along with the academic schedule, orientation for the first year residents included a cordial welcome, good food, and good fellowship at the Director’s Luncheon in Queeny Tower; an afternoon of softball, volleyball, and grilled “thick, juicy” hamburgers and all the trimmings at the Residents’ (and Spouses’) Picnic in Tilles Park; and on a continuing basis, the Noon Conferences which offer new residents an excellent means of becoming better informed and better acquainted.

Since arriving July 1, the class has quickly merged into the Mallinckrodt family and successfully adapted to the challenging pace of the Institute.

From the region of azalea gardens, moss-covered trees, and delicious creole cooking comes Dr. Judy Marie Destouet, of New Iberia, Louisiana. A graduate of the University of Southwestern Louisiana with a B.S. degree in microbiology, Dr. Destouet received her M.D. from Baylor College of Medicine in Houston. She’s an outdoor girl who enjoys tennis and horseback riding and resides in Webster Groves.

Dr. Michael Gornish from Philadelphia, Pennsylvania received his B.A. from Harvard University and his M.D. from Temple University. A member of Alpha Omega Alpha, his hobbies include astronomy, violin, and Judaic studies. Dr. Gornish is married to a programmer analyst, Leesa, who is also a pianist, and shares her husband’s enjoyment of music. They reside in University City.

Dr. Jeffrey J. Ellis was born in Chicago, graduated Phi Beta Kappa from the University of Illinois and received his M.D. from Layola Stritch Medical School in Maywood, Illinois. A member of Alpha Omega Alpha, Dr. Ellis is a bachelor whose favorite extra-curricular activities are listening to classical music and playing tennis.
Dr. Thomas E. Herman was born in St. Louis but chose the East for his premedical education. A graduate of Dartmouth College, Dr. Herman received his M.D. from John Hopkins University. He is a bachelor whose special interests range from sports such as swimming, squash, and soccer to baroque organ music.

Dr. Jong Il Lee is a bachelor from Korea who graduated from Seoul National University School of Medicine, served three years in the Korean Army, and then came to the U.S. for his medical internship at Albert Einstein Medical Center of Philadelphia. Dr. Lee's favorite recreation is playing "Ba-dook," a Korean game similar to chess.

Dr. Andrew L. Tievsky of Washington, D.C. is one of seven new residents in diagnosis who arrived at MIR on July 1. A graduate of the University of Rochester, New York and George Washington University Medical School, Dr. Tievsky served his internship in medicine at the University of Missouri Medical Center in Columbia. His wife, Sharon, is a speech pathologist and her favorite hobbies are cooking and needlepoint while Dr. Tievsky is an enthusiastic photographer. Their home is in University City.

Dr. Philip J. Weyman was born in Cleveland, Ohio and received his B.A. and M.D. degrees from Yale University. He completed his surgical internship at Case Western Reserve University in 1973 and the following two years served as a medical officer aboard the U.S.S. Little Rock. Dr. Weyman and his wife, Tina, who is a social worker, reside in Kirkwood. Their hobbies are golf and tennis.
Residents Welcome

At the Director’s Luncheon

Front row, left to right: Drs. Destouet, Gornish, Evens, Jamshidnejad, Lee. Back row, Busse, Tievsky, Ellis, Weyman, Herman, Reeves, and Kim.

Residents’ Picnic

RESIDENTS’ FAREWELL

Photos by Dr. Gene L. Davis, Jr.
A Visit With The Chiefs

Dr. Thomas R. Fuller, Jr. was born in Johnson City, Tennessee. His wife, Ann, is from Charleston, South Carolina, and they met while attending Duke University in Durham. Ann, whose father is a professor of Pathology at the Medical University of South Carolina, was in the Duke School of Nursing and Dr. Fuller was working on his A.B. degree. Pi Kappa Alpha fraternity activities kept him busy on campus, particularly during the senior year when he was elected President of the fraternity. Dr. Fuller again chose a "southern clime" and his native state for medical school training when he completed his M.D. at Vanderbilt University.

Although Ann Fuller is a R.N., at the present time she's concentrating on the "care and upbringing" of their four year old son, Scott. Her love of swimming has resulted in successfully teaching Scott to swim. A four month old Dalmatian completes the family.

Dr. Gene Layton Davis, Jr. was born in West Virginia and holds a bachelor's degree and medical degree from the University of Virginia in Charlottesville. Founded by Thomas Jefferson, the University of Virginia was still an all-male university when Dr. Davis attended and he met his wife, Gretchen, who attended Mary Washington College in nearby Fredericksburg, on a blind date. Dr. Davis was Phi Beta Kappa in addition to his extracurricular activities of radio announcing, University tour guide, student government leader and Pi Kappa Phi officer.

Gretchen Davis teaches mathematics and physics at Berkeley High School and is also Sponsor of the school's majorettes. She recently completed her Master's degree in Secondary Educational Administration. They both enjoy the St. Louis Symphony Orchestra and are season ticket holders.

Numerous trophies and awards are evidence of Dr. and Mrs. Davis' interest and prowess in obedience training their two Shetland Sheep Dogs (resemble small collies). They have reached the C.D.X. (companion dog excellent) level which is equal to a high school education.

"Before dogs", Dr. Davis says, "my main hobby was bartending." Upon request, he cited some recipes which substantiate his expertise in the field!

As we visited with our Chief Residents, it became apparent that they have certain similar traits. To list a few: Both Drs. Fuller and Davis have a tinge of red to their hair and wear glasses; both are from the south and attended southern undergraduate and medical schools; both met their wives (also from the south) on blind dates during pre-med days; they live in Creve Coeur about one block apart and attend movies regularly; and the "name of the game" is racquetball with both doctors fiercely dedicated to the sport and playing several times each week. They are also enthusiastic tennis players and their wives equally enjoy swimming. Dr. Fuller and Dr. Davis met when they came to Barnes Hospital for their medical internships; each decided on a radiology residency, and each plans to take a fourth residency year at MIR. Lastly, both doctors have set high goals for themselves of quality patient service, solid roentgen diagnostic discipline, and mature collaboration with other personnel.

The warm, friendly, and considerate personal qualities Drs. Fuller and Davis contribute to the spirit of MIR can only be reflected in the splendid liaison leadership they are providing between the Director and residents of MIR.

RESEARCH ASSOCIATE

Giovanni Santelli, Ph.D., comes to MIR from Naples, Italy as a Research Associate in Experimental Cancer Chemotherapy. He received his Ph.D. from Bologna University and worked as a postdoctoral fellow at the Institute for cancer research and therapy in Naples.
Dr. Mark B. Edelstein has always been interested in medicine, science, and biology. At age fourteen, one of his favorite activities was to accompany his uncle, Dr. Morton Binder, on patient rounds. Realizing the young man’s keen scientific interest and enthusiasm for medicine, Dr. William Powers suggested sixteen year old Mark come to Mallinckrodt and work in the seventh floor Radiation Therapy Lab. The three-room lab consisted of a combination office and operating room, an X-ray machine room, and a mouse room.

That first summer in 1965 was the beginning of a long and productive association for Mark and MIR as he helped with experiments in the animal room and did similar work every summer until 1974. Each year he was given additional research responsibility.

A big change in Mark’s work role came in 1969 when Dr. Fred Valeriote joined the staff of MIR and the Division added to clinical studies of the mouse with more basic research on radiation therapy and chemotherapy.

In 1970, Edelstein received his B.A. degree from the University of Wisconsin, where he was a member of Phi Beta Kappa scholastic fraternity. Before entering Washington University Medical School, he worked with Dr. Fred Valeriote and Dr. Teresa Vietti studying experimental cancer chemotherapy. A new development occurred in Mark’s future plans when he followed their suggestion to apply to the M.S.T.P. program in which both a Ph.D. and M.D. degrees are obtained. The dual degrees allow insight into the intricacies of research as well as the responsibilities of patient care.

Following this plan of study, the first two years of the program were pre-clinical years and in his third year, normally clinical, Mark began work on his Ph.D. and was registered in both medical and graduate schools. He completed his Ph.D. in the spring of 1974 and then began his clinical year which was completed in April, 1975.

During the first two years of medical school, Dr. Edelstein’s research work at Mallinckrodt was confined to Christmas and summer vacations. His Ph.D. research was done at Mallinckrodt under the sponsorship of an interdepartmental committee set up with the Department of Pathology. In two years Mark completed his Ph.D. research and thesis.

Dr. Edelstein is now Instructor of Cancer Biology and Research Instructor in Pediatrics with Dr. Teresa Vietti. In the spring of 1975 he received the distinguished Hugh M. Wilson Award which is given annually for meritorious work in either clinical or experimental radiology.

Mark began a year’s leave of absence in September to work on combination chemotherapy and the effects of chemotherapy on bone marrow at the Radiobiologic Institute of the Netherlands. While in Europe Mark’s wife, Terese, plans to further her study of violin. An accomplished violinist, Terese has played in the Municipal Opera Orchestra and other orchestras in the St. Louis area.

In addition to their academic pursuits in Europe, we hope the Edelsteins find some leisure time for their hobbies of camping, hiking, bicycling, and foreign cars.

**NEURORADIOLOGY SPECIAL FELLOW AND INSTRUCTOR**

Dr. Frank Kolodziej, Instructor and Special Fellow in Neuroradiology, received his B.S. and M.D. degrees from the University of Puerto Rico where he also served his internship and residency in radiology. A member of the Puerto Rico Medical Association, Dr. Kolodziej was stationed at San Juan and San Diego during his two years of service in the U.S. Navy. His favorite hobby is scuba diving.
Focus on New Faces

INSTRUCTOR AND FOURTH YEAR RESIDENT

Dr. Javad Jamshidnejad’s (Dr. Jamshid) arrival at MIR was “programmed” to go according to schedule! But something happened.

The family moving expedition from Albany, New York included Dr. Jamshid, driving a heavily loaded truck, followed by Mrs. Jamshid in their automobile, accompanied by Anahita, their 5½ year old daughter, and Dr. Jamshid’s mother, who came from Iran to help with the move to St. Louis! On their arrival, things happened quickly! Mrs. Jamshid, Mitra, was rushed to Missouri Baptist Hospital where she gave birth to their second child, Ramin, a son. All went well at the hospital.

Meanwhile, Dr. Jamshid, in off hours, supervised and tended to the “settling in” of the family and household furnishings in their new home in Creve Coeur along with assuming his duties as Instructor in Radiology at Mallinckrodt!

Hectic, yes, but Dr. Jamshid is not one to be easily discouraged as evidenced by his three-time climbs of Mt. Damavand, an 18,000 ft. mountain in northern Iran. One of his climbs in the winter of 1965 was a historical feat. He was buried in snow for three days, managed to tunnel his way out, and successfully climbed to the top of the mountain.

Born in Iran, Dr. Jamshid received his M.D. from Tehran University and then came to the U.S. for his internship at the Berkshire Medical Center in Pitts-burgh and his pathology residency at Springfield (Massachusetts) Medical Center. He completed three years of radiology residency at Albany Medical Center before entering Mallinckrodt for his fourth year of diagnostic training.

Dr. Jamshid’s wife, Mitra, is a pathology resident at Missouri Baptist Hospital and she, too, enjoys mountain climbing and tailoring of clothes (when there are no mountains to climb). Welcome to Mallinckrodt!

NUCLEAR MEDICINE INSTRUCTOR

Dr. Adel G. Mattar, Instructor in Radiology (Nuclear Medicine), was born in Benha, Egypt. He received his medical degree from Ain-Shams University in Cairo, Egypt and served his rotating internship at Ain-Shams University Hospitals and Approved Hospitals of Health in Cairo.

He took his residency training at the University of Melbourne Hospitals in Australia and at Buffalo, New York hospitals.

During the year 1969-1970, Dr. Mattar served as the medical officer on an Australian National Ant-Arctic Research Expedition. His wife, Mary, an Australian citizen, is a pediatrician and they have two sons, Luke Adel G. Mattar, eleven months old, and Pierre Adel G. Mattar, one month.

The Mattars came to Mallinckrodt from Buffalo General Hospital where he was a clinical assistant in nuclear medicine.

NUCLEAR MEDICINE FELLOW

Dr. Eui Shin Kim comes to MIR as a Fellow in Nuclear Medicine from Seoul, Korea. He holds a M.D. and M.S. degree from Seoul National University and in 1970 came to the U.S. to Baltimore, Maryland to serve his internship at the Greater Baltimore Medical Center followed by a radiology residency at West Pennsylvania Hospital and University of Pittsburgh.

Bo Ok, Dr. Kim’s wife, is a musician (soprano) and holds a Bachelor of Music degree from E Wha University in Korea. Her love of music is shared by Dr. Kim who lists his #1 hobby as listening to classical music and because of its “musical sound” Sharon was the name a physician friend suggested for their two year old daughter. Sharon has an older brother, Patrick, four, and the Kim family reside in St. Ann in their home devoted to medicine and music.
MULTI-DETECTOR SCANNER EVALUATED

Recently, the Division of Nuclear Medicine has been evaluating a new rectilinear scanner manufactured by Philips Corporation in the Netherlands. With Drs. Michel Ter-Pogossian, Barry Siegel and Ed Coleman making the necessary arrangements at Mallinckrodt Institute of Radiology, the scanner was shipped here after preliminary studies in Holland. Two engineers from Philips were in St. Louis with the scanner for three weeks. The first two weeks of their stay were used for the installation of the scanner and balancing the delicate electronic system. Since the initial installation, the scanner has been used for routine nuclear medicine studies.

An advantage of this new scanner is the large crystal area that consists of 6 rows of 14 detectors for a total of 84 detectors. The length of time necessary for a whole body scan is decreased since there is such a large surface area of the detectors. For example, with the conventional rectilinear scanner the time required for a whole-body bone scan is approximately 45 minutes whereas the new multi-detector scanner requires approximately 8 minutes. Since the demand for whole body scans is rapidly increasing in nuclear medicine, it is important to have a scanner which can do the studies in a shorter period of time in order to provide all the requested studies. The whole-body scans presently being produced in nuclear medicine include bone scans and gallium scans for detecting tumors and abscesses.

The preliminary results suggest that the new multi-detector scanner is comparable to the conventional rectilinear scanner and gamma camera in detecting lesions. However, further data is needed to determine if this system is as sensitive in detecting abnormalities as the other imaging devices.

Improvement in Xenon Delivery System Helps Ecology

A new xenon trap now enables the xenon ventilation studies to be performed anywhere in the hospital instead of only in nuclear medicine laboratories where Nuclear Regulatory Agency Approved venting systems are located.

Designed and built by Jean Barbier in conjunction with Drs. Philip Alderson, John Eichling, and Naris Rujanavech, the xenon trap holds the radioactive exhalations of patients receiving the xenon tests until radioactive decay has reduced it to a negligible level, making the exhalations harmless for the environment.

SOVIET CANCER SPECIALISTS VISIT MALLINCKRODT

A five man Russian team of cancer specialists visited the MIR Division of Radiation Oncology on Monday, August 11, 1975 as part of their tour of eight U.S. medical centers hosted by Varian Associates, a Palo Alto concern.

The Soviet delegation's visit was made for the general purpose of developing an understanding of the status of equipment, techniques, and procedures for management of cancer in the United States. Dr. William E. Powers, Director of MIR's Division of Radiation Oncology and other members of the Oncology staff welcomed and conferred with the visitors as they toured MIR facilities.

The group included Moscow physicians Dr. L. L. Urbanovitch and Dr. Stanislav U. Balsevitch; physicists Dr. Oleg V. Savchenko, Dr. V. A. Vassiliev, Dr. Leonid Petrenko, and interpreter, N. Sorokon.
DR. EVENS RE-ELECTED CHAIRMAN OF BARNES COMMITTEE

Dr. Ronald G. Evens, Director of MIR and Radiologist-in-Chief of Barnes Hospital, was re-elected as Chairman of the Barnes Medical Advisory Committee and Executive Committee for a one year period beginning July 1, 1975. This committee governs the actions of the medical staff, advises the board of directors in matters concerning the welfare of the hospital, the medical staff, the medical care and treatment of patients, and medical education and research programs in the hospital complex.

RESEARCH ASSOCIATE IN RADIATION SCIENCES

Madhukar L. Thakur, Ph.D., a native of Bombay, India, has joined the MIR staff as Research Associate in Radiology (Radiation Sciences). He will be working closely with Dr. Michael Welch.

Dr. Thakur comes to MIR from London where for the past nine years, he has been working for the Medical Research Council at Hammersmith Hospital. His wife Lalita, also Indian, is a teacher and a gourmet cook specializing in Indian curry dishes. Their seven year old daughter, Netra, and son, Neil, four, were born in London and do not speak Indian.

An enthusiastic cricket player, Dr. Thakur enjoys working with young people and for six years served as a rector for a college students’ hostel in Bombay.

During the first six weeks of their stay in the U.S., Dr. Thakur and his family traveled more than two thousand miles sightseeing and exploring “this great wide country.”

“So many people”, commented Dr. Thakur, “asked us how our children speak such nice English (accents) but nobody understood their saying ‘chips’ for fries and ‘que’ for line. And can anyone tell me why I need more than twice as much sugar here than in London to get the same sweetness to my mild cup of tea? Anyway at least the people are more sweet and generous here.”

MIR ATTRACTION FOREIGN VISITORS

Dr. Fevzi Renda, Professor of Medicine and Director of Nuclear Medicine in Ankara, Turkey visited the Mallinckrodt Institute of Radiology in June of this year. Dr. Renda is a graduate of Washington University School of Medicine and was in the United States on a special fellowship from the United Nations to visit leading nuclear medicine centers in this country.

Dr. Michael Wills, Chairman of Pathology Division, Royal Free Hospital London, England was a visiting professor at the Institute in July and lectured on “Renal Physiology and Pathology for Radiologists.”

Dr. Errol Levine, Professor and Chairman, Department of Diagnostic Radiology, University of the Witwatersrand Medical School, Johannesburg, South Africa, spent two days at the Mallinckrodt Institute in July to observe angiography and uro radiology.

RADIATION ONCOLOGY TRAINEES

Dr. Ronald Andrew Sapiente, Dr. Glen Irving Reeves

Dr. Ronald Andrew Sapiente, a native of New Haven, Connecticut, graduated from Sacred Heart University in Bridgeport and St. Louis University Medical School. He comes to MIR as a Trainee (NCI) in Radiation Oncology after completing his internship at Duke Hospital. Dr. Sapiente’s wife, Rebecca, is a medical technologist. She shares her husband’s great interest in antique collecting and oriental carpets but Dr. Sapiente is the “bread baker” in the family (also one of his hobbies) as Mrs. Sapiente has her “hands full” with Rachel and Andrew, twins, age fifteen months. They reside in Richmond Heights.
WHO’S NEW in Radiation Oncology?

Pediatric Oncology
Kenneth Sewell, Research Technician, received his B.S. degree in Biology from the University of Missouri, Columbia, and is currently enrolled in graduate school at UMSL.
Robert Montgomery, Research Technician, is a Biology major at Washington University and will receive his B.A. degree in May, 1975.
Debbie Elliott, Secretary and Receptionist (Clinac 35) will complete a B.A. degree in Sociology from UMSL in December, 1975. Her hobbies are reading and sewing.
Roseanna Siesennop, Receptionist, attended UMSL and her husband, Robert, is currently completing a degree in engineering management. They both enjoy swimming, water skiing, and tennis.
Beverly Kobeissi has assumed the duties of Administrator of Operations and Personnel in Radiation Oncology. She received her B.S. degree in Sociology from Washington University and completed her M.A. in Sociology from UMSL. Beverly was born in Searcy, Arkansas and her special interests are ceramics, antique hunting, and reading mystery novels. Beverly’s office and other Radiation Oncology administrative offices have been moved to the Forest Park Medical Center Bldg. at 4511 Forest Park.
Frank Flynn is the new Administrator for Finance and Accounting in Radiation Oncology. He holds a B.S.B.A. from the University of Missouri and served in the U.S. Marine Corps. Frank terms himself an “amateur artist” and his hobbies are handball, golf, tennis, and swimming.
Geraldine Coleman finds her favorite hobby, sewing, a decided advantage for her, the mother of two young daughters, Carla, age nine, and seven-year-old Shirlyn. “Gerri” was formerly employed by Washington University Child Psychiatry before coming to MIR as a secretary in the Cancer Biology Section.
Mary McDonald, a native St. Louisan, is the new Trainees’ Secretary for Radiation Oncology. She attended UMSL and Florissant Valley Community College and her special interests include tennis, camping, guitar, and singing.

New MIR Supervisor of Nursing
Jacklen Martin, R.T., R.N., became Supervisor of Nursing, replacing Mrs. Carol Evans who retired June 20, 1975. A member of the American Nursing Association, Jacklen received her R.T. from MIR’s School of Radiologic Technology and graduated from the Florissant Valley Community College School of Nursing. She is now working toward a Bachelor’s Degree in Nursing.
Jacklen’s husband, Larry, is employed by Southwestern Bell Telephone Company and on weekends they enjoy taking their boat “to the lake” for water skiing and boating.
Help Keep FOCAL SPOT Informed of Your Activities

Dear Alumni:

To help us keep your former house officers or faculty and friends apprised of your achievements, we would appreciate your taking a few minutes to fill out the following questionnaire.

Name
Address
Recent activities (publications, promotions, etc.)

Honors, fellowships, medals, honorary degrees

Major field of research or study

Special interests

Please fold, staple and mail.

We also appreciate receiving photographs and press clippings
MPSES OF NEW PERSONNEL
COMING TO SECOND FLOOR

coming to MIR, Marsha Cunningham, 2nd Librarian, was manager of a boutique and also in St. Louis. A rock music enthusiast, she enjoys dancing, reading, and astrology. She plans to attend Washington Evening College in September.

MIR Thanks Volunteers

A group of people who are especially appreciated for their time and energy given in helping our many areas of radiology are volunteers: Fritschle, Catherine Rumpf, Adele Kilbride, Barbara Butler, Corliss Fischer, Alene Diehr, Thoout and Candy Stripers: Jennifer Jones, Marilyn, Julie Glaser, Cindy Costley, and many others.

We extend our thanks for their concern, care and assistance which is the essence of all.

Barbara Sue Gross, R.T., new member of the second floor technology staff, attended Southwest Missouri State and received her technology training at Burlington County Memorial Hospital in Mount Holly, New Jersey.

Barbara lives in Chesterfield and enjoys cooking and the challenging hobby of fencing. Fencing requires good coordination for the mind, feet, and arms to go at the same speed while trying for a point by touching the opponent with the tip of the sword over the heart or anywhere above the waist. Barbara tells of the time when the protective round tip broke off the sword just as her opponent lunged and made a "touche" on her throat. Luckily she was only bruised. Barbara studied fencing for a year under Nancy Curry of the Olympics.

"Are you sure this is how Madame Curie got her start?" says Susan Wright, Secretary in the MIR Diagnostic Computer Section. Born in St. Louis, Susan attended Smith College for two years and received her B.A. in French from Washington University. She is presently studying systems and data processing at Washington University and is a bridge enthusiast.
The laboratory equipment is the usual, the atmosphere not the usual! The walls contain colored reprints depicting the allegorical statues found within Michelangelo's "Tomb of the Medici" in Florence, Italy. A radio softly plays Vivaldi and Mozart. This is the setting in which Christa Cooper, Lab Technician in Radiation Sciences, works best. As evidenced by her surroundings, Christa is especially interested in art and classical music. Born in Vienna, Austria, Christa speaks 4 languages and has the equivalent of a B.S. degree in Medical Technology from the University of Vienna. Her husband, Allen, is an accountant and has participated in marathons as a long distance runner. They both enjoy travel and the plays at the Loretta-Hilton Theatre. Christa recalls, as a child in Vienna, she would stand in line for hours to get "stand up" tickets for the theatre.

Before coming to MIR, Marsha Cunningham, 2nd floor Film Librarian, was manager of a boutique and record shop in St. Louis. A rock music enthusiast, Marsha enjoys dancing, reading, and astrology. She graduated from Soldan and plans to attend Washington University Evening College in September.

Barbara Sue Gross, R.T. new member of the second floor technology staff, attended Southwest Missouri State and received her technology training at Burlington County Memorial Hospital in Mount Holly, New Jersey.

Barbara lives in Chesterfield and enjoys cooking and the challenging hobby of fencing. Fencing requires good coordination for the mind, feet, and arms to go at the same speed while trying for a point by touching the opponent with the tip of the sword over the heart or anywhere above the waist. Barbara tells of the time when the protective round tip broke off the sword just as her opponent lunged and made a "touche" on her throat. Luckily she was only bruised. Barbara studied fencing for a year under Nancy Curry of the Olympics.

MIR

Thanks Volunteers

A group of people who are especially appreciated by MIR for their time and energy given in helping our patients in many areas of radiology are volunteers: Mary Ann Fritschle, Catherine Rumpf, Adele Kilgore, Barbara Butler, Corliss Fischer, Alene Diehr, Joyce Waterhout and Candy Strippers: Jennifer Jones, Marsha Williams, Julie Glaser, Cindy Costley, and Laura Sweda.

To these and other Barnes volunteers and junior volunteers we extend our thanks for their concern, compassion, and assistance which is the essence of all volunteers.

"Are you sure this is how Madame Curie got her start?" says Susan Wright, Secretary in the MIR Diagnostic Computer Section. Born in St. Louis, Susan attended Smith College for two years and received her B.A. in French from Washington University. She is presently studying systems and data processing at Washington University and is a bridge enthusiast.
William E. Powers, M.D., Professor of Radiology, has been named a new board member of the St. Louis City and County unit of the American Cancer Society.

Drs. Robert Scheible and Thomas R. Fuller attended the May meeting of the American Association of Academic Chief Residents in Radiology held in San Diego, California. During the past year, Dr. Scheible has served as a member of the A³CR² steering committee and Dr. Fuller, MIR Chief Resident, was elected to the 1975-1976 committee. Dr. William H. McAllister, Professor of Radiology at MIR, served as guest faculty radiologist.

Dr. Ronald Evens was presented a plaque by the Barnes and Allied Hospital Society in recognition of his tenure as Vice President of the Society during the year 1974-1975.

Michael Edward Phelps, Ph.D., was appointed to serve as a member of the Computer and Biomedical Sciences Study Section for the National Institutes of Health for a four year term beginning July 1, 1975.

The Physics Section in Radiation Oncology of MIR presented the following papers at the American Association of Physicists in Medicine 17th Annual Meeting held in San Antonio, Texas on August 3-7, 1975:

Dose Distribution — Moving Strip External Beam Radiation Therapy by A. Feldman, Ph.D., A. Hrejsa, Ph.D., A. Sorensen, B.S., and J. A. Purdy, Ph.D.

Depth of Maximum Dose for Megavoltage Photon Beams by D. E. Velkley, Ph.D. and J. A. Purdy, Ph.D.

Percent Depth Dose Studies on the Clinac 35 Linear Accelerator by J. A. Purdy, Ph.D., F. R. Zivnuska, M.D., D. E. Velkley, Ph.D. and D. Keys, M.A.

Magnetic Enhancement of Electron Depth Dose Distribution in a Phantom by D. P. Whitmire, Ph.D., D. L. Bernard, Ph.D., M. D. Peterson, Ph.D. and J. A. Purdy, Ph.D.

Evaluation of the Operation and Support Required for a High Energy Linear Accelerator by P. A. Parrino, M.S. and J. A. Purdy, Ph.D.

Dr. Mokhtar Gado will present three lectures this fall at the postgraduate course of Neuroradiology at Harvard University under the direction of Dr. Juan Taveras. In November he will give two lectures in the symposium and course on Computerized Tomography in Chicago.

Glenn P. Glasgow, Ph.D., was appointed to the staff of the Mallinckrodt Institute of Radiology as an Instructor in Radiology in the Division of Radiation Oncology, effective July 1, 1975.
Phil Sotir, R.T., presented a lecture entitled “Pediatric Radiography and Your Child” at a recent meeting of the American Business Women’s Association. In his presentation, Mr. Sotir discussed some of the more timely issues in pediatrics including the topics of battered children, lead poisoning, and foreign body studies of the esophagus and stomach.

Cher Collins, R.T., has been elected Vice-President and Norman Hente, R.T., has been appointed Newsletter Editor, of the 4th District Missouri Society of Radiologic Technologists.

The 1975 Mallinckrodt Fellowship for Continuing Education Award was presented to Stanley Niemann, student technologist, in recognition of his many contributions to the District X-ray Society this past year. The purpose of the $50.00 award is to help defray his cost in attending the annual meeting of the Missouri Society of Radiologic Technologists.

David Phegley, R.T., recently lectured at the monthly meeting of the Greater St. Louis Association of Nuclear Medicine Technologists. His presentation for the meeting was entitled “Evaluation of a New Whole-Body Imaging Device.”

Gary Brink, R.T., presented a lecture “The Principles of Radiographic Exposure” at a student seminar sponsored by the M.S.R.T. in Columbia, Mo. (Missouri Society of Radiologic Technologists). Armand Diaz, Gary Brink, and Norman Hente attended the July annual meeting of the American Society of Radiologic Technologists held in San Francisco, California.

Richard Hoepfner, R.T., has been promoted to Assistant Technical Supervisor of the evening shift.

**ECE PROGRAM BEGINS**

Recently the American Society of Radiologic Technologists, in cooperation with the American Registry of Radiologic Technologists, launched a program which will grant professional recognition to those technologists who participate in continuing education activities. The Society recognizes the need for technologists to continue their education after graduation, partly because of the many changes and sophistications taking place in the field of radiologic technology today. Moreover, the growing demand for public accountability in regard to radiation safety as well as quality health care, makes it imperative that technologists keep current with developments in the profession. As an outgrowth of these recognized needs, the Society now permits technologists to earn “Evidence of Continuing Education” (ECE) credits whenever they attend an approved continuing education activity.

Continuing education lectures are not new at Mallinckrodt for technologists have been provided with in-service educational programs for the past two years. However, effective July 1, 1975 in-service continuing education lectures at the Institute will be approved for ECE points, and will thus permit the participants to accrue additional points toward the achievement of their Evidence of Continuing Education goals.

The first approved ECE program this year was a two hour lecture series on Mammography presented by Judy Cortner, R.T. Her program included the history of mammography, radiographic techniques, patient and specimen positioning methods, and pathology of the breast.

**AWARD WINNERS**

Jayne Palazzolo, left, and Jere Palazzolo, right, were the recipients of the Mallinckrodt Award as the most outstanding students in the 1973-1974 Graduating Class and Bob Mackin received this distinction for the 1974-75 school year. The award is based on academic achievement, scientific contribution, leadership ability, and loyalty to MIR.
Technology Training

Congratulations, Graduates

Twenty Graduate From Mir School of Radiologic Technology

Graduation exercises were held in Scarpellino Auditorium on June 30, 1975, for 20 graduates of the Mir School of Radiologic Technology. Dr. Ronald Evens, Armand Diaz, and Gary Brink participated in the ceremony which, for the graduating students, marked the completion of 24 months of clinical training and didactic instruction in X-Ray Technology.

Nuclear Medicine Post Graduates

Front row, left to right: Karen Kirchhoff and Nancy Rosenuer. Back row, left to right, Doug Hausenbauer, David Phagley, and Terry Karch.

Radiation Oncology Students Complete Training

Back row, left to right, Donetta Dodwell, R.T., Mark Petry, R.T., Gary Steffen, R.T. Front, Jim Miller, R.T., Judy Rubach, R.T., Catherine Harmon, R.T.


Keeps On Rolling

Welcome New Students

Twenty-Three Students Enrolled in MIR School of Radiologic Technology


Nuclear Medicine Technology Students Represent Geographic Diversity

Eight Enrolled in Radiation Oncology Technology Training

Five students representing diverse geographical areas are enrolled in the Nuclear Medicine Technology post graduate course are, front row, left to right, Kian Chua (Indonesia), Marcel Esuli (Nigeria); back row, David Cannon (Nevada), Fran Sprick (Missouri), and Chuck Gugger (Illinois).

Front row, left to right, Mary Jane Schultz, R.T., Sally Brendle, R.T., Katy Lennon, R.T., Susan Ricci, R.T. Back row, Dr. William Mill, Director of Training Program, Mary Kleiber, R.T., Pat Bauer, R.T., Dorothy Meadows, R.T., Ethel Haydt, R.T., and Bettye James, R.T., Technical Supervisor.
Need to Relax?
Try Rug Weaving

Dean Coulter, Dr. Teresa Vietti’s new Scientific Coordinator, makes rugs. It’s not the old time-honored rug weaving, but rather a form which is presently sweeping the country. Yarn tufts are pushed through a burlap backing with a small tool then glued in place with latex cement.

Many rugcrafting kits are available containing machine, burlap, yarn, latex and pattern, but for the person who prefers his own designs and colors, a more basic approach is possible. The tufting machine alone is required. Latex and yarn can be purchased from local carpet manufacturers. Burlap can be bought during fabric sales. Designs come from anywhere.

The design above came from a Sears rug advertisement; however, Dean has never actually seen the original rug. He makes rugs as a relaxation therapy and suggests that crafters be fairly relaxed when they begin anyway since a standard rug can cost as much as $7 to $8 per square foot to make.

Among his past projects are a small child’s toy, a coat of arms, and an elephant with her baby on the African savannah. Future rugs include a reclining tiger in oranges, tans, yellows and black and other animal formats.

Dean’s wife, Nancy, is a registered nurse specializing in Neonatology and holds a M.S. in Child Development. They have two children, Garrett, 2, and Cammie Michelle, 3 months.
Nurse
Carol Evans Kuboth Retires
Carol Evans, R.N., had been at Mallinckrodt only two months when she saw the first renal aorta arteriogram ever performed at MIR. The surgeon was Dr. James Stokes. During the following eight years, Mrs. Evans was to see many of the special procedures, previously done by surgeons, taken over by radiologists performing the entire procedures.
Mrs. Evans' career at MIR was varied and challenging as she served in various roles toward improved patient care. Nurse Evans assisted Dr. Morton Binder in starting the first Personnel Health Center at Children's Hospital, and MIR's Special Procedures provided her with a number of duties which ranged from explaining the procedures to patients, to scheduling them on first floor, to assisting the radiologists with the actual procedures.
An automobile accident in April, 1969, resulted in a shattered hip and injured sciatic nerve for Carol Evans but she proved wrong those who said she "would never walk or work again" when she came back to MIR after six months, with the use of a cane and a leg brace, which she wore for three years.
On June 20th, Mrs. Evans retired from 17 years at MIR and her final role of Nursing Supervisor, responsible for the Central Service for all sterile supplies used in Radiology.
In talking about retirement at her farewell party Mrs. Evans said, "I've enjoyed every minute of my nursing career at Mallinckrodt. It has been a wonderful experience to meet and work with so many fine young doctors and staff members. Several I know have entered MIR as residents and advanced to full professorships. However, I'm looking forward to complete retirement, to moving to a small town, enjoying some fishing, and to being a housewife for the first time in forty years since I began nursing training in 1935. My husband, August Kuboth, came here from Germany in 1929, and we plan to visit his relatives there sometime in the future."
Wherever Carol Evans (Kuboth) is we know she will be providing a helping hand and a warm heart to those around her.

New Faces

Paging: “Hilda Meyer”

Many times during the past 23 years the name, “Hilda Meyer" has echoed on the MIR intercom and answering the page was a familiar figure in her blue-green uniform and white sweater. Hilda, now retired, will be missed by many as she was known and recognized throughout MIR as she made her daily rounds from floor to floor picking up and delivering laundry.

For Roberta Louis, 2nd floor film librarian, her 16 years of involvement in Girl Scouting began when her daughter joined the Brownie Troop at Antioch Baptist Church in St. Louis. Keeping pace with her daughter's interest in scouting (Donna worked her way "up through the ranks” to become a Senior Girl Scout), Roberta has served tirelessly as Troop Leader of Troop 2935 organizing projects such as making stuffed toys and Easter baskets for the children’s ward at Homer G. Phillips Hospital; Christmas stockings for patients at Chronic Hospital; and flowers for the Home for the Aged.
Through the years, on numerous weekends, Roberta could be found taking her scouts on interesting and educational field trips which ranged from planting trees to visiting Rockwood Reservation, Gateway Arch, and Old Cathedral in St. Louis to the French Settlement in Ste. Genevieve to Hannibal, Mo. and Mark Twain's home, to the “Land of Lincoln” in Springfield, Illinois.
Recently the Girl Scout Council of Greater St. Louis gratefully acknowledged Roberta's fine work and tireless efforts in the field. As Troop Organizer and Consultant for Antioch Baptist Church, she has helped to provide Scouting for over 350 girls in her neighborhood.

And a Little Child Shall Lead You"
Major Philip O. Alderson began a two-year tour of duty with the Air Force in July 1975. He will be stationed at the Army Forces Radiobiology Research Institute, National Naval Medical Center, Bethesda, Maryland.

Dr. Thomas F. Craven is in private practice in Cincinnati, Ohio, as a diagnostic radiologist and angiographer.

Major John L. Cieply has been assigned to the Tripler Army Medical Center in Hawaii (an Army teaching hospital), to fulfill his active duty military obligation, following a three-year diagnostic radiology residency at the Mallinckrodt Institute.

Dr. Edda de Sevilla completed a three-year diagnostic radiology residency at the Mallinckrodt Institute and is now a member of the general radiology staff of the University of Puerto Rico in San Juan.

Dr. J. Bruce Hauser has entered the private practice of radiology with a group in Eugene, Oregon, after finishing a three-year diagnostic radiology residency at the Institute.

Dr. Jeannie Jones Kinzie, assistant professor of radiology at the University of Chicago, has been named to the “1975 World Who’s Who of Women” and the “1975 Who’s Who in Community Service.”

Dr. Kil Soo Lee completed a two-year fellowship in neuroradiology at the Mallinckrodt Institute and has joined the Northwest Radiologists, Inc., a private practice radiology group in St. Louis.

Dr. Heber MacMahon is an instructor in diagnostic radiology at the University of Chicago, after completing a diagnostic radiology residency at the Mallinckrodt Institute.

Dr. Anthony L. Merlis has joined the staff of the Hitchcock Clinic, Hanover, New Hampshire (affiliated with Dartmouth Medical School) to do general radiology, after finishing a three-year residency in diagnostic radiology followed by one year of specialized training in neuroradiology at the Institute.

Dr. Abdel Ragab is associate professor and director of the division of hematology and oncology, department of pediatrics at the Emory University School of Medicine, Atlanta, Georgia.

Dr. Guy Van Syckle is the new president of the Connecticut State Medical Society.

In the summer of 1975, Dr. Arthur J. Nussbaum completed two years of duty in the Air Force, moved to St. Louis, began his second year residency in diagnostic radiology, and became the proud father of a new baby!

Dr. Nussbaum, who is a native of Trenton, New Jersey, shows a geographical diversity in his educational background. He received his B.A. from the University of Pennsylvania, and his M.D. from Tulane University, New Orleans. His pediatric internship at Bronx, New York’s Municipal Hospital Center, Albert Einstein, was followed by residency training in radiology at Presbyterian University Hospital in Pittsburgh.

Dr. Nussbaum and his wife, Barbara, a teacher, have a wide range of hobbies and special interests. They both enjoy bridge; however he expressed enthusiasm for music, wildlife observation, and tennis while Barbara’s hobbies are needlepoint and racquetball. Now their number one priority is their new son, Gregory Michael, born August 14, 1975.

Dr. Paul P. Busse was born in Chicago, Illinois and comes to MIR as an Assistant in Radiology and third year resident. His previous residency in radiology was served at St. Louis University Group Hospitals. Dr. Busse received his B.S. from Marquette University, Milwaukee, Wisconsin and his M.D. from St. Louis University.

Mrs. Busse (Sue) is an R.N. in the Barnes cardiovascular operating room. She and her husband enjoy music and tennis and reside in St. Louis.
WEDDING BELLS

Mr. and Mrs. Norman L. Hente were married at St. John United Church of Christ, Granite City, Illinois, on Saturday, June 28, 1975. The bride is the former Barbara Wagner of MIR’s Cancer Biology Section and the bridegroom is a registered technologist and Supervisor of the Photography Laboratory of Mallinckrodt. The couple visited San Francisco, California, and Phoenix, Arizona, on their wedding trip.

Jayne Palazzolo, Staff Technologist, and Keith Cobb were married July 19, 1975 at St. Margaret of Scotland Church.

The wedding of Miss Nancy Hirstein, R.T., and Dr. Robert G. Levitt took place September 20, 1975 in the Christ Prince of Peace Church in Manchester, Missouri. Nancy, whose home is St. Louis, is a technologist in Pediatric Radiology and Dr. Levitt is a third year resident in Diagnostic Radiology. A native of California, Dr. Levitt and Nancy met six months after he came to St. Louis and MIR.

Mary Kathryn Clutts, student technologist, will be married on October 18, 1975 to Philip Schlemer, Petty Officer Second Class, U.S.C.G.

Congratulations to Rosanne Westholt, Scheduling Supervisor, and Adam Vorlage, Senior Research Technician (Radiation Oncology Physics) on their marriage of August 30, 1975.

My Mom and Dad are in a whirl
Excited as can be
And though I really shouldn’t brag –
It’s all because of me!

Barbara (Cancer Biology research technician) and Alexis Devaraj are the proud parents of a new little daughter, Neesha, born on March 27, 1975.

Dr. and Mrs. Louis A. Gilula announce the birth of a son, Ian Micah, on June 30, 1975. The Gilulas have a daughter, Tanya, three years old.

Dr. and Mrs. Michael Gornish are the proud parents of a new little son, Shlomo Zev Gornish, born on August 10, 1975.

Dr. and Mrs. Javad Jamshidnejad had just arrived on the St. Louis Scene when they welcomed a new son, Ramin, born July 9, 1975.

Dr. and Mrs. Arthur J. Nussbaum announce the arrival of their new son and first child, Gregory Michael Nussbaum, born August 14, 1975.

Dr. and Mrs. Adel G. Mattar chose an “international” name for their second son, born August 18, 1975. “Pierre Adel G. Mattar” has an 11 month old brother, Luke.
Dr. & Mrs. Gene Davis had a gay whirl of sightseeing in colorful old Mexico, recreo en la playa at Acapulco, joyeria de plata en Taxco (the city of narrow streets and hillside dwellings which hasn't changed in 200 years), y corrida de toros y la piramide en Mexico City. (Which is to say, "they had a ball!!!")

Susan Ratliff, medical transcriptionist, and her family spent a two weeks vacation during July touring 2,997 miles of countryside through the southern states and Canada, enjoying swimming, golf, and tennis along the way.

World traveler Jackie Rudolph, medical transcriptionists' supervisor, and her twin sister, Joyce, enjoyed a breathtaking view of New England and Nova Scotia via a bus tour. The entire trip was idyllic except for Halifax (on the west coast of Nova Scotia) where they were caught in "Blanche", the first hurricane of the 1975 Atlantic season. The high winds and heavy rains tossed and swayed the 43 passenger bus "like it was a Volkswagen caught in the storm". Passengers were not injured, just "shaken up".

The Things We Did Last Summer

Jane Jones, receptionist, and nurse Rose Robinette went "blackberry pickin'!

During her vacation, Jean Blakemore, film librarian supervisor, visited her 101 year old grandmother in Carbondale, Illinois.

Sheila Doerrhoff, medical transcriptionist, and her husband, Joe, and children, followed the sun to the Bahamas, enjoying the sand and surf and night life of Paradise Island. Sheila reports her family delighted in the picturesque beaches and she had great fun shopping in the Nassau straw markets.

Labertha Frazier and Roberta Louis, film librarians, took a three day cruise through the Bahamas Islands, returning to St. Louis from Miami via Disney World, Orlando, Florida.

During the winter, Dr. Emily Smith took a basic sailing course to learn the "whys and wherefores" of sailing. In the summer, she applied what she learned to her AMF-Minifish and sailed Lake Carlyle in Illinois with the "greatest of ease."
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<tr>
<th>DATE</th>
<th>TOPIC</th>
<th>LECTURER</th>
<th>CLINICAL PRESENTATIONS</th>
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<tr>
<td>9/8/75</td>
<td>Scott Lecture</td>
<td>The Honorable Christopher S. Bond</td>
<td>No Second Session</td>
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<td>Governor, State of Missouri</td>
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<td>10/13/75</td>
<td>Pharmacological and Air Contrast Studies in the Gastrointestinal Tract</td>
<td>Dr. Roscoe E. Miller</td>
<td>Dr. Allen McCown</td>
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<td>Professor of Radiology</td>
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<td>Indiana University School of Medicine</td>
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<td>11/10/75</td>
<td>Newer Approaches in Ultrasound</td>
<td>Dr. Arch Templeton</td>
<td>Dr. Guillermo Geisse</td>
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<td>University of Kansas Medical Center</td>
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<td>12/8/75</td>
<td>Cervical Spine Injuries</td>
<td>Dr. Don C. Weir</td>
<td>Dr. Myo Kyaw</td>
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<td>1/12/76</td>
<td>New Techniques in Pediatric Radiology</td>
<td>Dr. Gary D. Shackelford</td>
<td>Dr. Armand Brodeur</td>
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<td>Assistant Professor of Radiology</td>
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<td>2/9/76</td>
<td>The Reliability of the Barium Enema Exam in Cancer of the Colon</td>
<td>Dr. Robert N. Cooley</td>
<td>Dr. John W. Fries</td>
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<td>St. Anthony's Hospital</td>
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<td>University of Texas – Galveston</td>
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<td>3/8/76</td>
<td>Diagnostic Aspects of Therapeutic Radiology</td>
<td>Dr. William E. Powers</td>
<td>Mallinckrodt Institute</td>
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<td>Dr. Carlos A. Perez</td>
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<td>4/12/75</td>
<td>Pulmonary Embolism</td>
<td>Dr. Richard H. Greenspan</td>
<td>Dr. John V. Forrest</td>
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<td>Dr. Stuart S. Sagel</td>
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<td>5/10/76</td>
<td>Angiography</td>
<td>St. Louis Angiography Club</td>
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CALENDAR OF EVENTS

September 18, 1975
4th DISTRICT M.S.R.T. MEETING

September 25-27, 1975
MISSOURI SOCIETY OF RADIOLOGICAL TECHNOLOGISTS
Ramada Inn, Fenton, Missouri

September 30-October 3, 1975
AMERICAN ROENTGEN RAY SOCIETY
Atlanta, Georgia

October 8-12, 1975
AMERICAN SOCIETY OF THERAPEUTIC RADIOLOGISTS
San Francisco, California

October 13, 1975
CITY-WIDE RADIOLOGY CONFERENCE
Scarpellino Auditorium, Mallinckrodt Institute, 5:30 P.M.

October 16, 1975
4th DISTRICT M.S.R.T. MEETING

November 10, 1975
CITY-WIDE RADIOLOGY CONFERENCE
Scarpellino Auditorium, Mallinckrodt Institute, 5:30 P.M.

November 20, 1975
4th DISTRICT M.S.R.T. MEETING

November 30-December 5, 1975
RADIOLOGICAL SOCIETY OF NORTH AMERICA
Chicago, Illinois

November 30-December 5, 1975
AMERICAN MEDICAL ASSOCIATION
Honolulu, Hawaii

December 8, 1975
CITY-WIDE RADIOLOGY CONFERENCE
Scarpellino Auditorium, Mallinckrodt Institute, 5:30 P.M.