

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2.
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NAME Charles A. Bradley		POSITION TITLE Professor	
EDUCATION/TRAINING <i>(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
University of Kentucky	B.A.	1964	Biological Sciences
University of Kentucky	M.S.	1967	Physiology
University of Kentucky	Ph.D.	1977-78	Physiology

A. Positions and Honors.**Positions and Employment**

1975-1977	Technical Director of Clinical Chemistry and Toxicology for Damon Medical Laboratory, Inc., Trevese, Pennsylvania.
1977-1980	Vice President of Technical Operations for International Clinical Laboratories, Inc., Tennessee Division, Nashville, Tennessee.
1980-1987	Assistant Professor of Pathology, Director of Research and Development in Clinical Chemistry and Toxicology, Vanderbilt University Medical Center, Nashville, Tennessee.
1987-1993	Associate Professor, Departments of Pathology and Obstetrics & Gynecology, Director of Chemical Pathology and Immunology, Texas Tech University Health Sciences Center, Lubbock, Texas.
1993- Present	Professor, Department of Pathology and Obstetrics & Gynecology, Associate Chairman, Department of Pathology, Director of Chemical Pathology, Texas Tech University Health Sciences Center, Lubbock, Texas.

Other Experience and Professional Memberships

Certified as a High Complexity Clinical Laboratory Director by the American Board of Bioanalysis, Certification No. 4202.

1987	Chairman, Southeast Section of American Association for Clinical Chemistry
1989-1994	Member, Board of Registry's Chemistry, Examination Committee, American Society for Clinical Pathologists
1992	Chairman, Texas Section of American Association for Clinical Chemistry
1991-1994	Chairman, Laboratory Information Systems Division of the American Association for Clinical Chemistry
1993-2000	Member, Executive Committee, Texas Section, American Association for Clinical Chemistry
1999-2000	Chairman, Laboratory Information Systems and Medical Informatics, Division of American Association for Clinical Chemistry
1993-1994	Chairman, Contributed Papers Review Committee, American Association for Clinical Chemistry
1996-2004	Member, Contributed Papers Review Committee, American Association for Clinical Chemistry
1997-2000	Chairman, Membership and Credentials Committee, National Academy of Clinical Biochemistry
1999-	Member, Board of Registry's Laboratory Computer Examination Committee, American Society of Clinical Pathologists
1999-2000	Chairman, Laboratory Information Systems and Medical Informatics, Division of American Association for Clinical Chemistry
2003-	Member of Editorial Board of American Institute of Chemistry

Selected peer-reviewed publications. (in chronological order) [chosen from over 45 articles]

1. Cobalamin Deficiency: Etiology Effect, Evaluation and Treatment. Jeffrey Brackeen, M.D., Charles A. Bradley, Ph.D., and Jeffrey Oliver, M.D., ASCP Check Sample. In Press.
2. Understanding Congenital Growth Hormone Deficiency: Etiology to Evaluation and Treatment. Marisa Mammarappallil, M.D., and Charles A. Bradley, Ph.D., ASCP Check Sample, Vol. 42, No. 2, 17-27, 2006.
3. Treatment of Plague with Gentamicin or Doxycycline in a Randomized Clinical Trial in Tanzania. William Mwengee, M.D., Thomas Butler, M.D., Samuel Mgema, M.D., George Mhina, B.S., Yusuf Almasi, B.S., Charles Bradley, Ph.D., James B. Formanik, M.S., Brad G. Leissa, M.D., and C. George Rochester, Ph.D. Clinical Infectious Diseases. Vol. 42:614-627, 2006.
4. Common Causes of Troponin Elevations in the Absence of Acute Myocardial Infarction: Incidence and Clinical Significance. Chanwit Roongsritong, M.D., Irfan Warraich, M.D., and Charles Bradley, Ph.D. Chest. Vol. 125: 1877-1884, 2004.
5. Acute Alcohol Ingestion. Charles A. Bradley, PhD., Ashraf M. Kahn, M.D., Ratna Grewal, M.D., and Dale M. Dunn, M.D. Laboratory Medicine. Vol. 34: No. 2, 97-99, 2003.
6. Evaluating Patients with Adrenal Diseases. Cynthia Z. Liu, M.D., PhD. and Charles A. Bradley, PhD. ASCP Check Sample Clinical Chemistry No. CC 02-4 (CC-322) Clinical Chemistry. Vol. 42: No. 4, 43-60, 2002.
7. Automated Enzymatic Measurement of Lecithin, Sphingomyelin and Phosphatidylglycerol and Amniotic Fluid. Charles A. Bradley, Kevin E. Salhany, Stephen S. Entman, Stephen L. Aleshire and Fritz F. Parl. Clin. Chem. Vol. 33:81-86, 1987.
8. An Automated Enzymatic Method for Measurement of Oxalate Concentration in Urine. Charles A. Bradley, Stephen L. Aleshire and Fritz F. Parl. Clin. Chem. Vol. 33:1076-1077, 1986.
9. An Automated Device for Aseptically Aspirating Serum from Blood. William R. Seebaugh, Charles A. Bradley and Fritz F. Parl. IEEE Transactions on Biomedical Engineering, BME, Vol. 33:610-616, 1986.
10. Choroid Plexus as a Barrier to Immunoglobulin Delivery into Cerebrospinal Fluid. Aleshire, S.L., Hajdu, I., Bradley, C.A., and Parl, F.F. Journal of Neurosurgery. Vol. 63:593-597, 1985.
11. Neuroblastoma in Adults: Pathologic Findings and Clinical Outcome. Stephen L. Aleshire, Alan D. Glick, Victoria E. Cruz, Charles A. Bradley and Fritz F. Parl. Arch. Pathol. Lab. Med. Vol. 109: 352-356, 1985.
12. A Rapid Acetaminophen Assay System. Charles A. Bradley, Ellen P. Wright and Fritz F. Parl. Laboratory Management. Vol. 22: 51-56, 1984.
13. Use of a Centrifugal Analyzer to Measure Serum Alcohol Concentration. Charles A. Bradley, Fritz F. Parl and Herman Benge. J. Clin. Lab. Autom. Vol. 4:193-197, 1984.
14. Localization of Human Prealbumin in Choroid Plexus Epithelium. Stephen L. Aleshire, Charles A. Bradley, L.D. Richardson and Fritz F. Parl. J. Histochem. Cytochem. Vol 31:608-612, 1983.
15. Serum Insulin and Glucose Response to Graded Exercise in Adults, Part I: The Influence of Fitness Status. J.A. White, A.H. Ismail and C.A. Bradley. Brit. J. Sports Med. Vol. 12: No. 3, 80-86, 1978.

Completed Research Support

Bradley (Co-PI) 2001-2002
South Plains Foundation
Liver Function Tests and Acetaminophen Blood Level Studies in Chronic/Persistent Pain Patients.

Bradley (Co-I) 04/1986 – 03/1987
National Cancer Institute
Antagonists for Cis-Platinum Nephrotoxicity

Bradley (Co-I) 1982
American Red Cross
Nephelometric Centrifugal Analysis, A New Method For Screening IgA Deficient Donors