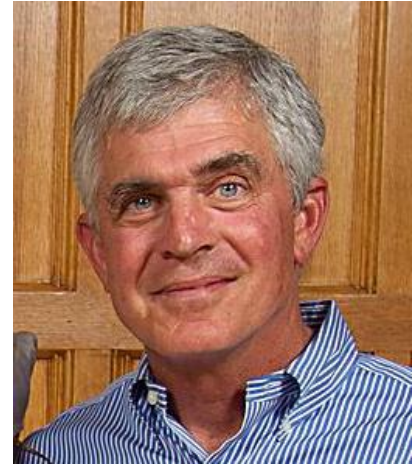


2017 CURRICULUM VITAE

NAME: Charles C. McCormick
DEPARTMENT: Nutritional Sciences
TITLE: Associate Professor
CAMPUS ADDRESS: 223 Savage Hall
PHONE: 255-2063
E-MAIL: CCM3



BACKGROUND

EDUCATION

<u>Year</u>	<u>Degree</u>	<u>Institution</u>
1979	Ph.D.	North Carolina State University (Nutrition/Biochemistry)
1976	M.S.	West Virginia University (Animal Nutrition)
1973	B.A./B.S.	Shepherd College (Biology)

ACADEMIC RANKS (year achieved)

Associate Professor, 1991 - present; Division of Nutritional Sciences, Cornell University.
Associate Professor, 1987-1991; Department of Poultry & Avian Sciences Cornell University.
Assistant Professor, 1981-1987; Department of Poultry & Avian Sciences Cornell University

PRIMARY DEPARTMENTAL PROGRAM AREA

Nutritional Biochemistry/Experimental Nutrition

AREAS OF EXPERTISE (key words) Vitamin E, Macrophage, Cell Culture, Nitric Oxide, Mineral Nutrition

PROFESSIONAL EXPERIENCE

<u>Year</u>	<u>Experience</u>
1979-81;	Research Assoc., Department of Nutrition, Rutgers University (Nutritional Biochemistry) Postdoctoral, Sponsor: R.J. Cousins

SABBATICALS AND STUDY LEAVES (year, project, location)

Visiting Professor, Jan 1989 to July 1989; Department of Biochemistry University of Iowa, IA.
Sponsor: Dr. Alan G. Goodridge

HONORS AND AWARDS (past and current year)

NIH New Investigator Award, 1983.

REPRESENTATIVE ACADEMIC RESPONSIBILITIES

CURRENT DIVISION OF EFFORT

Teaching	60 %
Research	15 %
Administration	25 %

CURRENT ADMINISTRATIVE RESPONSIBILITIES

RESEARCH RESPONSIBILITIES

- **Active Grants/Contracts/Gifts (format according to provided sample)**
None
- **Current Postdoctoral Associates (list names):** None
- **Past Postdoctoral Associates (list names and dates):** None
- **Other Current Research Professionals Supervised (list names)**

TEACHING AND ADVISING RESPONSIBILITIES (current year)

- **Courses Taught (course number and name)**

NS3030 Nutrition & Vegetarian Diets, 3 credits, 42 students, Spring '17

NS4310 "Mineral Nutrition and Chronic Disease", 3 credits, 16 students, Fall '17

NS6310 "Micronutrients: Minerals & Vitamins", 4 credits, 21 students, Fall '17.
- **Educational Innovations Developed Including; Web-Based Materials; New Courses Developed, etc.**

Lectures are being recorded and archived on the Web for student access. Students now have access to both the audio and slides presented in class.
- **Current Student Organizations for Which You Served as Faculty Advisor (list organizations)**
- **Current Undergraduate Advisees**

32 advisees

- **Other Relevant Teaching and Advising Activities, Accomplishments, etc.**

GRADUATE FIELD MEMBERSHIPS

Nutrition
Animal Science
Toxicology

GRADUATE MINORS

- **Current (names and expected date of degree)**
Donghau Wang PhD, Food Science, Finished '17
Yuan Si PhD, Nutrition, Finished '17

REPRESENTATIVE PROFESSIONAL ACTIVITIES

PROFESSIONAL SOCIETIES

American Society of Nutritional Sciences

EDITORIAL BOARDS

Journal of Nutrition, 1991 –1996

COMMITTEE ASSIGNMENTS

- **Department:**
Curriculum Committee, Ex officio
Post-Baccalaureate Admissions Committee

***If your committee service this year includes service on an *ad hoc* promotion committee(s) at the College or University level, please indicate that you have served by simply stating, for example, *ad hoc promotion to tenure or full professor committee* with the number of committees indicated (CALs or University), but DO NOT identify the name of the faculty member or his or her department.**

REPRESENTATIVE PROFESSIONAL CONTRIBUTIONS

RESEARCH, INSTRUCTIONAL, AND/OR EXTENSION/OUTREACH

PUBLICATIONS (provide full reference—list most current first. Include videos, websites, electronic publications, etc.)

Parker, R. S. and C. C. McCormick (2005). "Selective accumulation of alpha-tocopherol in *Drosophila* is associated with cytochrome P450 tocopherol-omega-hydroxylase activity but not alpha-tocopherol transfer protein." Biochem Biophys Res Commun 338(3): 1537-41.

McCormick, C.C. and R. Parker (2004) Cytotoxicity of Tocopherols: Identification of Vitamer- and Cell-Specific Differences. *J. Nutr.* 134, 3335-42

McCormick, C.C. (2002) Passive Diffusion Does Not Play a Major Role in the Absorption of Dietary Calcium in Normal Adults. *J. Nutrition* 132:3428-3430.

Fu, Y., C. McCormick, C. Roncker and X. Lei (2001) Lipopolysaccharide and interferon-gamma-induced nitric oxide production and protein oxidation in mouse peritoneal macrophages are affected by glutathione peroxidase-1 gene knockout. *Free Rad. Biol & Med.* 31:450-459.

McCormick, C.C., Li, A. and Calero, M. (2000) Oxygen tension limits nitric oxide synthesis by activated macrophages. *Biochem. J.* 350:709-716.

Huang, M-C. Muddana, S. Horowitz, E. McCormick, C., Infante, J.P. and Brenna, J.T. (2000) High precision isotope mass spectrometry and stable isotope precursors for tracer studies in cell culture. *Anal. Biochem.* 287:80-86.

Lin, A. W. C. C. Chang, and C. C. McCormick. (1996) Molecular cloning and expression of an avian macrophage nitric- oxide synthase cDNA and the analysis of the genomic 5'-flanking region. *J. Biol. Chem.* 271:11911-11919,.

Chang, C. C. C. C. McCormick, A. W. Lin, R. R. Dietert, and Y. J. Sung. (1996) Inhibition of nitric oxide synthase gene expression in vivo and in vitro by repeated doses of endotoxin. *Am. J. Physiol. Gastrointest. Liver Physiol.* 271:G539-G548,.

PROFESSIONAL OVERVIEW AND OBJECTIVES
(One paragraph, not to exceed one-half page, single-spaced)

For the past few years, my responsibilities have included teaching and administrative duties. I am responsible for three courses and participate in one other (3 weeks) in the DNS curriculum. I currently am the Director of Graduate Studies for the Field of Nutrition and the Director of Undergraduate Studies in the Division. I have assumed some responsibility as Assistant Director of the Division of Nutritional Sciences. The latter responsibility requires that I assist the Director and represent the Division in various capacities.