
BIOGRAPHICAL SKETCH

NAME Robert W. Gayler, M.D.	POSITION TITLE Professor		
<i>EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Duke University, Durham, NC	B. A.	1959	Chemistry
University of Florida College of Medicine Gainesville, FL	M.D.	1963	Medicine

A. Honors and Positions

1963 - 65 Internship in Medicine and Pediatrics at North Carolina Memorial Hospital, Chapel Hill
 1965 - 68 Residency in Diagnostic Radiology at The Johns Hopkins Hospital
 1968 - 70 U.S. Public Health Service in Staten Island, New York
 1970 - 73 Assistant Professor at Johns Hopkins
 1973 - Associate Professor at Johns Hopkins

Administrative activities:

1979 Interim Chairman at Baltimore City Hospital Department of Radiology
 1980 - Deputy Director of the Department of Radiology at Johns Hopkins from,
 1998 - 91 Chairman of the Imaging Department at Johns Hopkins Bayview Medical Center
 1/02 - 6/02 Interim Chairman at Howard County General Hospital Imaging Department
 11/02 - Interim Chairman of the Department of Radiology

Board of Directors of the Maryland Radiological Society for 25 years

Councilor from Maryland to the American College of Radiology for five years, Alternate Councilor on other occasions

Board of Directors of the Baltimore City Medical Society

Association of University Radiologists, (AMA CPT Advisory Committee for Radiology)

B. Publications

Ackerman SJ, Gitlin JN, Gayler RW, Flagle CD, Bryan RN. Receiver operating characteristic analysis of fracture and pneumonia detection: comparison of laser-digitized workstation images and conventional analog radiographs. *Radiology* 1993 Jan;186(1):263-8.

Beck TJ, Gayler BW. Image quality and radiation levels in videofluoroscopy for swallowing studies: a review *Dysphagia*. 1990;5(3):118-28.

Berkowitz JE, Gatewood OM, Goldblum LE, Gayler BW. Hormonal replacement therapy: mammographic manifestations. *Radiology*. 1990 Jan;174(1):199-201.

Berkowitz JE, Gatewood OM, Gayler BW. Equivocal mammographic findings: evaluation with spot compression. *Radiology*. 1989 May;171(2):369-71.

Soulen MC, Zerhouni EA, Fishman EK, Gayler BW, Milligan F, Siegelman SS. Enlargement of the pancreatic head in patients with pancreas divisum. *Clin Imaging*. 1989 Mar;13(1):51-7.

Zinreich SJ, Kennedy DW, Rosenbaum AE, Gayler BW, Kumar AJ, Stammberger H. aranasal sinuses: CT imaging requirements for endoscopic surgery. *Radiology*. 1987 Jun;163(3):769-75.

Berkowitz JE, Gatewood OM, Donovan GB, Gayler BW. Dermal breast calcifications: localization with template-guided placement of skin marker. *Radiology*. 1987 Apr;163(1):282.

Yousem DM, Scatarige JC, Gayler BW, Siegelman SS. CT demonstration of postanginal sepsis. *J Otolaryngol*. 1985 Oct;14(5):333-5.

Fishman EK, Gayler BW, Magid D, Siegelman SS. External jugular vein thrombosis: CT demonstration. *J Comput Assist Tomogr*. 1985 May-Jun;9(3):580-1.

Gayler BW, Kashima HK, Martinez CR. Computed tomography of the neck. *Crit Rev Diagn Imaging*. 1985;23(4):319-76. Review.

Fishman EK, Pakter RL, Gayler BW, Wheeler PS, Siegelman SS. Jugular venous thrombosis: diagnosis by computed tomography. *J Comput Assist Tomogr*. 1984 Oct;8(5):963-8.

Cameron JL, Gayler BW, Sanfey H, Milligan F, Kaufman S, Maddrey WC, Herlong HF. Sclerosing cholangitis. Anatomical distribution of obstructive lesions. *Ann Surg*. 1984 Jul;200(1):54-60.

Fishman EK, Gayler BW, Kashima HK, Harris AE, Siegelman SS. Computed tomography in the evaluation of cervical thorotrast granuloma. *J Comput Assist Tomogr*. 1984 Apr;8(2):224-8.

Martinez R, Kashima K, Gayler BW, Altman J, Harris A. High resolution computed tomography of the parotid gland. *Rev Laryngol Otol Rhinol (Bord)*. 1984;105(1):9-12.

Curtis DJ, Gayler BW, Gitlin JN, Harrington MB. Teleradiology: results of a field trial. *Radiology*. 1983 Nov;149(2):415-8.

Cameron JL, Gayler BW, Herlong HF, Maddrey WC. Sclerosing cholangitis: biliary reconstruction with Silastic transhepatic stents. *Surgery*. 1983 Aug;94(2):324-30.

Martinez CR, Kashima H, Gayler BW, Siegelman SS. Computed tomography of the neck. *Ann Otol Rhinol Laryngol Suppl*. 1982 Nov-Dec;99:1-31.

Ellenbogen KA, Cameron JL, Cocco AE, Gayler BW, Hutcheon DF. Fistulous communication of a pseudocyst with the common bile duct: demonstration by endoscopic retrograde cholangiopancreatography. *Johns Hopkins Med J*. 1981 Sep;149(3):110-1.

Gayler BW, Gitlin JN, Rappaport W, Skinner FL, Cerva J. Teleradiology: an evaluation of a microcomputer-based system. *Radiology*. 1981 Aug;140(2):355-60.

Martinez CR, Hemphill JM, Hodges FJ 3rd, Gayler BW, Nager GT, Long DM, Freeman JM. Basioccipital meningocele. *AJNR Am J Neuroradiol*. 1981 Jan-Feb;2(1):100-2.

Gayler BW. Head and neck neoplasms: roetgenographic examination. *Ear Nose Throat J*. 1979 Feb;58(2):65-8.

Cameron JL, Gayler BW, Zuidema GD. The use of silastic transhepatic stents in benign and malignant biliary strictures. *Ann Surg*. 1978 Oct;188(4):552-61.

Cameron JL, Gayler BW, Harrington DP. Modification of the Longmire procedure. *Ann Surg*. 1978 Apr;187(4):379-82.

Won KH, Gayler BW, Shimizu H. Genetic hearing loss with preauricular sinus and branchiogenic fistula. *Arch Otolaryngol*. 1977 Nov;103(11):676-80.

Bahr AL, Gayler BW. Cranial chondrosarcomas. Report of four cases and review of the literature. *Radiology*. 1977 Jul;124(1):151-6.

Cameron JL, Gayler BW, Hendrix TR. The use of intramuscular propantheline in the short bowel syndrome. *Johns Hopkins Med J.* 1976 Mar;138(3):91-5.

Morgan RH, Donner MW, Gayler BW, Margulies SI, Rao PS, Wheeler PS. Decision processes and observer error in the diagnosis of pneumoconiosis by chest roentgenography. *Am J Roentgenol Radium Ther Nucl Med.* 1973 Apr;117(4):757-64.

Coburn WM Jr, Dana ER, Gayler BW. Subphrenic esophageal diverticulum: a case studied by cine-manometry. *Johns Hopkins Med J.* 1971 Jan;128(1):41-4.

Gayler BW, Donner MW. Radiographic changes of the ribs. *Am J Med Sci.* 1967 May;253(5):586-619. Review.

Haslam RH, Gayler BW, Ebert PA. Multiseptate gallbladder. A cause of recurrent abdominal pain in childhood. *Am J Dis Child.* 1966 Dec;112(6):600-3.

Gayler BW, Brogdon BG. Soft tissue calcifications in the extremities in the systemic disease *Am J Med Sci.* 1965 May;249:590-605.

Gayler BW, Fried M. Chromosome number and morphology in Hurler's syndrome. *Am J Clin Pathol.* 1962 Dec;38:590-5.

Ackerman SJ, Gitlin JN, Gayler RW, Flagle CD, Bryan RN. Receiver operating characteristic analysis of fracture and pneumonia detection: comparison of laser-digitized workstation images and conventional analog radiographs. *Radiology.* 1993 Jan;186(1):263-8.

Jafek BW, Nager GT, Strife J, Gayler RW. Congenital aural atresia: an analysis of 311 cases. *Trans Am Acad Ophthalmol Otolaryngol.* 1975 Nov-Dec;80(6):588-95.

Osterman FA, Zeman GH, Rao GUV, Gayler B, Kirk BG, James AE. Negative mode soft tissue xeroradiography. *Radiology.* 1977 124(3) 689-694.

Gayler BW. Roentgenographic examination. *Ear Nose Throat.* 1979 58(2) 65-68.

Milligan FD, Gayler BW, Saba GP, Volpicelli NA, Maddrey WC. Usefulness of endoscopic retrograde cholangiopancreatography (ERCP) in evaluation of primary biliary-cirrhosis. *Gastroenterology* 1976 70(7) 987.