

Philadelphia, Pennsylvania

Fellowship
1964-65 Research in Liver Disease
Hospital Enfermedades de la
Nutrition Mexico City

1969-1971 Nuclear
Medicine Baylor College of
Medicine Houston, Texas.

Professional and Academic Experience

1966-1967	General Medicine
1968-1972	Instructor, Department of Physiology University of Mexico (UNAM)
1972-1974	Assistant professor Radiology, Nuclear Medicine Department Baylor College of Medicine Houston, Texas.
1972-1974	Clinical Director of Nuclear Medicine. Saint Luke's Episcopal and Texas Children Hospital Houston, Texas
1971-1974	Associate Consultant of Nuclear Medicine Ben Taub General Hospital Houston, Texas.
1976-1986	Associate Member Teaching Program, School of nuclear medicine Technology. Houston Community College Houston, Texas
1976-1980	Medical Advisory Board, International Osteoporosis Foundation, Houston, Texas
1974-1985	Director and Chief of Service, Nuclear Medicine Doctors Center Hospital Houston, Texas.
1975-1992	Medical Director, Nuclear Medicine Del Oro Medical Center Hospital Houston, Texas.
1975-1978	Chairman, Human Investigational Committee Del Oro Medical Center Hospital Houston, Texas

1975-1979	Member, Credentials Committee Texas Association of Physicians in Nuclear Medicine
1979-1980	Secretary and treasure Texas Association of Physicians in Nuclear Medicine
1974-1994	Executive Director, Houston Imaging Center Houston, Texas.
1980-1982	Credentials Committee Member American College of Nuclear Medicine
1998-to Date	Executive Director, Houston Medical Imaging Houston, Texas.
1976-1980	Clinical Assistant professor, Department of Medicine Baylor College of Medicine. Houston, Texas.
1999 -2002	Clinical Associate professor, Department of Radiology University of Texas at Herman. Houston, Texas.
!987	Visitor Professor Status Peru College of Cardiovascular surgeons Lima, Peru

Licensure and Certification

1964	Medical Doctor and Surgeon License to Practice Medicine Mexico
1967	E.C.F.M.G. Examination (Standard) USA
1972	Texas State Board of Medical Examiners License to Practice Medicine State of Texas.
1972	American Board of Nuclear Medicine

Membership in Professional Societies

American Medical Association
Texas Medical Association
Harris County Medical Society
The Society of Nuclear Medicine
Southwest Chapter of Nuclear Medicine
Texas Association of Physicians in Nuclear
Medicine Fellow American College of Nuclear
Medicine

Civic Associations

1992-94	President, Mexican Cultural Institute
1994-96	Board of Directors, Mexican Cultural Institute
1996-98	Advisory Board, Institute of Social Security (IMSS) Mexican Consulate, Houston, Texas
1992-93	Advisory Board, Sunset Commission. State of Texas Government.

Other Past Activities

Casa de Esperanza.
Literacy Advance
Special Olympics

PUBLICATIONS

PAPERS PUBLISHED

Calderon, S., Calderon, M., Cordoba, S., Guevara, L., Villalobos, J., and Jinich, H.: Auto-Urease Antibodies in the Treatment of Ammonia Intoxication. *Gastroenterology*, Mexico, Vol. 31, N. 184, pp. 417-430, 1966.

Burdine, J.A., Ryder, L.A., Sonnemaker, R., Depuey, G., Calderon, M.: ^{99m}Tc-Human Albumin Microspheres (HAM) for Lung Imaging. *J. Nuclear Medicine*, Vol 12: 127 -130, March 1971.

Calderon, M., Sonnemaker, R., Hersh, R., and Burdine, J.A.:^{99m}Tc-Human Albumin Microspheres (HAM) for the Study of Gastric Emptying Time. *Radiology*, Vol. 101: 371, November 1971.

Fleisher, N., Lorente, M., Kirkland, J., Kirkland, R., Clayton, S.W., and Calderon, M.: Synthetic Thyrotropin Releasing Factor as a Test of Pituitary Reserve. *J. Clin. Endocrine. & Metabol.*, Vol 34: 617, 1972.

Hersch, T., Kaldenbauth, ~ Calderon, M., Grubb, M.N., Burdine, J.A.: Hepato-Cellular Carcinoma - Clinical and Laboratory Observations. Am. J. Gastroent. Vol. 58: 162 - 171, August 1972.

Murphy, P.R., Burdine, J.A., and Calderon, M.: Evaluation of an Experimental Converging Collimator for the Scintillation Camera. J. Nucl. Med., Vol, 15: 291 - 293.

Calderon, M., and Burdine, J.A.: Pulmonary Veno-Occlusive Disease. J. Nucl. Med., vol. 15: 455 - 457, June 1974.

Calderon, M., Sonnemaker, RE., Hersch, T., Burdine, J,A.: 99mTc-Human Albumin Microspheres (HAM) for the Study of Gastric Emptying Time. Yearbook of Cancer 1972, pp.293 -294. Yearbook Medical Publishers, Chicago, Illinois.

Calderon, M., Burdine, J.A.: Noble Gases in Nuclear Medicine. Proceeding of Noble Gases Symposium. Environmental Protection Agency, September 1973.

PUBLICATIONS

PAPERS PUBLISHED (Cont.)

Farrell, E.M., Calderon, M., Rubio, P.A.: Diagnosis of Diaphragmatic Eventration Utilizing Nucleotide Scanning. Annals Medical Center Del Oro Hospital. 1980; 2: 125 - 129.

Rubio, P.A., Farrell, E.M., Calderon, M., Berkman, N.L: Epidermoid Cyst of the Spleen Case Report and Review of the Literature. J. Abdom. Surg., 1979,21: 164 - 165.

Levy, M., Calderon, M.: Diagnosis of Gallbladder Disease. A Comparison of Three Diagnostic Techniques. Annals of Medical Center Del Oro Hospital. 5: 31 - 39. 1983.

Smith, RC., Largen, J., Calderon, M., Schoolar, J.C., Shavartsburd, A., Ravichandran, G.K.: CAT Scans and Neuropsychological Tests as Predictors of Clinical Response in Schizophrenics. Psychopharmacology Bulletin, 19: 505 -508, 1983.

Largen, J.W. Calderon, M., Smith, Re.: Asymmetries in the Densities of White and Gray Matter in the Brains of Schizophrenics. American Journal of Psychiatry, 140: 1060 - 1062, 1983.

Smith, N.C., Calderon, M., Ravichandran, G.K. Largen, J., Shvartsburd, A., Gordon, J., Schoolar, J.e.: Nuclear Magnetic Resonance in Schizophrenia: A Preliminary Study. Psychiatry Research, 12: 137 -147.

Largen, J., Smith, RC., Calderon, M., Lu, RB., Gordon, J.R, Schoolar, J.C., Ravichandran, G.K.: Abnormalities of Brain Structure and Density in Schizophrenia, Biological Psychiatry, 12: 991 - 1014, 1984.

PAPER SUBMITTED FOR PUBLICATION

Smith, RC., Baumgarten, R, Ravichandran, G.K. Mauldin, M., Vroulis, G., Gordon, J., Calderon, M., Ventricular Enlargement and Clinical Response in Schizophrenia. Summited: Psychiatry Research, 1984.

Baumgarten, R, Smith, Calderon, M., Ravichandran, G.K., Largen, J.: Multivariate Analysis of Brain Morphological Measurements Assessed by CT Scans. Submitted: Neuroradiology, September, 1984.

PUBLICATIONS

ABSTRACTS PUBLISHED

Burdine, A., Sonnemaker, RE., Calderon, M., Ryder, L.A., and Spjut, H.J.; 99mTc-Human Albumin Microspheres (HAM) for Perfusion Studies. J. Nuclear Medicine, 11: 305 - 306, June, 1970.

Burdine, IA., Calderon, M., Ryder, L.A., Depuey, G., and Sonnemaker, R: an Evaluation of 99mTCHAM for Pulmonary Perfusion Imaging. J. Nucl. Med., Vol. 12: 343, June 1971.

Calderon, M., Sonnemaker, R.E., Hersch, T., and Burdine, J.A.: 99mTc-Human Albumin Microspheres (HAM) for the Stusy of Gastric Emptying Time. Radiology, Vol. 101: 371, November 1971.

Calderon, M., Harrison, G.M., Holmquest, D., Ryder, L., Burdine, J.A.: Assessing Pulmonary Ventilation and Perfusion in Infants and Young Children. J. Nucl. Med., Vol. 13: 419, June 1972.

Holmquest, D., Calderon, M., Burdine, J.A.: The Liver/Spleen Scan in the Assessment of Abdominal Injuries. J. Nucl. Med., Vol. 13: 438, June 1972

Murphy, P., Burdine, J.A., and Calderon, M.: Evaluation of an Experimental Converging Collimator for the Scintillation Camera. J. Nucl. Med., Vol. 14: 433, June 1973.

Calderon, M., and Burdine, J.A.: The left Upper Abdomen in Children. J. Nucl. Med., vol 15: 481, June, 1974.

DePuey, G., Alagarsamy, V., Thomson, W., Calderon, M., Kutka. N., Burdine, J.A.: Determination of Bone Mineral Content by Functional Imaging. 1 Nucl. Med., Vol. 15: 487, June 1974.

Burdine, J.A., Sonnemaker, R.E., DePuey, E.G., Calderon, M.: 99mTc-Human Albumin Microspheres (HAM) for Lung Imaging.
June, 1970.

Calderon, M., Sonnemaker, RE., Hersch, T., Burdine, J.A.:
99mTc-Human Albumin Microspheres (HAM) for the Study of Gastric Emptying Time. July, 1970,
Washington, D.C.

SCIENTIFIC PRESENTATIONS

SOCIETY OF NUCLEAR MEDICINE

Burdine, J.A., Calderon, M., Ryder, L.A., DePuey, G., Sonnemaker, RE.: An Evaluation of ^{99m}Tc (HAM) for Pulmonary Perfusion Imaging. June, 1971, Los Angeles, California.

Calderon, M., Harrison, G.M., Holmquest, D.L., Ryder, L.A., Burdine, J.A.: Assessing Pulmonary Ventilation and Perfusion in Infants and Young Children. July, 1972, Boston, Massachusetts.

Holmquest, D.L., Calderon, M., Burdine, J.A.: The Liver/Spleen Scan in the Assessment of Abdominal Injury. July, 1972, Boston, Massachusetts.

Murphy, P., Burdine, J.A., Calderon, M.: Evaluation of an Experimental Converging Collimator for the Scintillation Camera. June, 1973, Miami, Florida.

Calderon, M., Burdine, J.A.: The left Upper Abdomen in Pediatrics. June, 1974, San Diego, California.

DePuey, G., Alagarsamy, V., Thomson, W., Calderon, M., Kutka, N., Burdine, J.A.: Determination of Bone Mineral Content by Functional Imaging. June 1974, San Diego, California.

SOCIETY OF NUCLEAR MEDICINE, SOUTHWESTERN CHAPTER

Burdine, J.A., Ryder, L.A., Sonnemaker, RE., DePuey, G., Calderon, M.: ^{99m}Tc-Human Albumin Microspheres (HAM) for Lung Imaging. March, 1971, Houston, Texas.

Calderon, M., Sonnermaker, RE., Hersch, T., Burdine, J.A.: ^{99m}Tc-Human Albumin Microspheres (HAM) for measuring Rate of Gastric Emptying. March, 1971, Houston, Texas.

Calderon, M., and Burdine, J.A.: Radionuclide Diagnosis of Pulmonary Sequestration. March, 1973, New Orleans, Louisiana.

Calderon, M., Burdine, J.A., and Beal, W.: The Left Abdominal Quadrant: A Diagnostic Enigma in Pediatrics. March, 1974, Oklahoma City, Oklahoma.

Murphy, P., Burdine, J.A., and Calderon, M.: The Use of an Experimental Converging Collimator. March, 1974, Oklahoma City, Oklahoma.

Calderon, M., Galen, T., Collins, M.: The Use of a New Generation of Gamma Camera and Converging Collimator in Thyroid Imaging. March, 1976, New Orleans, Louisiana.

SCIENTIFIC PRESENTATIONS

SOCIETY OF NUCLEAR MEDICINE, SOUTHWESTERN CHAPTER (Cont.)

Calderon, M., Jasis, P., Phillips, C., Garta, J.: Clinical Evaluation of Anger Type Rectilinear Scanner. March, 1977, El Paso, Texas.

Calderon, M., Rivera, V., Alvarez, A: Diagnostic Value of Cerebral Blood Flow in Vortex Protection. March, 1977, El Paso, Texas.

Calderon, M., Rivera, V., Alvarez, A: Pulmonary Functional Abnormalities in Amyotrophic Lateral Sclerosis. March, 1977, El Paso, Texas.

ENDOCRINOLOGY SOCIETY

Fleischer, N., Lorente, M., Hauger-Klenene, J., Calderon, M.: The Use of Thyrotropin Releasing Factor as a Test of Pituitary Reserve. July, 1971. San Francisco, California.

ENVIRONMENTAL AGENCY

Calderon, M., Burdine, J.A: Noble Gases in Nuclear Medicine. September 1973, Las Vegas, Nevada.

AMERICAN HEART ASSOCIATION

Calderon, M., Nuclear Medicine as it relates to Heart Disease. June 10, 1976, Houston, Texas.

LATIN AMERICAN ASSOCIATION OF BIOLOGY AND NUCLEAR MEDICINE

Calderon, M., Nuclear Medicine as it Relates to Pediatric Disease. December, 1976, Quito, Ecuador.

Calderon, M., The Use of ^{99m}Tc in the Diagnosis of Thyroid Disorders. December 1976, Quito, Ecuador.

Calderon, M., Recent Advances in Nuclear Medicine Instrumentation. December 1976, Quito, Ecuador.

UROLOGICAL SOCIETY OF VENEZUELA

Calderon, M., Computerized Axial Tomography and Ultrasound Techniques in Renal and Adrenal Gland Disorders. February, 1977, Coro, Venezuela.

Calderon, M., Use of Radioisotopes in Renal Diagnosis. February, 1977, Coro, Venezuela.

SCIENTIFIC PRESENTATIONS

"

SECOND INTERNATIONAL SEMINAR IN NEURODIAGNOSIS

Calderon, M., Present and Future of Computerized Axial Tomography and How it Relates to Latin America. December 1976, Caracas, Venezuela.

ANNUAL MEETING OF MEXICAN ACADEMY OF NEUROLOGY

Rivera, V., Calderon, M., Brown, C., Sarkar, S., Spect Brain Imaging - Experience in 100 Patients. October 1993, Oaxaca, Mexico.

79TH SCIENTIFIC ASSEMBLY AN ANNUAL MEETING OF THE RADIOLOGICAL SOCIETY OF NORTH AMERICA.

Sarkar, S., Calderon, M., et al., Feasibility and Advantages of Low Midfield MR Angiography. To be presented November, 1993, Chicago, Illinois.

SMRI 12TH ANNUAL MEETING

Sarkar, S., Halvas, G., Kirby, C., Calderon, M., Detection of Implant Leaks from Residual Gel Volume Estimates and Silicone Enhanced MRI: A Combined 3D and 2D Approach.. 1994.

Sarkar, S., Merello, A, Tran, K, Lee, T., Kirby, C, Calderon, M., Optimization and Improvements of Head and Neck MRA at 0.5T.

Marcos Calderon. Program Director (8 Credit Hours Cat # 1)
Biannual CME, Houston Medical Imaging & University of Texas School of Medicine at Houston.
Diagnostic Imaging For the referring Physician. Practical considerations for the referring physician. May 8th, 2000

Marcos Calderon. Program Director (8 Credit Hours Cat # 1)
Biannual CME, Houston Medical Imaging & University of Texas School of Medicine at Houston.
Diagnostic Imaging and Invasive Treatment in the Management of Chronic Back Pain. Practical considerations for the referring physician. February 24, 2001

Marcos Calderon. Program Director (8 Credit Hours Cat # 1)
Biannual CME, Houston Medical Imaging & University of Texas School of Medicine at Houston.
Medical Images on the Web? Electronic Medical Records Federal Regulations & The Present and the Future of Positron Emission Tomography (PET Scanning)
March 9, 2002