

Renee Barrile, RD PhD

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EDUCATION

- 2004-2008 **Ph.D.** in Nutrition Biochemistry and Metabolism, concentration in Epidemiology
Tufts University, Boston, MA
- 1999-2001 **M.S.** in Nutrition Biochemistry and Metabolism, concentration in Epidemiology
Tufts University, Boston, MA
- 1995-1999 **B.S.** in Nutrition
University of Minnesota, Minneapolis, MN

AWARDS AND MEMBERSHIPS

Four year, partial academic scholarship, University of Minnesota (1995-1999)
Patty Berg Academic and Athletic Achievement Award, (1995 and 1997)
Two year, partial academic scholarship, Tufts University (1999-2001)
1 year pre-doctoral NIH Training grant, (2004-2005)
2 year, merit based fellowship, Tufts University (2005-2007)
Academy of Nutrition and Dietetics, present member
Diabetes Care and Education DPG, present member
Dietetics Educators and Preceptors DPG, present member
Weight Management DPG, Professional Development chair for bariatric subunit

TEACHING AND MENTORING EXPERIENCE

- Lecturer**, UMass Lowell, Lowell, MA **Present**
- Teach undergraduate nutrition courses
 - Advise students
 - Perform service activities
- Adjunct Faculty**, Regis College, Weston, MA **2009-2011**
- Teach undergraduate Nutrition and Pathophysiology
 - Guest lecturer for Normal Nutrition
- Preceptor**, Massachusetts General Hospital, Boston, MA **2008-2011**
- Preceptor for physicians enrolled in the Clinical Preceptorship in Obesity Medicine and Nutrition program.

Preceptor, Massachusetts General Hospital, Boston, MA **2008-2011**

- Act as preceptor for dietetic interns for clinical nutrition and/or specialty rotations. Supervise approximately 8 dietetic interns/year

Mentor, Tufts University, Boston, MA **2004-2008**

- Provide mentoring and supervision for undergraduate biochemistry students. Hired, trained, supervised, and evaluated student work. Taught basic laboratory skills and trained on HPLC methods.

Teaching Assistant, Nutritional Epidemiology, Tufts University, Boston, MA **Fall 2005**

- Independently taught weekly computer laboratory sessions that utilized SAS for epidemiology homework assignments and projects. Assisted with lessons plans and helped prepare homework and test questions. Graded all homework, tests, presentations, and papers. Arranged for guest lecturers. Held office hours and review sessions.

Volunteer, Operation Frontline, Boston, MA **2002-2004**

- Taught nutrition and cooking classes to children and seniors at high risk for malnutrition.

Supervisor, North Shore AIDS Health Project, Gloucester, MA **2002-2003**

- Supervised dietetic intern from University of Massachusetts- Lowell for community nutrition rotation.

NUTRITION EXPERIENCE

Registered Dietitian, Massachusetts General Hospital, Boston, MA **2008-2011**

- Provide individual and group nutrition counseling at multidisciplinary obesity medicine clinic. Assist with program development.

Private Practice, Registered Dietitian **2008-present**

- Provide one and one nutrition consultations for clients. Perform 24 hour recalls and provide follow up on nutrition and fitness goals.
- Developed and currently operate an internet and telephone counseling program for weight loss and weight management patients.

Registered Dietitian, Winchester Hospital, Winchester, MA **2003-2004**

- Health coach for HMR meal replacement program. Teach group nutrition classes.

Program Director, North Shore AIDS Health Project, Gloucester, MA **2001-2003**

- Created a nutrition education and food program for low income individuals affected by HIV/AIDS. Worked closely with various food pantries and community organizations to obtain and distribute food at 3 locations. Also

supervised volunteers for congregate dining program. Attended health fairs and gave presentations to promote healthy eating. Serve Safe certified.

Dietetic Intern, Coordinated Program at the University of Minnesota **1997-1999**

- Rotations include in and outpatient medical nutrition therapy, community nutrition, and food service. Specialty rotations in diabetes research.

RESEARCH EXPERIENCE

Registered Dietitian, Massachusetts General Hospital, Boston, MA **2008-2011**

- Collect and analyze clinical data to evaluate program effectiveness. Participate in journal club and research meetings.

Doctoral Graduate Student, Tufts University, Boston, MA **2004-2008**

- Collected and analyzed data for epidemiological study of the effect of folic acid fortification on folate metabolism using data from the Framingham Offspring Cohort. In addition to complex epidemiological analysis, the project required HPLC and molecular biology method development. Wrote papers, assisted with grant writing, and presented results at scientific conferences.

Research Dietitian, Tufts University, Boston, MA **2005-2006**

- Worked part time to develop and administer low glycemic diets for clinical weight loss study.

Graduate Student (Master's degree), Tufts University, Boston, MA **1999-2001**

- Collected and analyzed data for epidemiological study on vitamin status and heart disease risk factors.

PUBLICATIONS AND PRESENTATIONS

Kalmbach R, Paul L, Selhub J. Determination of unmetabolized folic acid in human plasma using affinity HPLC. *Am J Clin Nutr.* 2011 Jul;94(1):343S-347S.

Kalmbach R., "Surgical Treatment for Obesity," presented for health educators at WedMD, Indianapolis, IN, February 2011.

Kalmbach R. and Kaplan L., "The Emerging Role of Surgical Treatment for Type 2 Diabetes," presented at the Food and Nutrition Conference and Expo for the American Dietetic Association, Boston, MA, November 2010.

Kalmbach R and Skoropowski J. "Vitamin Deficiencies Following Weight Loss Surgery." *Weight Management Matters.* 2009;7(1): 9-11.

Kalmbach R., "Weight Loss Surgery as Treatment for Type 2 Diabetes," presented as a webinar for the Weight Management Dietetic Practice Group, March 2008.

Kalmbach R., "Weight Loss Surgery as Treatment for Type 2 Diabetes," presented at the Massachusetts Dietetic Association annual meeting, Boston, MA, February 2008.

Kalmbach R., Choumenkovitch S, Troen A, Jacques PF, Selhub J. "Folic acid in circulation: Relation to folic acid fortification." *Am J Clin Nutr.*, 2008;88(3): 763-8.

Kalmbach R., Choumenkovitch S, Troen A, Jacques PF, Selhub J. "Folic acid intake modifies the relationship between the dihydrofolate reductase polymorphism and measures of folate status," *J Nutr.* 2008: 138(12):2323-7.

Kalmbach R., Choumenkovitch S, Troen A, Jacques PF, D'Agostino R, Selhub J. "A mutation in dihydrofolate reductase has a functional effect on folate metabolism," presented at Federation of American Societies of Experimental Biology (FASEB) meeting, San Diego CA., 2008.

Kalmbach R., Choumenkovitch S, Troen A, Jacques PF, Selhub J. "The effect of folic acid fortification on unmetabolized folic acid concentrations," presented at FASEB, Washington D.C., 2007.

Kalmbach R., "Methodology to measure folate forms in plasma," poster presentation at Friedman School Symposium, 2007.

Kalmbach R. "Healthy eating and stress," presented for Baldwin Park real estate group, 2003.

Kalmbach R. "Healthy eating during the holidays," presented for North Reading YMCA, 2003.

Kalmbach R. "Meal replacements for weight loss and weight management," presented for Winchester Hospital and McCall Middle School Health Fair, both in 2003.

Kalmbach R. "Interactions between herbal supplements and HIV medications," presented at the South Carolina Department of Public Health: Bridging Community and Clinical Perspectives, Charleston, SC, 2002.

Kalmbach R. "The relationship between riboflavin and plasma total homocysteine in the Framingham Offspring cohort is influenced by folate status and the C677T transition in the methylenetetrahydrofolate reductase gene," presented at Federation of American Societies of Experimental Biology (FASEB), Orlando, FL, 2001.

Jacques PF, **Kalmbach R.**, Bagley PJ, Russo GT, Rogers G, Wilson PW, Rosenberg IH, Selhub J. The relationship between riboflavin and plasma total homocysteine in the Framingham Offspring cohort is influenced by folate status and the C677T transition in the methylenetetrahydrofolate reductase gene. *J Nutr.* 2002;132(2):283-8.