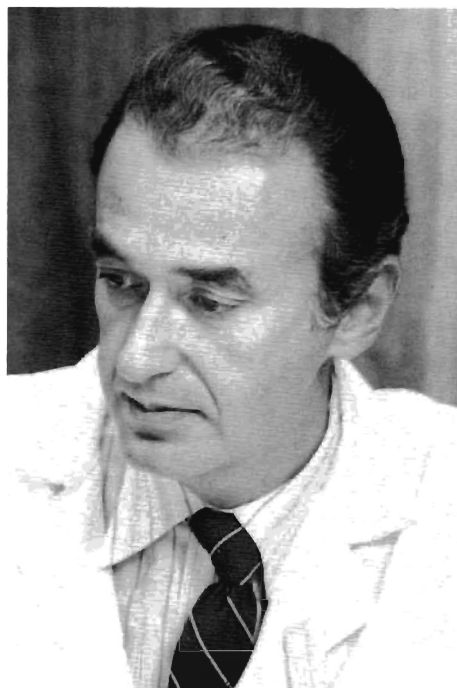

A Look Toward the Future

Stanley Baum



Stanley Baum, 1975

In July of 1975, Dr. Stanley Baum, a pioneer in vascular radiology, was appointed Professor and Chairman of the Department of Radiology. Because of ill health, Dr. Richard H. Chamberlain retired from the administrative duties of the Department of Radiology, but he remained Professor until his untimely death in December of the same year.

It was Dr. Baum's view that the specialty of radiation therapy had progressed to the point where it should stand as a separate department within the School of Medicine and hospital, and at

his request the University Provost, Dean of the School of Medicine, and University Long-Range Planning Committee agreed to establish an independent department. A search committee was organized to find someone to head this department, and in July, 1977 Dr. Robert L. Goodman came to Pennsylvania to head the new Department of Radiation Therapy.

Under Dr. Baum's direction the Department of Radiology was divided into diagnostic radiology and nuclear medicine. Diagnostic radiology in turn was sectionalized into Angiography, Computerized Tomography/Ultrasound, Gastrointestinal, Genitourinary, Neuroradiology, Orthopedic, Out Patient, Pulmonary, and Radiological Physics. Each section was staffed with radiologists whose major academic interests were in these specific areas. Radiology at Pennsylvania had made giant advances since Charles Lester Leonard's one room operation, and it would continue to lead its field in the years to come.



William H. Donner Center for Radiology



*Reception area of the Eugene P. Pendergrass Outpatient Clinic at the
Radiology Department*

Appendix



EXPLANATORY NOTE: The compilation of a comprehensive personnel listing for the Department of Radiology is not possible because records are not available for the period when the operation was independent from the hospital. Moreover, semantic differences with respect to titles appear regularly throughout the available records.

The *Annual Reports of the Board of Managers*, and subsequent hospital *Annual Reports*, were chosen as the source for this appendix because they cover the entire period from 1899 to 1973. There are, however, omissions and difficulties even with these records. Their personnel lists include only those individuals working at University Hospital. The names of persons working at other institutions, with appointments in the School of Medicine, do not appear. Nurses, technicians, and other auxiliary staff members are not included after 1941. The years cited refer to the date of the report; the hospital's fiscal year ended variously in May, June, August, and December during this period. Such dating is particularly frustrating when an appointment made in July does not appear until the report of the following spring. Perhaps the greatest weakness, however, is the closing date of 1973: no comparable sources exist for the period 1973 to date to permit the inclusion of additional names, nor the updating of titles.

Care should be taken not to use this appendix as an absolute reference to date departmental activities. Even with its problems, however, it will be useful for quick reference.

Personnel in the Department of Radiology, Hospital of the University of Pennsylvania, 1899–1973, as listed in the *Annual Report of the Board of Managers* (1899–1963) and *Annual Report* (1964–1973).

Abercrombie, Eugene M.D.—
Roentgenologic Interne

1924–25
Acinapura, Yolanda—Therapy

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- Technician 1936-37;
Diagnostic Technician
1938-39
- Ackerman, Joseph L. M.D.—
Resident 1955
- Alavi, Abass M.D.—Resident
1972-73
- Alexander, Fay Knight M.D.—
Fellow in Radiology (Resident)
1931-32; Fellow in Radiology
1933-35
- Allen, Kenneth A. M.D.—
Roentgenologic Interne 1925
- Allen, M. Lowry M.D.—Fellow
in Radiology 1932-33
- Allen, William R. M.D.—
Resident 1948
- Andrews, J. Robert M.D.—
Resident in Radiology 1934-35
- Arger, Peter H. M.D.—Associate
in Radiology 1970-73
- Asmino, M. M.D.—Resident
1956; House Staff 1957-58
- Atkins, Harold L. M.D.—
Resident 1954; Heublein
Fellow 1955; American Cancer
Society (National
Organization) Fellow 1956
- Ayella, Robert J. M.D.—Resident
1950-51
- Barcena-Jannet, Roberto M.D.—
Resident 1970-73
- Barden, Robert P. M.D.—
Resident in Radiology 1936;
Fellow in Radiology and
Assistant Instructor 1937-38;
Associate in Radiology
1942-49; Visiting Radiologist
1962-73
- Barden, Stuart P. M.D.—
Resident in Radiology
1942-44
- Barnes, Maurine Reed M.D.—
Associate in Radiology
1964-69
- Bartlett, Clara R.N.—Nurse and
Technician 1925-28; Nurse
Technician 1929
- Bassols, Francisco M.D.—
Resident 1945
- Bavendam, Frederick A. M.D.—
Resident 1946
- Baxter, Thomas F. M.D.—
Roentgenologic Interne 1924
- Bearor, Robert A. M.D.—House
Staff 1961-62; Trainee,
National Cancer Institute
1961-62; American Cancer
Society (National
Organization) Fellow 1962
- Becker, Joseph M. M.D.—
Resident 1972-73
- Benson, John M. M.D.—
Resident 1972-73
- Berger, Raymond A. M.D.—
Fellow in Radiology
1935-36
- Berry, Harrison M. D.D.S.—
Associate, Dental
Roentgenology 1964-73
- Bilaniuk, Larissa T. M.D.—
Resident 1967-71; Associate in
Radiology 1972-73
- Billiet, Ignace M.D.—
Departmental Resident 1964
- Bledsoe, Theodore R. M.D.—
House Staff 1962; American
Cancer Society (Philadelphia
Division) Fellow 1962;
Departmental Resident
1964-65
- Bloch, Peter Ph.D.—Radiological
Physicist 1969-73
- Blount, Henry C. M.D.—
Resident 1950; DuPont Fellow
1951-52; Resident 1953
- Bluth, Edward I. M.D.—Resident
1972-73
- Booth, Robert E. M.D.—
Resident 1945-46

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- Borns, Patricia M.D.—DuPont Fellow 1953; American Cancer Society (Philadelphia Division) Fellow 1954; DuPont Fellow 1955
- Boudreau, Robert P. M.D.—Resident 1951; American Cancer Society (Philadelphia Division) Fellow 1952; Damon Runyon Fellow (American Cancer Society) 1953; Trainee, National Cancer Institute 1954
- Boyer, John L. M.D.—Resident 1945–46
- Brackin, John T. Jr. M.D.—Resident and Assistant Instructor in Radiology 1939; Fellow and Assistant Instructor 1940–41
- Brady, Luther W. Jr. M.D.—Trainee, National Cancer Institute 1956–57; Associate in Radiology 1957–59
- Brennan, James T. M.D.—Associate in Radiology 1967–73
- Brindle, Harry R. M.D.—Fellow in Radiology 1937
- Briney, Allan K. M.D.—Resident 1949; Trainee, National Cancer Institute 1950–52
- Brooks, Frank P. M.D.—Resident 1945–46
- Brown, George H. M.D.—Resident and Assistant Instructor in Radiology 1940; Fellow and Assistant Instructor 1941; Fellow 1942; Resident 1943
- Burt, Robert W. M.D.—Resident 1970–73
- Bustamente, José P. M.D.—Resident 1969–71
- Butler, Horace G. M.D.—Resident 1948–49; DuPont Fellow 1950; Pennsylvania Manufacturers Association Fellow 1950; Visiting Radiologist 1960–64
- Byrne, Robert N. M.D.—Resident 1949
- Campbell, Robert E. M.D.—House Staff 1959–61; Pennsylvania Manufacturers Association Fellow 1960; American Cancer Society (National Organization) Fellow 1961–62; Associate in Radiology 1962
- Campoy, Francisco M.D.—Resident 1950; American Cancer Society (Philadelphia Division) Fellow 1951; Heublein Fellow 1952; Resident 1953
- Card, Richard Y. M.D.—Resident 1956
- Carrasco, Cesar M.D.—House Staff 1960–61
- Casselman, Edward S. M.D.—Resident 1972–73
- Chait, Arnold M.D.—Associate in Radiology 1970–73
- Chamberlain, George W. M.D.—Fellow in Radiology 1935; Associate in Radiology 1936; Associate in Radiology and Instructor in Radiology 1937–41
- Chamberlain, Richard H. M.D.—Resident and Assistant Instructor 1941; Fellow 1942; Resident, 1943; Associate in Radiology 1946–52; Therapeutic Division: Professor of Radiology 1953–61; Assistant Director of the Donner Center 1959–61; Chairman and Director of the Donner Center 1962–73

- Chandler, Dick E. M.D.—House Staff 1957 1964–66; Visiting Radiologist 1972–73
- Chavez, Ignacio M.D.—Resident 1956; House Staff 1957; Pennsylvania Manufacturers Association Fellow 1958 Davis, Dorothy W. R.N.—Nurse and Technician 1926–31; Technician 1932–35; Diagnostic Technician 1936–41
- Chen, James T. M.D.—House Staff 1957 and 1961–62; Department of Radiology Fund Fellow 1961–62 Davis, Lawrence W. M.D.—Departmental Resident 1964–66; Associate in Radiology 1968–73
- Chiappori, Miguel M.D.—House Staff 1958–61; DuPont Fellow 1960; Heublein Fellow 1961 Deak, Olga R.N.—Nurse Technician 1930–31
- Chon, Hikon M.D.—Resident 1969–71; Associate in Radiology 1972–73 de LaFlor, Jorge M.D.—Resident 1948–49
- Citro, Lawrence A. M.D.—Resident 1971–73 de Moor, Jacques M.D.—Heublein Fellow 1953–54; DuPont Fellow 1954; Heublein Fellow 1955
- Cocke, John A. M.D.—Resident 1946–47; Trainee, National Cancer Institute 1948 Dennis, John M. M.D.—Heublein Fellow 1951–52
- Cohoon, Carl W. M.D.—Roentgenologic Resident Physician 1928; Resident Physician 1929 DePoto, Donald W. M.D.—Resident 1967–71
- Conway, James J. M.D.—Departmental Resident 1965–69 Devenney, John E. M.D.—Resident 1972–73
- Corkle, Robert F. M.D.—Resident 1950–51 Devitt, William M.D.—Assistant in X-Ray Department 1909–10
- Crow, Harte C. M.D.—Departmental Resident 1964–66 and 1968; Associate in Radiology 1969–73 DeYoung, Edward M. M.D.—Resident 1947; Associate in Radiology 1962–73
- Cynn, Won S. M.D.—Associate in Radiology 1972–73 Doyle, A. S. M.D.—Assistant Roentgenologist 1916–22
- Dann, Robert H. Jr. M.D.—Departmental Resident 1966 and 1969–70; Associate in Radiology 1971–73 Dziamski, Marian M.D.—House Staff 1962
- Daryavaz, Ismet M.D.—Resident 1967–69 Eaton, Walter L. Jr. M.D.—House Staff 1961–62; Trainee, National Cancer Institute 1962; Pennsylvania Manufacturers Association Fellow 1962; Departmental Resident 1964; Associate in Radiology 1967–73
- Daughtridge, T. Griffin M.D.—Associate in Radiology Eby, Charles E. M.D.—Resident

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- 1952; Trainee, National Cancer Institute 1953
- Echeverri, Alvaro F. M.D.—House Staff 1960
- Edeiken, Jack M.D.—Resident 1949; Trainee, National Cancer Institute 1950–51; Resident 1952; Associate in Radiology 1954–58
- Ennis, LeRoy M. D.D.S.—Consultant Dental Radiologist 1943–49
- Ernst, Richard E. M.D.—Resident 1955; Heublein Fellow 1956; Trainee, National Cancer Institute 1957; Pennsylvania Manufacturers Association Fellow 1957
- Essinger, Axel R. M.D.—House Staff 1962; Heublein Fellow 1962
- Eyler, Paul W. M.D.—Resident 1947; Trainee, National Cancer Institute 1948; Resident 1949; Associate in Radiology 1950–51
- Eymontt, Michael J. M.D.—Resident 1971; Associate in Radiology 1972–73
- Factor, Donald E. M.D.—Resident 1969–73
- Farley, Hal D. M.D.—Departmental Resident 1964–65
- Farrell, Corinne M.D.—House Staff 1961–62; Trainee, National Cancer Institute 1962; Departmental Resident 1964
- Fencel, Richard M. M.D.—House Staff 1962; Trainee, National Cancer Institute 1962; Resident 1965–66; Associate in Radiology 1967
- Fenton, Craig A. M.D.—Resident 1972–73
- Finkelstein, Arthur K. M.D.—Visiting Radiologist 1966–71; Associate in Radiology 1972–73
- Finkelstein, Leah Shore M.D.—Associate in Radiology 1972–73
- Fitz, Charles R. M.D.—Resident 1967–71
- Foley, Eugene F. M.D.—House Staff 1960–62; Trainee, National Cancer Institute 1961–62, Associate in Radiology 1964–65
- Forbes, Thomas W. M.D.—Resident 1972–73
- Forsted, David H. M.D.—Resident 1972–73
- Fortney, Jeanne—Technician 1935
- Fox, Henry J. M.D.—Resident 1954–55; Trainee, National Cancer Institute 1956
- Freed, John H. M.D.—Resident 1946–48; Associate in Radiology 1949–50
- Friedlander, Milton A. M.D.—House Staff 1961–62; Trainee, National Cancer Institute 1962; DuPont Fellow 1962; Departmental Resident 1964
- Friedman, Adele Kynette M.D.—Associate in Radiology 1957–73 (See KYNETTE)
- Garrahan, C. Justus, M.S.—Technician 1933–35; Physicist 1936–37
- George, David Ph.D.—Radiological Physicist 1969–73
- Gibbons, John F. M.D.—Resident 1950; Damon

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- Runyon Fellow (American Cancer Society) 1951-52; Resident 1953
- Godfrey, Ellwood W. M.D.—Resident and Assistant Instructor in Radiology 1939; Fellow and Assistant Instructor 1940-41; Fellow 1942; Resident 1943
- Goldmark, Peter C. Ph.D.—Visiting Professor of Medical Electronics 1951-62
- Gordon, Michael E. M.D.—Resident 1971-73
- Gorson, Robert O. M.S.—Physicist 1953-59
- Graham, Gladwyn D.D.S.—Consultant in Dental Radiology 1955-59
- Graves, A. Judson M.D.—Resident in Radiology 1938; Fellow and Assistant Instructor in Radiology 1939-40
- Grawl, Marian Rust—Technician 1934-35; Therapy Technician 1936-37
- Greaves, Harrison H. M.D.—Assistant in X-Ray Laboratory 1911; Assistant Roentgenologist 1912-15
- Greening, Roy R. M.D.—Resident 1949; Damon Runyon Fellow (American Cancer Society) 1950; Associate in Radiology 1951-58; School of Nursing Faculty 1958
- Grippe, William J. M.D.—Resident 1952; Trainee, National Cancer Institute 1953-54
- Gureghian, Patricia A. M.D.—Associate in Radiology 1972-73
- Hale, John Ph.D.—Radiologic Physicist 1950-73
- Hall, Wendell C. M.D.—Fellow in Radiology (Resident) 1933; Fellow in Radiology 1934-35
- Hansell, John R. M.D.—Associate in Radiology 1972-73
- Hansen, Alton S. M.D.—Resident 1946-47
- Harris, John Jr. M.D.—Visiting Radiologist 1959-61
- Harris, John H. M.D.—Fellow in Radiology 1934-35
- Harris, John H. M.D.—Resident 1955; Trainee, National Cancer Institute 1956-57
- Harrison, Frank S. M.D.—Resident 1966
- Hay, Percy D., Jr. M.D.—Roentgenologic Resident Physician 1928
- Hayes, David F. M.D.—Resident 1972-73
- Hayes, Thomas P. M.D.—Resident 1969-71
- Hepler, Thomas R. M.D.—Resident 1952; American Cancer Society (Philadelphia Division) Fellow 1953; Pennsylvania Manufacturers Association Fellow 1954
- Herasme, Victor M. M.D.—Resident 1972-73
- Heublein, Gilbert W. M.D.—Fellow in Radiology 1937; Fellow in Radiology and Assistant Instructor 1938-39
- Hillman, David C. M.D.—House Staff 1962; Trainee, National Cancer Institute 1962; Departmental Resident 1965-67
- Hirschfeld, Robert L. M.D.—Associate in Radiology 1965-66

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- Hodes, Philip J. M.D.—Fellow in Radiology 1934–35; Associate in Radiology 1936; Associate in Radiology and Instructor in Radiology 1937–41; Associate in Radiology 1942–52; Diagnostic Division: Professor of Radiology 1953–58
- Hoffert, Paul W. M.D.—Resident 1949
- Hope, John W. M.D.—Resident 1948–49; Trainee, National Cancer Institute 1950; Associate in Radiology 1951
- Houser, L. Murray M.D.—House Staff 1957; Trainee, National Cancer Institute 1958–60; Associate in Radiology 1961
- Huang, Shih-Chang M.D.—Resident 1950–52
- Isard, Harold J. M.D.—Visiting Staff 1950–51
- Jacobs, Robert M.D.—House Staff 1958–61; American Cancer Society (Philadelphia Division) Fellow 1959–60; Trainee, National Cancer Institute 1961
- Jamison, John H. M.D.—Resident in Radiology 1937; Fellow in Radiology and Assistant Instructor 1938–39
- Jamison, W. R. M.D.—Technician, Roentgenology 1924–29 (alternate spelling: JAMIESON)
- Jarvis, J. Luther M.D.—Resident 1951–52
- Jezic, Dragen V. M.D.—Departmental Resident 1965–68
- Johnson, Vincent C. M.D.—Fellow in Roentgenology (Resident) 1930; Fellow in Radiology 1931
- Jung, Walter K. M.D.—Resident 1970–73
- Kaplan, Carl M.D.—House Staff 1959–60; Trainee, National Cancer Institute 1960
- Katterjohn, James C. M.D.—Resident 1946–47; Trainee, National Cancer Institute 1948
- Keefer, George Pfahler M.D.—Resident and Assistant Instructor 1941; Fellow 1942; Resident 1943
- Kern, John D. M.D.—Departmental Resident 1965–68
- Kim, San Soo M.D.—Resident 1968–71
- King, Lois I. M.D.—DuPont Fellow 1952; Trainee, National Cancer Institute 1953
- Kirsh, David M.D.—Resident 1943–46
- Klempfner, George M.D.—Resident 1969–70
- Konn, Fayetta I. R.N.—Technician 1933–35; Diagnostic Technician 1936–38
- Kornblum, Karl M.D.—Assistant Chief of Clinic and Instructor in Surgery 1928–30; Instructor in Radiology 1931–34; Associate in Radiology 1943–44
- Kuhl, David E. M.D.—House Staff 1959–61; American Cancer Society Fellow 1960–61; Associate in Radiology 1962–73; School of Nursing Faculty 1962
- Kusner, David B.S.—Physicist 1958–61
- Ky, Le Dinh M.D.—Resident 1972–73

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- Kynette, L. Adele M.D.—
Resident 1952; Trainee,
National Cancer Institute
1953–55; Associate in
Radiology 1955–56 (see
FRIEDMAN)
- Lafferty, John O. M.D.—
Resident 1944 and 1947;
Trainee, National Cancer
Institute 1948, Resident 1949
- Lame, Edwin L. M.D.—Resident
1943–44; Associate in
Radiology 1945–47; Visiting
Radiologist 1966
- Laszlo, Arthur M. M.D.—
Resident 1970–73
- Lebo, Christine M. R.N.—Nurse
and Technician 1926–31;
Technician 1932–35; Therapy
Technician 1936–41
- Lenna, Babette H. M.D.—
Resident 1967–71
- Leonard, Charles L. M.D.—
Skiagrapher 1899–1901
- Limeaco, Vicente R. M.D.—
Resident 1968–70
- Lin, K. Y. M.D.—Resident 1948
- Lin, Shu-Ren M.D.—Associate
in Radiology 1972–73
- Linnemann, Roger E. M.D.—
Associate in Radiology
1972–73
- Littman, Philip M.D.—Resident
1972–73
- Lockwood, Robert M. M.D.—
Resident 1949
- Loigman, Barry I. M.D.—
Departmental Resident 1964
- Lloyd, Herbert M. M.D.—
Departmental Resident
1964–66; Associate in
Radiology 1967
- Lyon, James A. M.D.—Resident
1954; American Cancer Society
(Philadelphia Division) Fellow
1955; American Cancer Society
(National Organization) Fellow
1956
- McClenahan, John M.D.—
Visiting Radiologist
1959–69
- McLendon, Margaret—
Diagnostic Technician 1941
- Mahoney, J. Francis M.D.—
Resident in Radiology
1942–44; Associate in
Radiology 1945–46
- Malen, David S. M.D.—Resident
1947–49
- Maltais, Roger M.D.—House
Staff 1961; American Cancer
Society (Philadelphia Division)
Fellow 1961
- Manlio, Ferdinand L. D.O.—
Resident 1970–71
- Marciniak, Roman M.D.—House
Staff 1960–61
- Matasar, Kenneth W. M.D.—
Resident 1970–73
- Mendelsohn, Mortimer M.D.,
Ph.D.—Radiobiologist
1958–62; Associate in
Radiology 1964–73 (no
information available to
determine title during 1963)
- Miller, Alfred O. M.D.—
Resident 1946–48
- Miller, Garrett R. M.D.—Fellow
in Roentgenology 1930; Fellow
in Radiology 1931–32
- Miller, Harris P. M.D.—Resident
1972–73
- Miller, Marlyn W. M.D.—
Resident 1947 and 1949
- Miller, S. Thomas M.D.—Fellow in
Radiology 1942; Resident 1943
- Miller, Wallace T. M.D.—House
Staff 1958–60; Trainee,
National Cancer Institute
1959–60; Associate in

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- Radiology 1961 and 1964-73
(no information available to
determine status in 1963)
- Mishkin, Mark M. M.D.—House
Staff 1958-60; Trainee,
National Cancer Institute
1959-60; Associate in
Radiology 1961-73
- Moraes, Cassio R. M.D.—
Resident 1969-70
- Muir, Mark W. M.D.—Resident
1950-51
- Mulhern, Charles B. M.D.—
Resident 1972-73
- Munson, Frederick J. M.D.—
House Staff 1957; Trainee,
National Cancer Institute
1958-59; Visiting Radiologist
1960-61
- Murray, Anne C.—Technician
1933-35; Secretary 1936
- Nagle, Douglas B., Jr. M.D.—
Resident 1947-49; Heublein
Fellow 1950
- Nagle, Sara C. R.N.—Diagnostic
Technician 1936-41
- Nagle, Walter W. M.D.—
Resident 1951; DuPont Fellow
1953; Damon Runyon Fellow
(American Cancer Society)
1954; Trainee, National Cancer
Institute 1955
- Neil, William H. M.D.—Resident
1954; Pennsylvania
Manufacturers Association
Fellow 1955
- Nenninger, Robert H. M.D.—
Resident 1970-73
- Neuhauser, Edward B.D. M.D.—
Resident and Assistant
Instructor in Radiology 1940;
Fellow and Assistant Instructor
1941; Fellow 1942
- Newell, W. A. M.D.—Assistant
Roentgenologist 1917-21
- Noble, Paul R. M.D.—Resident
1947-49
- Noel, Alice B. R.N.—Nurse and
Technician 1925-26
- Oberkircher, Paul E. M.D.—
Associate in Radiology
1970-73
- O'Hara, A. Edward M.D.—
Resident 1950; DuPont Fellow
1951; Resident 1952,
Pennsylvania Manufacturers
Association Fellow 1954;
Trainee, National Cancer
Institute 1955
- O'Neill, Dallett B. M.S.—
Consultant Engineer 1940-41
- Osgood, Ellis C. M.D.—Resident
in Radiology 1942 and 1944
- Osmond, Leslie H. M.D.—Fellow
in Radiology 1933-34
- Owsley, William C. M.D.—
Resident 1950; Heublein
Fellow 1951; Trainee, National
Cancer Institute 1952
- Palmer, Philip E. S. M.B.B.S.—
Associate in Radiology
1970-71
- Pancoast, Henry K. M.D.—
Skiagrapher 1902-10; Professor
of Roentgenology 1911;
Roentgenologist and Professor
of Roentgenology 1912-23;
Chief of Roentgenology Clinic
1924-30; Professor of
Radiology 1931-39
- Patterson, Stuart D. M.D.—
Resident 1948
- Paysek, Edward J. M.D.—
Resident 1955; American
Cancer Society (Philadelphia
Division) Fellow 1956;
Trainee, National Cancer
Institute 1957
- Pendergrass, Eugene P. M.D.—
Assistant Roentgenologist

- 1920-23; Assistant Chief of Roentgenology Clinic 1924-27; Assistant Chief of Clinic and Associate in Roentgenology 1928-29; Assistant Chief of Clinic and Assistant Professor of Roentgenology 1930; Assistant Professor of Radiology 1931-36; Professor of Radiology 1937-38; Chief of Clinic 1939-61; Director of Donner Center 1959-61; Vice President of Diagnostic Clinic 1960; School of Nursing Faculty 1960; Emeritus Professor 1962 and 1964; Emeritus Chief and Matthew J. Wilson Professor in Research Radiology 1965-66; Emeritus Chief 1967-73
- Pendergrass, Henry P. M.D.—Resident 1954-56; Associate in Radiology 1957-58 and 1961; American Cancer Society (National Organization) Fellow 1957
- Perna, Francis M.D.—House Staff 1962
- Perritt, J. Olin, Jr. M.D.—Resident 1954; DuPont Fellow 1955; Trainee, National Cancer Institute 1956
- Perryman, Charles R. M.D.—Resident 1945; Associate in Radiology 1946-49
- Petrella, Edward J. M.D.—Resident 1972-73
- Phillips, John M. M.D.—Resident 1949; American Cancer Society (Philadelphia Division) Fellow 1950-51
- Pitol, Adan M.D.—Resident 1953; Heublein Fellow 1954; DuPont Fellow 1954
- Polutan, Rustico C. M.D.—Resident 1972-73
- Post, Lawrence A. M.D.—Resident 1954; Trainee, National Cancer Institute 1955-56
- Powell, Clinton C. M.D.—Resident 1953-54
- Press, Harry C. M.D.—Departmental Resident 1964-65
- Pryde, Arthur W. M.D.—Resident 1946-48
- Pryor, T. Hunter M.D.—DuPont Fellow 1957; Trainee, National Cancer Institute 1958-59; Associate in Radiology 1959
- Raphael, Robert L. M.D.—Resident 1950; Pennsylvania Manufacturers Association Fellow 1951-52
- Rathbone, Ralph Rhett, M.D.—Fellow in Radiology (Resident) 1932; Fellow in Radiology 1933
- Raventos, Antolin M.D.—Associate in Radiology 1954-70; School of Nursing Faculty 1958-61
- Reeves, John D. M.D.—Resident 1952-53
- Ripple, Richard C. M.D.—Resident 1947-49; Trainee, National Cancer Institute 1950, Resident 1951
- Ritchie, David M.D.—House Staff 1958-61; American Cancer Society Fellow 1959; Trainee, National Cancer Institute 1960; DuPont Fellow 1961
- Rittenberg, Gerald M. M.D.—Resident 1968-71
- Ritter, Vern W. M.D.—Resident 1947; Trainee, National Cancer Institute 1948; Resident 1949-50

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- Roberts, Agrippa G. M.D.—
Resident in Radiology 1942,
1944, 1946–47
- Rockoff, S. David M.D.—House
Staff 1959–61; Trainee,
National Cancer Institute
1959–61
- Rosenkrantz, Harvey M.D.—
Resident 1972–73
- Rothenberg, Howard P. M.D.—
Resident 1970–73
- Rozen, Jay I. M.D.—
Departmental Resident
1965–69
- Ryan, Richard R. M.D.—
Associate in Radiology
1968–69
- Salner, Nathan P. M.D.—
Resident 1945–46; Visiting
Staff 1950–52; Associate in
Radiology 1953–56; Visiting
Radiologist 1966–71
- Sanders, Theodore P. M.D.—
Departmental Resident
1964–66; Associate in
Radiology 1967–73
- Sathaphatayavongs, Boonchuey
M.D.—Resident 1970–73
- Schapiro, Rolf L. M.D.—
Resident 1966–69
- Schilling, Marie A. R.N.—Nurse
Technician 1929–30
- Scholl, Harvey W. M.D.—
Resident 1969–73
- Schor, George E. M.D.—Resident
1971–73
- Schreiber, Michael N. M.D.—
Resident 1971–73
- Schwade, James R. M.D.—
Resident 1972–73
- Schwartz, Armin M.D.—
Visiting Fellow in Radiology
1954
- Scott, John R. M.D.—Resident
1968–71
- Scott, Horace M.D.—House Staff
1959–61; Trainee, National
Cancer Institute 1960;
Pennsylvania Manufacturers
Association Fellow 1961
- Seal, Sam H. M.D.—Resident
1950–51
- Sedlak, Stephen P. M.D.—
Pennsylvania Manufacturers
Association Fellow 1953;
Trainee, National Cancer
Institute 1954
- Shah, Sudhir H. M.B., B.S.—
Resident 1968–69
- Shapeero, Lorraine G. M.D.—
Resident 1971–73
- Shiffer, Paul H. M.D.—Resident
1947; Visiting Radiologist
1959–64
- Shuman, Hind M.D.—House
Staff 1962; American Cancer
Society (National
Organization) Fellow 1962;
Departmental Resident 1964
- Siu, Marc K. P. M.D.—Resident
1949
- Smith, Hugh P. M.D.—Resident
1950–51
- Smyth, Murray G., Jr. M.D.—
Research Fellow in Isotopes
1954–55
- Somburanasin, Racha M.D.—
Resident 1970–71
- Stephenson, David J. M.D.—
Resident 1953–54; American
Cancer Society (Philadelphia
Division) Fellow 1955;
Pennsylvania Manufacturers
Association Fellow 1956
- Stolz, Jonathan L. M.D.—
Resident 1971–73
- Suh, Chul Sung M.D.—Resident
1956; Hueblein Fellow 1958
- Sullivan, Michael A. M.D.—
Resident 1966–69

APPENDIX

- Sundaravej, Kundala M.D.—
Heublein Fellow 1957–58
- Talley, Dannel D. III M.D.—
Resident 1949; DuPont Fellow
1950; Pennsylvania
Manufacturers Association
Fellow 1950–51
- Thomas, Sydney F. M.D.—
Associate in Radiology 1962
- Thorner, Rosalind S. M.D.—
Fellow in Radiology 1938;
Assistant Instructor in
Radiology 1939–40
- Thorwarth, William T. M.D.—
Resident 1955; DuPont Fellow
1956; Trainee, National Cancer
Institute 1957; Visiting
Radiologist 1965–73
- Timmermans, Winand M.D.—
House Staff 1960–61
- Tomsula, Joseph P. M.D.—
Resident 1947; Trainee,
National Cancer Institute
1948
- Tondreau, Roderick L. M.D.—
Associate in Radiology
1952–58
- Toth, Steven M.D.—House Staff
1962; University of
Pennsylvania Radiology Fund
Fellow 1962; Departmental
Resident 1964; Associate in
Radiology 1966–67
- Townsend, DeWayne M.D.—
Resident 1944
- Tristan, Theodore A. M.D.—
Resident 1954; American
Cancer Society (New York
Division) Fellow 1955;
American Cancer Society
(National Organization) Fellow
1956; Associate in Radiology
1960–66
- Tuddenham, William J. M.D.—
Resident 1952; A. Atwater
Kent Fellow 1953; Trainee,
National Cancer Institute
1954–55; Associate in
Radiology 1955–58 and 1962;
Pennsylvania Manufacturers
Association Fellow 1955; James
Picker Scholar in Radiologic
Research 1957; Diagnostic
Division and Associate
Professor Radiology 1959–61;
Assistant Director of Donner
Center 1959–61; Visiting
Radiologist 1966–73
- Urso, May G. M.D.—Resident
1970
- Van der Walt, Marthinus J.
M.D.—Resident 1952;
Heublein Fellow 1953
- Viamonte, Manuel, Jr. M.D.—
House Staff 1957; American
Cancer Society (National
Organization) Fellow 1958
- Warden, John S. M.D.—Resident
1956; Trainee, National Cancer
Institute 1957–58;
Pennsylvania Manufacturers
Association Fellow 1957
- Warren, S. Reid, Jr. Sc.D.—
Consultant Engineer 1940–41;
Consultant Physicist 1943–73
- Wartella, Stephen, Jr. M.D.—
Resident 1953–55
- Wehl, Charles M. M.S.—
Consultant Engineer 1940–41
- Weigen, John F. M.D.—Resident
1949; Trainee, National Cancer
Institute 1950–52
- Weigensberg, Irving M.D.—
House Staff 1961–62; Trainee,
National Cancer Institute
1962; Departmental Resident
1964
- Wendle, Lida V. R.N.—
Diagnostic Technician 1937–39
- White, Francis A. M.D.—

APPENDIX

- Resident 1956; American Cancer Society (National Organization) Fellow 1957; Trainee, National Cancer Institute 1958; DuPont Fellow 1958
- White, Lucy G. R.N.—Nurse Technician 1929–30
- Williams, Burton L. M.D.—Associate in Radiology 1969–73
- Wilson, Richard V. M.D.—Resident 1951; Trainee, National Cancer Institute 1952–53
- Winston, Joseph P. M.D.—House Staff 1958–60; American Cancer Society Fellow 1959–60; School of Nursing Faculty 1959 and 1961; Associate in Radiology 1961; Visiting Radiologist 1962–71
- Winston, Norman J. M.D.—Resident 1951; Trainee, National Cancer Institute 1952
- Wise, Helen A. R.N.—Roentgenology, Nurse in Charge 1924; Nurse and Technician 1925–26
- Wolfman, Harvey T. M.D.—Resident 1971–73
- Woods, Ruth Riegel R.N.—Nurse Technician 1931; Technician 1932–33
- Yood, Norman L. M.D.—Resident 1954
- Zarembok, Irwin M.D.—Resident 1970, 1972–73
- Zatz, Leslie M. M.D.—Resident 1956; American Cancer Society (National Organization) Fellow 1957; House Staff 1958
- Zeiger, Louis S. M.D.—Resident 1971
- Zimmerman, Norval F. M.D.—Resident 1949; Heublein Fellow 1950–51; Pennsylvania Manufacturers Association Fellow 1952
- Zimmerman, Robert A. M.D.—Resident 1966–69; Associate in Radiology 1972–73
- Zirkle, Raymond E. A.B., Ph.D.—Consultant Bio-Physicist 1938–39

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- . Department of Radiology. Hospital of the University of Pennsylvania. *Records and Registers*. Donner Center.
- . Department of Radiology. Hospital of the University of Pennsylvania. *Records and Registers*. Miscellaneous Papers.

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- . Department of Radiology. Hospital of the University of Pennsylvania. Research Files. Donner Center and Foundation.
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Full-Time Faculty, 1981

Department of Radiology

Hospital of the University of Pennsylvania

ADMINISTRATION

Stanley Baum, M.D., Eugene P. Pendergrass Professor of Radiology,
Chairman
Wallace T. Miller, M.D., Professor of Radiology, Vice Chairman
Ronald L. Arenson, M.D., Associate Professor of Radiology, Director of
Administrative Services

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GI SECTION	Hans Herlinger, M.D., Professor of Radiology Herbert Y. Kressel, M.D., Associate Professor of Radiology Igor Laufer, M.D., Professor of Radiology (Chief)

FULL-TIME FACULTY

GU SECTION	Marc P. Banner, M.D., Associate Professor of Radiology Howard M. Pollack, M.D., Professor of Radiology (Chief)
OUT PATIENT	Adele K. Friedman, M.D., Associate Professor of Radiology (Chief) Rosalind H. Troupin, M.D., Professor of Radiology
NEURO-RADIOLOGY	Larissa T. Bilaniuk, M.D., Associate Professor of Radiology Herbert I. Goldberg, M.D., Professor of Radiology Robert I. Grossman, M.D., Assistant Professor of Radiology Robert A. Zimmerman, M.D., Professor of Radiology (Chief)
NUCLEAR MEDICINE	Abass Alavi, M.D., Associate Professor of Radiology (Chief) Michael J. Eymontt, M.D., Assistant Professor of Radiology P. Todd Makler, Jr., M.D., Assistant Professor of Radiology Gerd Muehllehner, Ph.D., Associate Professor of Radiology Muni M. Staum, Ph.D., Research Specialist
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VA-DIAGNOSTIC	Vijay K. Gohel, M.D., Associate Professor of Radiology (Chief) David M. Rogovitz, M.D., Assistant Professor of Radiology Jay S. Rosenblum, M.D., Assistant Professor of Radiology Arlyne T. Shockman, M.D., Associate Professor of Radiology

FULL-TIME FACULTY

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	Warren B. Gefter, M.D., Assistant Professor of Radiology
	Wallace T. Miller, M.D., Professor of Radiology (Chief)
US/CT	Ronald L. Arenson, M.D., Associate Professor of Radiology
	Peter H. Arger, M.D., Professor of Radiology (Chief)
	Leon Axel, Ph.D., M.D., Assistant Professor of Radiology
	Richard L. Baron, M.D., Assistant Professor of Radiology
	Beverly G. Coleman, M.D., Assistant Professor of Radiology
RESEARCH	Gabor T. Herman, Ph.D., Professor of Radiology
	Harold L. Kundel, M.D., Professor of Radiology (Chief)
	Robert LeVeen, M.D., Assistant Professor of Radiology
	Robert M. Lewitt, Ph.D., Research Assistant Professor of Radiology
	Heang Kim Tuy, Ph.D., Research Assistant Professor of Radiology
	Jack W. London, Ph.D., Assistant Professor of Radiology
VA-NUCLEAR MEDICINE	Harold A. Goldstein, M.D., Assistant Professor of Radiology
	John R. Hansell, M.D., Associate Professor of Radiology (Chief)
RADIO- LOGICAL PHYSICS	John Hale, Ph.D., Professor of Radiology