

Marcus A. Guyton

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Objective

To obtain a challenging position that utilizes my knowledge, relevant experience, and skills.

Education

Alabama A&M University Normal, Alabama

- ◆ **Doctor of Philosophy in Food Science and Technology with a concentration in Nutritional Biochemistry/Carcinogenesis: May 11, 2006** Cumulative Grade Point Average: 3.8/4.0
- ◆ **Master of Science in Biology/Microbiology, July 26, 2002**
- ◆ **Bachelor of Science in Biology/Pre-Med with a concentration minor in Chemistry: May 12, 2001**

Professional Experience

2006-Present, University of Alabama at Birmingham, Birmingham, AL
Postdoctoral Fellow, Department of Biostatistics

- ◆ Grant preparation, data collection and analysis

2003-2006, Alabama A&M University, Normal, AL

Graduate Research/Teaching Associate Department Food and Animal Science, Courses Taught:

- ◆ 101 Food and Survival of Man, Freshmen and Sophomores
- ◆ 407 Food Chemistry Laboratory, Juniors and Seniors
- ◆ 707 Advanced Food Chemistry, Graduate Students

2002 University of Alabama at Huntsville, Huntsville, AL

Field Research Investigator

- ◆ Collected subjects for surveying
- ◆ Administered survey and blood pressure analysis
- ◆ Recorded statistical data for analysis

2002 University of Alabama at Huntsville, Huntsville, AL

Laboratory Associate

- ◆ Assisted with research
- ◆ Recorded and collected data for analysis
- ◆ Analyzed research video and imported data for statistical analysis

2001-2002 LRC Alabama A&M University, Normal, AL

Graduate Research Assistant

- ◆ Responsible for assisting supervisor with research on various topics
- ◆ Responsible for assisting students in need of help, their research, or assisting them with the location of books on various topics

Activities

- ◆ Institute of Food Technologist, 2003-Present
- ◆ Phi Tau Sigma Honorary Society, Graduate Representative, 2004-Present
- ◆ Food Science Club, Alabama A&M University, 2002-Present
- ◆ Product Development Team at Alabama A&M University, Dept. of Food & Animal Sciences, 2004
- ◆ Kappa Alpha Psi Fraternity Inc. 2002-Present
- ◆ Speedy Medical Transportation, Birmingham, Alabama, 2001-2003

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- ◆ Griggs Communal Care, Birmingham, Alabama, 2001-2004
- ◆ Jessie's Place, a shelter for homeless women and children, Birmingham, Alabama, 2002
- ◆ Downtown Rescue Mission, Huntsville, Alabama, 2004 & 2005
- ◆ Ed. White Middle School Tutor/Volunteer, Huntsville, Alabama, 1999-2000
- ◆ Alabama A&M University Marching Band, 1997-1999
- ◆ Alabama A&M University Symphonic Band, 1997-1999

Research Experience

- ◆ Biochemical Analysis for In Vivo & In Vitro Experiments (Animal Model & Cell Culture Systems)

Professional Presentations

- ◆ Dietary Peanuts Suppresses Colon Tumors in Azoxymethane-Induced Male Fisher 344 Rats (Submitted to IFT for Poster Presentation for IFT 2005 Annual Meeting & Food Expo, July 15-19th in New Orleans, LA)
- ◆ Inhibitory Effects of Feeding Selected Levels of Peanuts on Azoxymethane-Induced Aberrant Crypt Foci in Fisher 344 Male Rats (Poster Presentation at the IFT 2004 Annual Meeting & Food Expo, on July 13 from 1:00pm-5:00pm in Las Vegas, Nevada, U.S.A.)
- ◆ Participated in the Research Integrity Conference "The Role of Sponsored Program Administrators and Scientists in Promoting Research Integrity (Alabama A&M University Tuesday, June 3, 2003)

Publications

- ◆ **M. Guyton, M. Verghese, L.T. Walker, L. Shackelford, C.B. Chawan, J. Jones, J. Khatiwada, R. Sunkara, M. Johnson. Dietary Peanuts Suppresses Colon Tumors in Azoxymethane-Induced Male Fisher 344 Rats.** AICR/WCRF International Research Conference on Food, Nutrition and Cancer, July 14-15, 2005. Washington, DC. (Abstract) Published in the Journal of Nutrition pgs. 3042S-3043S.
- ◆ D. Williams, J. Boateng, L. T. Walker, L. Shackelford, J. Khatiwada, **M. Guyton, J. Jones, C. Chawan. Chemopreventive Effects of Flax Seed Oil on Azoxymethane-Induced Colon Tumors in Fisher 344 Male Rats.** American Association for Cancer Research: Frontiers in Cancer Prevention, Cancer Epidemiology and Biomarkers, October 30- November 2, 2005. Baltimore, MD. pg. 138.
- ◆ **M. Guyton, M. Verghese, L. Shackelford, L.T. Walker, C.B. Chawan, J. Jones, J. Khatiwada, J. Boateng, M. Fullerton. Inhibitory Effects of Feeding Selected Levels of Peanuts on Azoxymethane-Induced Aberrant Crypt Foci in Fisher 344 Male Rats.** IFT Annual Meeting & Food Expo Book of Abstracts. July 13-16, 2004. Las Vegas, Nevada, U.S.A. p.96.

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- ◆ J. Jones, M. Verghese, L. Shackelford, L.T. Walker, C.B. Chawan, **M. Guyton**, J. Khatiwada, J. Boateng, M. Fullerton. **Grape Products Reduce Azoxymethane-Induced Aberrant Crypt Foci in Fisher 344 Rats.** IFT Annual Meeting & Food Expo Book of Abstracts. July 13-16, 2004. Las Vegas, Nevada, U.S.A. p.96.
- ◆ J. Khatiwada, M. Verghese, L. Shackelford, L.T. Walker, C.B. Chawan, **M. Guyton**, J. Jones, R. Sunkara, J. Boateng. **Combination of Green Tea, Phytic Acid, and Inositol Reduce the Incidence of Azoxymethane-Induced Colon Tumors in Fisher 344 Rats.** IFT Annual Meeting & Food Expo Book of Abstracts. July 13-16, 2004. Las Vegas, Nevada, U.S.A. p.96.