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#### ***ACADEMIC PREPARATION***

Texas A&M University: 1991, PhD. - Nutrition  
Bluffton College, 1981, BA – Human Nutrition

#### ***PROFESSIONAL QUALIFICATION AND TRAINING***

Registered & Licensed Dietitian (RD)  
Nutrition & Dietary Consultant  
Child and Adolescent Weight Management - Certification  
Adult Weight Management – Certification

#### ***RESEARCH INTEREST***

Nutrition and its implication across the lifespan; community/public health as it relates to food access, choices, and security; overweight, obesity and physical activity and the implications on diseases in child and adolescence population.

#### ***CURRENT POSITION***

**Academic** Professor, Human Nutrition and Food, Prairie View A&M University  
Director –Didactic Program in Dietetics, Prairie View A&M University 1992-  
Present  
Director- Dietetic Internship Program, Prairie View A&M University, 1998 -  
Present  
Co-Director - Center for the Study of Health Disparity, TAMU – College  
Station, 2003 – 2008  
Faculty – Center for Community Health Development, Prevention Research  
Center, School of Rural Public Health, TAMU, College Station

#### **University Committee**

Graduate Advisory Committee  
Institution Animal Use & Care Committee  
University Scholarship Committee – Chair

#### **National Committee**

Southern Association of Schools & Colleges (SACS) Regional Site Reviewer  
Analyst - Evidence Analysis Library, American Dietetic Association

#### **International Committee**

External Examination Review Board: The University of Technology, Kingston,  
Jamaica, 2002 - Present

***SPECIAL DOCUMENTS WRITTEN***

Self study document for accreditation of the Post Baccalaureate Dietetic Internship Program. Accredited 2000 - 2010.

Self study document for accreditation of the Undergraduate Didactic Program in Dietetics. Accredited 2000 – 2010.

***TEXTBOOK REVIEWED***

Nutrition through the Lifecycle 2Ed. Wadsworth Publishing: 2006

Understanding Nutrition Therapy & Pathophysiology 1e, Wadsworth Publishing, 2006

Nutrition, Real People, Real Choices, Burrston House Ltd. 2008

***COURSES TAUGHT***

Graduate and undergraduate nutrition and food courses in addition to Research Problems, Research methods, Advanced Practicum in Dietetics I & II, Dietetic Seminar I & II, Nutrition & Wellness, Community Nutrition Health.

***GRADUATE STUDENT ADVISORY COMMITTEE (RECENT)***

Beverly Copeland “Prevalence and Factors Influencing Childhood Obesity in African and Hispanic Americans.” 2006 (Chair)

Andrea McDonald “Factors impacting preparation and consumption of healthy foods by lower socio-economic families in Rural America’ (Chair)

***PROFESSIONAL ORGANIZATION MEMBERSHIP***

American Society for Nutrition

American Dietetic Association

Dietetic Educator of Practitioners

Diabetes Care & Education

Public Health Nutrition

Texas Dietetic Association

***PUBLICATIONS***

"The Immuno-Enhancing Effects of Dietary beta-carotene in Chickens." Sharon L. McWhinney, C.A. Bailey and B. Panigrahy. *Journal of Poultry Science*, vol.68 Suppl. 1, 1989.

"Beta Carotene and Canthaxanthin Concentration on the Immune Status in Chicks.' McWhinney, S. L and C.A. Bailey. *FASEB Journal*. Vol. 7(4) 1993.

"Depletion of Essential Minerals During Cooking". S. L. McWhinney, H.G. McWhinney, and P. Gardner. *FASEB Journal* Vol.10(3) 1996.

Depletion of Essential Minerals from Vegetables: A Surface Science Approach." H.G. McWhinney and S. L. McWhinney, Proceedings, 16th International Congress on Nutrition, Montreal, Canada, July 27- August 1,1997.

"The Effect of Nutrition Intervention on the Nutrition Attitudes of the Rural Elderly." S. L.

McWhinney .Proceedings, 16th International Congress on Nutrition, Montreal, Canada, July 27 - August 1,1997.

"Analysis of Foods Offered for Lacto-Ovo-Vegetarians and Vegans in a University's Student Cafeteria." M.M. Derricote and S.L. McWhinney. *J AM Diet. Assoc.* 97(9) Supplement.1997.

"Role of Food Labels in Nutritional Practices of Rural Elderly Persons." S.L. McWhinney and S. Choudhari. Proceedings, 11<sup>th</sup> Biennial Research Symposium, Association of Research Directors, San Antonio, TX, October 1 -4, 1997.

"Association Between Diet Knowledge and Quality of Diets of Southern Rural Elderly." C.J. Lee, S. Godwin, J. Tsui, M. Kumelachew, S. L. McWhinney et al., *J of Nutr. for the Elderly* Vol. 17(1) 1997.

#### **PROFESSIONAL PRESENTATIONS**

"Dietary p-Carotene and Canthaxanthin Reduce *In Viva* and *In Vitro* Chick Bursal Lymphocyte Proliferation." Annual Poultry Science Conference, Texas A&M University, College Station, Texas, August 1991.

"Nutrition Fuels Fitness." Jowell Elementary School, Cypress Fairbanks Independent School District. Presented in recognition of National Nutrition Month. March 1993.

"Dietary p-Carotene and Canthaxanthin Reduce *In Viva* and *In Vitro* Chick Bursal Lymphocyte proliferation." College of Engineering and Architecture Symposium-E&A '93, Prairie View A&M University, March 1993.

"Beta-Carotene and Canthaxanthin Concentration on the Immune Status in Chicks."Experimental Biology, New Orleans, Louisiana, March 1993.

"Dietary Management and Nutritional Practices." Association of Research Directors Biennial Symposium, Fall 1994.

"Depletion of Essential Minerals from Plants During Cooking" Experimental Biology, 1996.

"Research Initiatives at Historically Black Colleges & Universities" The American Dietetic Association: Third Annual Research and Education Symposium – NOBIDAN October 1997.

"The Effect of Nutrition Intervention on the Nutrition Attitudes of the Rural Elderly." 16th International Congress of Nutrition, Montreal, Canada, July 1997.

"The Faculty – Reaffirmation of Accreditation by the Southern Association of Colleges & Schools" PVAMU Faculty Conference, August 1998.

"Analysis of Foods Offered for Lacto-Ovo-Vegetarians and Vegans in a University's Student Cafeteria. The American Dietetic Association- Annual Conference 1997.

"Mentoring: Preparation for Students and Interns in Dietetics:" National Organization for Blacks in Nutrition & Dietetics 7<sup>th</sup> Midyear Conference, Dallas Texas, March 2000.

"Nutrition and Physical Activity: A Community Based Assessment" Food & Nutrition Summer Institute, Maryland. July, 2000.

"Nutrition Linkages & Its Impact on Community Health." USDA- Food & Nutrition Summer Institute, Accra. Ghana. July 2001.

"Program Overview – Nutrition & Dietetics" Academic Program Retreat, July 2002.

"Prevalence of Overweight and Obesity in School Age Children" Annual Conference –The American Dietetics Association, October 2003

Panel Member, "Social/Behavioral Sciences and Education Research" Texas A&M University Junior Faculty Workshop, Corpus Christi, November 3-4, 2005

"A School Based Intervention to Reduce Childhood Obesity: Process, Challenges and Impact." APHA, Annual Conference, December, 2005.

"Collaboration between a research institution, federally qualified health center and historically black university: A necessary yet challenging endeavor, APHA, December 2005.

'Availability of Food Resources and Physical Activity Facilities in a Small Rural University Community.' American Dietetics Association, Annual Conference , 2006.

'Nutritional Practices among 416 Middle School Students in a Southern State" APHA 2007.

'Obesity and Related Factors in three Generation Families' Experimental Biology, 2007

"Predictors of Dietary Behavior among Elementary School Children Using a Path Model, ASHA 2007.

"Blood Lipid Profile Shows Similar Patterns Across Three Generation Families" 15th International Congress on Dietetics, Yokohama Japan, 2008

#### **RESEARCH & FUNDED PROPOSALS**

"The Relative Depletion of Available Iron from *Spinacia Oleracea*. " University Research Enhancement Grant. \$3,000. (1993)

"Planning and Implementation of Dietetic Internship Program." USDA 1890 Institution Capacity Building Grants Program. \$180,000. (1994)

"South Texas Hypertension Study." Collaborative Research Project involving Texas A&M College Station, Prairie View A&M University, Texas A&M Corpus Christi and Texas A&M Laredo, \$500,000. (Texas Department of Health) 1995

"Enhancement of the Food and Nutrition Curricula at Prairie View A&M University." USDA 1890 Institution Capacity Building Grants Program. \$174,855. 1998

"Nutrition & Physical Activity: Community & College Based Assessment." USDA/CDC  
\$20,000. (1999)

"Prevalence and Factors Influencing Childhood Obesity in African and Hispanic Americans."  
USDA, CSREES FUNDED (\$156,116). (2002)

"Food Systems Management: A Computer Interactive Approach" USDA Capacity Building  
Grant \$199,450.00 (2003)

TAMU/PVAMU Collaboration: "Reducing Health Disparities" NIH \$1,176,462.00 (2003)

'Student Preparation and Enhancement' USDA Capacity Building Grant \$147,662 (2007)

'Enhancing the Food & Nutrition Teaching Facility' Title III. \$263,158 (2007)

TAMU/PVAMU P20 Collaboration: "The Program for Rural and Minority Health Disparities  
Research" NIH. Project 3; Student Wellness Assessment and Advocacy Project. (2007)

***TRAINING & CERTIFICATION COURSES***

Teaching Sensory Analysis Workshop, Kansas State University  
Educational Foundation "Servsafe Food" Training & Certification  
Culinary Institute of America – Advanced Techniques  
American Dietetic Association – Child & Adolescent Weight Management Training

***ACADEMIC PROGRAMS REVIEWED (Past 5 Years)***

Fort Valley State University, Fort Valley Georgia  
Texas Southern University, Houston, Texas  
University of Technology, Jamaica

***STUDENT & HONORS ORGANIZATION MEMBERSHIP***

Kappa Omicron Nu- Advisor