

Gabrielle (Brie) Turner-McGrievy, Ph.D., M.S., R.D.

Postdoctoral Fellow, UNC-Chapel Hill

EDUCATION

Postdoctoral Fellow, Nutrition, University of North Carolina, Chapel Hill, NC, 2009-Present

Doctor of Philosophy, Nutrition, Gillings School of Global Public Health, University of North Carolina, Chapel Hill, NC, 2009

Master of Science, Human Environmental Science, University of Alabama, Tuscaloosa, AL, 2000

Bachelor of Philosophy, Interdisciplinary Studies, Miami University, Oxford, OH, 1996

TEACHING EXPERIENCE

Adjunct Professor, University of Alabama, Human Nutrition and Hospitality Management Department, Tuscaloosa, AL, 1999 – Present

Teaching Assistant, University of North Carolina at Chapel Hill, Nutrition Department, 2006

COURSES TAUGHT

Undergraduate

NHM 105 Personal Nutrition (developed and taught)

NHM 305 Vegetarian Nutrition (developed and taught)

Graduate

NUTR 230 Dietary Change Interventions (teaching assistant)

ACADEMIC HONORS AND AWARDS

- The Obesity Society's Pat Simon's Award, 2010
- Delta Omega National Public Health Honor Society, 2010 – Present
- Cancer Control Education Program Predoctoral Fellow, 2007 – 2009
- The Society of Behavioral Medicine's Excellence in Research Award, 2007
- Lydia J. Roberts Memorial Scholarship in Public Health Nutrition (ADA), 2005
- NIH Nutrition Training Grant Recipient, 2005 – 2007
- Recognized Young Dietitian of the Year, Maryland, 2004
- Harris Scholarship, University of Alabama, 1997 – 2000
- Mable E. Adams Scholarship, University of Alabama, 1997 – 2000
- Alabama Dietetic Association Graduate Student Scholarship, 1999 – 2000

RESEARCH SUPPORT

- UNC Lineberger Cancer Center Population Sciences Grant, 2010, \$8,631
The primary aim of this research project is to assess the effectiveness of delivering an intervention via mobile devices in order to improve diet quality and promote weight loss.
- Johns Hopkins University Health Scholar Award, 2005, \$5,000
The purpose of this study was to determine if a Web-based lesson on providing information and programming on reducing saturated fat intake

can be an effective tool to train and motivate public library staff. Role:
Principal Investigator

PUBLICATIONS AND PAPERS

- Barnard ND, Scialli AR, Turner-McGrievy GM, Lanou AJ. Acceptability of a low-fat vegan diet compares favorably to a Step II diet in a randomized, controlled trial. *J Cardiopulm Rehabil.* 2004;24:229-35.
 - Turner-McGrievy GM, Barnard ND, Scialli AR, Lanou AJ. Effects of a low-fat vegan diet and a Step II diet on macro- and micronutrient intakes in overweight postmenopausal women. *Nutrition.* 2004;20:738-46.
 - Barnard ND, Scialli AR, Turner-McGrievy G, Lanou AJ, Glass J. The effects of a low-fat, plant-based dietary intervention on body weight, metabolism, and insulin sensitivity. *Am J Med.* 2005;118:991-7.
 - Barnard ND, Cohen J, Jenkins DJ, Turner-McGrievy G, Gloede L, Jaster B, Seidl K, Green AA, Talpers S. A low-fat vegan diet improves glycemic control and cardiovascular risk factors in a randomized clinical trial in individuals with type 2 diabetes. *Diabetes Care.* 2006;29:1777-83.
 - Turner-McGrievy GM, Barnard ND, Scialli AR. A 2-Year Randomized Weight Loss Trial Comparing a Vegan Diet to a More Moderate Low-Fat Diet. *Obesity.* 2007;15:2276-81.
 - Benedict S, Campbell M, Doolen A, Rivera I, Negussie T, Turner-McGrievy G. Seeds of HOPE: a model for addressing social and economic determinants of health in a women's obesity prevention project in two rural communities. *J Women's Health.* 2007;16:1117-24.
 - Turner-McGrievy GM, Barnard ND, Cohen J, Jenkins DJ, Gloede L, Green AA. Changes in nutrient intake and dietary quality among participants with type 2 diabetes following a low-fat vegan diet or a conventional diabetes diet for 22 weeks. *J Am Diet Assoc.* 2008;108:1636-45.
 - Campbell MK, McLerran D, Turner-McGrievy GM, Feng Z, Havas S, Sorensen G, Buller D, Beresford SAA, Nebeling L. Mediation of Adult Fruit and Vegetable Consumption in the National 5 A Day For Better Health Community Studies. *Ann Behav Med.* 2008;35(1):49-60.
 - Barnard ND, Noble EP, Ritchie T, Cohen J, Jenkins DJ, Turner-McGrievy G, Gloede L, Green AA, Ferdowsian H. D2 dopamine receptor Taq1A polymorphism, body weight, and dietary intake in type 2 diabetes. *Nutrition.* 2009;25(1):58-65.
 - Turner-McGrievy GM, Campbell M. Nutrition Information to the Desktop: A Pilot Online Nutrition Course on Saturated Fat for Public Librarians Increases Knowledge, Expectancies, and Self-Efficacy. *J Nutr Educ Behav* 2009;41(3):188-93.
 - Barnard ND, Katcher HI, Jenkins DJ, Cohen J, Turner-McGrievy G. Vegetarian and vegan diets in type 2 diabetes management. *Nutr Rev* 2009;67(5):255-63.
 - Barnard ND, Cohen J, Jenkins DJ, Turner-McGrievy G, Gloede L, Green AA, Ferdowsian H. A low-fat vegan diet and a conventional diabetes diet in the treatment of type 2 diabetes: a randomized, controlled, 74-week clinical trial. *Am J Clin Nutr* 2009;89(5):1588S-1596S.
 - Barnard ND, Gloede L, Cohen J, Jenkins DJ, Turner-McGrievy G, Green AA, Ferdowsian H. A low-fat vegan diet elicits greater macronutrient changes, but is comparable in adherence and acceptability, compared with a more conventional diabetes diet among individuals with type 2 diabetes. *J Am Diet Assoc* 2009;109(2):263-72.
 - Turner-McGrievy GM, Campbell MK, Tate DF, Truesdale KP, Bowling JM, Crosby L. Pounds Off Digitally (POD) Study: A randomized podcasting weight loss
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intervention. *Am J Prev Med.* 2009 Oct;37(4):263-9.

PRESENTATIONS

Invited Speaker

- "Plant-based nutrition in clinical practice: The use of vegan diets for health promotion and disease prevention." Medical College of Wisconsin, Cardiology Grand Rounds, March 2010.
- "Fat, Carbohydrates or Protein for Weight Loss: Does It Matter Which?" The American Heart Association Scientific Sessions, November 2009.
- "Vegetarian diets and weight loss." Alabama Dietetic Association conference, lecture, March 2003.

Presentations

- "Taking the Bitter with the Sweet: Exploring the interaction of being a sweet liker and supertaster on metabolic syndrome and dietary intake." The Obesity Society meeting, accepted oral presentation, October 2010.
- "The relationship between sugar sweetened beverages added sugar intake, dietary glycemic index, and body mass index." ISBNPA conference, poster, June 2010.
- "Relation of the glycemic index with body weight and glycemic control among participants with type 2 diabetes following a low-fat vegan diet or a conventional diabetes diet for 22 weeks." The Obesity Society meeting, poster, October 2009.
- "Podcasting off the pounds: A theory-based weight loss intervention improves diet and physical activity among overweight adults." ISBNPA conference, oral presentation, June 2009.
- "Pounds Off Digitally (POD) Study: Using podcasting to promote weight loss." SBM conference, oral presentation, March 2009.
- "The Use of Emerging Technologies in Public Health Informatics." ISBNPA conference, symposium, June 2007.
- "Librarians as Health Information Providers: Follow-up Results of an Online Course to Improve Self-efficacy and Expectancies." SBM conference, poster, March 2007.
- "Librarians as Health Information Providers: A Pilot Project Using an Online Course to Improve Knowledge, Self-efficacy, and Expectancies." SBM conference, poster, March 2006.
- "The Effect of Diet and Group Support on Weight Loss Maintenance." NAASO conference, poster, October 2005.
- "Practical Issues in Planning Vegetarian Diets for Persons with Diabetes." AADE conference, oral presentation, August 2005.
- "Going the Distance: Taking Dietetic Education into the 21st Century." American Dietetic Association conference, oral presentation, October 2003.
- "Adoption of a Low-fat, Vegan Diet Improves Macro- and Micronutrient Intake in Overweight, Postmenopausal Women." International Congress on Vegetarian Nutrition, poster, April 2002.

SERVICE—PROFESSIONAL

Professional Activities and Service

- Washington Center for Clinical Research—Board of Directors, 2007 – Present
- UNC Nutrition Department Doctoral Retreat Planning Committee, 2004 – 2006

Professional Affiliations

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- Member, American Dietetic Association, 1996 – Present.
 - Member, Vegetarian Nutrition Dietetic Practice Group (VNDPG), 1997 – Present
 - Member, International Society of Behavioral Nutrition and Physical Activity, 2007 – Present

Invited Journal Reviewer

- International Journal of Behavioral Nutrition and Physical Activity
- Journal of the American Dietetic Association
- Journal of Nutrition Education and Behavior
- Diabetes Educator
- Obesity
- Health Education and Behavior

Certifications and Licenses

- Registered Dietitian, 2000 – Present

EMPLOYMENT EXPERIENCE

Postdoctoral Fellow - University of North Carolina-Chapel Hill, Interdisciplinary Obesity Center, 2009 – Present

- examine the effect of PTC taster status on sweet preference, beverage preference, adherence to dietary change, and weight loss
- assess the relationship between being a PTC taster and ratings of dietary restraint

Adjunct Faculty - University of Alabama, Human Nutrition Department, 1999 – Present

- developed and currently teach an introductory nutrition course and vegetarian nutrition course
- created the classes to be completely on-line

Graduate Research Assistant - University of North Carolina-Chapel Hill, School of Public Health, Nutrition, 2004 – 2009

- conducted cancer and diet literature searches for NCI clinical trial
- updated nutrition department Web site
- prepared manuscripts for publication

Campus Dietitian - University of North Carolina-Chapel Hill, Student Health Center, 2005 – 2006

- counseled student patients on a variety of medical nutrition therapy needs

Clinical Research Coordinator - Physicians Committee for Responsible Medicine, 2000 – 2004

- directed nutrition research projects on weight loss, diabetes, and cancer
- assisted with grant writing and data management
- coordinated nutrition classes for study participants

Technical Room Coordinator - University of Alabama, Interactive Intercampus Telecommunications System, 1996 – 2000

- set up compressed video equipment
- ran audio-visual equipment
- provided technical back-up support

Research Assistant - University of Texas, School of Social Work, 1996 – 1997

- interviewed women receiving government assistance
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- developed interviews
 - transcribed interviews

REFERENCES

Available upon request
