

**DONALD BRUCE McCORMICK, Ph.D.**  
**Fuller E. Callaway Professor of Biochemistry**  
**Emory University School of Medicine**  
**Atlanta, GA 30322-3050**  
**404-727-6737**

**Education**

- 1953 B.A., Vanderbilt University. Major: chemistry; Minor: mathematics  
1958 Ph.D., Vanderbilt University. Thesis (under direction of Dr. Oscar Touster):  
Glucuronate, pentitol, and xylulose metabolism; USPHS (NIH) Postdoctoral  
Fellow  
1959-60 USPHS Postdoctoral Research Fellow with Dr. Edmond E. Snell, University of  
California, Berkeley; Vitamin B<sub>6</sub> metabolism and pyridoxal kinases

**Professional Positions**

- 1958 (Summer) Consultant Biochemist, Comm. on Nutrition for National Defense, Spain  
1960 Assistant Professor, Graduate School of Nutrition (now the Division of Nutritional  
Sciences), Cornell University, Ithaca, NY  
1963 (Summer) Visiting Lecturer in Biochemistry, Department of Chemistry, Division of  
Biochemistry, University of Illinois, Urbana  
1963 Associate Professor, Graduate School of Nutrition and the Section of Biochemistry,  
Molecular and Cell Biology, Division of Biological Sciences, Cornell University  
1969-78 Professor, Graduate School of Nutrition, Section of Biochemistry, Molecular and  
Cell Biology, Cornell University  
1978 Liberty Hyde Bailey Professor of Nutritional Biochemistry, Cornell University  
1979-94 Chairman, Department of Biochemistry, Emory, and (concurrently, 1985-1989):  
Executive Associate Dean for Science, Emory School of Medicine  
1979-1997 Fuller E. Callaway Professor, Department of Biochemistry, Emory University  
1997-present Emeritus

**Awards/Honors**

- 1966 Elected Fellow: American Association for the Advancement of Science  
1966-67 Guggenheim Memorial Foundation Fellowship (sabbatic) to Institute for Inorganic  
Chemistry, University of Basel, Switzerland, and Biochemistry Department,  
Agricultural University, Wageningen, The Netherlands  
1967 Erwin Brand Travel Award from the American Society of Biological Chemists  
1970 Mead Johnson Award, American Institute of Nutrition  
1978 Osborne and Mendel Award, American Institute of Nutrition.  
1975 Six months sabbatic: Chemistry Department, University of Arizona, Tucson  
1986 Wellcome Visiting Professor in Basic Medical Sciences at University of Florida  
1989 Wellcome Visiting Professor, Medical College of Pennsylvania  
1989 Award of Excellence, Georgia Nutrition Council  
1992 Lucille S. Hurley Lecturer, University of California, Davis  
1993 Boyd O'Dell Lecturer, University of Missouri, Columbia  
1999 Bristol-Myers Squibb/Mead Johnson Award for Distinguished Achievement in  
Nutrition Research  
2000 Elected Amer. Society Nutr. Sci. Fellow

**Professional Societies**

American Association for the Advancement of Science (Fellow), American Chemical Society (Division of Biological Chemistry), American Institute of Biological Sciences, American Institute of Chemists (Fellow), American Institute of Nutrition (President, 1991), American Society for Biochemistry and Molecular Biology, American Society for Clinical Nutrition, American Society for Microbiology, American Society for Photobiology, Biophysical Society, NIH Alumni Association, New York Academy of Sciences, Protein Society, Sigma Xi, Society for Experimental Biology and Medicine

### **Research Interests**

Cofactors with emphases on chemistry, biochemistry, and nutrition of vitamins, coenzymes, and metal ions

### **Editorial Board Service (present/past)**

*Analytical Biochemistry; Archives of Biochemistry and Biophysics; Cancer Prevention; Enzyme Communications; Journal of National Cancer Institute; Editorial Committee and Biographical Editor for Journal of Nutrition; Journal of Nutrition, Growth and Cancer; Monatshefte fur Chemie; Proceedings of the Society for Experimental Biology in Medicine; Nutrition Reviews (Contributing Editor); Editorial Advisory Committee, Associate Editor and Editor for Annual Review of Nutrition; Editor for Vitamins and Coenzymes (Methods in Enzymology); Editor for Vitamins and Hormones; Editorial Advisory Committee for Encyclopedia of Dietary Supplements*

### **Other Professional Service**

1977-81 Member/Chairman, NIH Nutrition Study Section  
1982 USDA Grant Review Panel  
1983 National Institute of Aging Small Grants Review Panel  
1985-87 NIH Chemical (Metabolic) Pathology Study Section  
1988-92 Member, NCI Board of Scientific Counselors, Cancer Prevention and Control  
1980-85 Member/Chairman, Scientific Advisory Committee to Life Sciences Research Office (FASEB)  
Member, Executive Committee, Association of Medical School Departments of Biochemistry  
Representative from Medical Biochemistry Departments to Council of Academic Societies of Association of American Medical Colleges  
Member, Executive Committee, Georgia Nutrition Council  
Consultant and Distinguished Lecturer, Clinical Nutrition Research Unit, Medical College of Georgia  
1969, 1984 Member, Organizing Committee, IIIrd, VIIIth, IXth (Chairman), Xth International  
1987, 1990 Symposia on Flavins and Flavoproteins Enzymes  
1987-1999 Member, Organizing Committee, VIIth International Congress on Chemistry and Biology, Aspects of Vitamin B<sub>6</sub> Catalysis; Xth Meeting of Vitamin B<sub>6</sub> and Carbonyl Catalysis, etc.  
1985-89 Co-Chairman, Committee on Diet and Health (NRC, IOM/NAS)  
1987-91 Member/Vice-Chairman, Food and Nutrition Board (IOM/NAS)  
1991-92 Ex-officio Member, U.S. National Committee of the International Union of Nutritional Scientists  
1989-95 Member, Organizing Committee, IInd International Congress on Vitamins and Biofactors in Life Science  
Member/Chairman, FASEB LSRO Committee

- 1990 Member, Dietary Guidelines Implementation Committee (NRC, NAS)  
1990,1999 Member, Organizing Committee, VIIIth International Symposium on Vitamin B<sub>6</sub> and Carbonyl Catalysis  
1990-99 NASA Nutrition Advisory Committee  
1992-95 Member, FASEB, representing A.I.N.  
1988-91 Scientific Evaluation Panel, Pew Foundation National Nutrition Program  
1991 Scientific Evaluation Panel, Heinz Endowment  
1996-2001 Panelist/Reviewer, U.S. Civilian Research and Development Foundation  
1996-97 Member, Food and Nutrition Board Panel: Folate and Other B Vitamins  
1998-99 Chairman, Expert Consultant Committee for Micronutrients, FAO/WHO  
1999 Subchair, Review Committee on Scientific Programs, CFSAN/FDA  
2001 Member, Technical Consultation, Pan Amer. Health Org., Fortification  
2001-2004 Consultant, Gambio/Navigator

**Cornell University Committee Service (1960-1979)**

- Member, New York State College of Agriculture and Life Sciences Policy Committee, Division of Biological Sciences Nominating Committee  
Member, Division of Nutritional Sciences Director Search; Executive, Membership, Appointments and Tenure, and Curricula Committees  
Member, Chairman Search, Section of Biochemistry, Molecular and Cell Biology; Appointments and Tenure, Admissions, Seminar, and Curricula Committees  
Secretary, American Chemical Society  
Secretary, Vice-President, Sigma Xi

**Cornell University Teaching Duties**

General lectures in biochemistry; nutritional biochemistry courses; advanced lectures in vitamins and coenzymes; undergraduate Honors research course. Training of students for MS and PhD degrees in both biochemistry and nutrition. Major and minor advisor to graduate and undergraduate students from College of Arts and Sciences and New York State Colleges of Agriculture and Life Sciences and Human Ecology at Cornell

**Emory University Committee Service (from August, 1979)**

- Member, Faculty Advisory Council  
Member, Council of Chairs  
Member, Medical Executive Committee of the Medical School  
Member, Nutrition Steering Committee  
Member, Clinical Research Facility Advisory Committee  
Member, Committee for Biomedical Research Support  
Member, University Council on Biosciences  
Member, Life Sciences Building Advisory Committee  
Member, Executive Committee of the Graduate School  
Member, Search Committees: Chairman of Dept. of Medicine, Dean of Medical School, and Vice President for Medical Center  
Member, Advisory Committee for Cancer Center  
Chair, Search Committee, Woodruff Professor of Molecular Genetics  
Member, Advisory Council and Chairman, Research Committee, Emeritus College of Emory University

**Emory University Teaching Duties**

General lectures and laboratory in biochemistry both for service (Dental, Medical, Physician Associate) and graduate courses. Coverage includes vitamins and coenzymes, metal ions, enzymes, metabolism, and nutrition.

**Listed in:**

*Who's Who in the World; Who's Who in America; Who's Who in the East; Who's Who in Georgia; Who's Who in Education; Who's Who in Science and Engineering; Who's Who in Technology Today; Dictionary of International Biography; Leaders in American Science; American Men and Women of Science*

**Early Education Achievements**

- 1932 Born in Front Royal, VA (July)  
Attended junior and senior high schools in Oak Ridge, TN; additional training at  
Oak Ridge Institute for Nuclear Studies
- 1947 First Prize, Tennessee Academy of Science  
Bausch and Lomb Award  
Named Honorary Member, American Association for the Advancement of Science
- 1950 Winner, National Westinghouse Science Talent Search

**Personal**

- 1955 Married: Norma Jean (Dunn)  
Children: Susan Lynn, Donald Bruce Jr., Michael Allen  
Address: 2245 Deer Ridge Dr., Stone Mt., Ga 30087 and  
581 Mountain View Dr. (P.O. Box 81), Scaly Mt., NC 28775