A Look Toward the Future

Stanley Baum

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.


Abercrombie, Eugene M.D.—Roentgenologic Interne 1924–25
Acinapura, Yolanda—Therapy
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


Arger, Peter H. M.D.—Associate in Radiology 1970–73

Asimino, 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

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


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.—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

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

Godfrey, Ellwood W. M.D.—Resident and Assistant Instructor in Radiology 1939; Fellow and Assistant Instructor 1940–41; Fellow 1942; Resident 1943

Gorson, Robert O. M.S.—Physicist 1953–59


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

Harrison, Frank S. M.D.—Resident 1966

Hay, Percy D., Jr. M.D.—Roentgenologic Resident Physician 1928

Herasme, Victor M. M.D.—Resident 1952; American Cancer Society (Philadelphia Division) Fellow 1953; Pennsylvania Manufacturers Association Fellow 1954

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


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

Keever, 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 L. 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

Limeaoco, 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


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
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, Dallet 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
Pancost, 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


Perna, Francis M.D.—House Staff 1962


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
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
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
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Sundaravej, Kundala M.D.—Heublein Fellow 1957-58
Talley, Danniel 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.—
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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
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


Association of Pendergrass Fellows. *Grassroots, the Official Organ of the Association of Pendergrass Fellows.* Philadelphia.


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Department of Radiology Staff Technicians and Secretaries, Hospital of the University of Pennsylvania. *Meeting Minutes,* February, 1951 through May, 1956.


Fuchs, Arthur W. “Radiographic Recording Media and Screens.” In *The
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