

**Dale E. Brigham, Ph.D.**  
Teaching Associate Professor  
Nutrition and Exercise Physiology  
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**EDUCATION:**

- 1995 Ph.D. Human Nutrition, Pennsylvania State University  
Dissertation topic: Effect of iron deficiency on plasma thyroid hormone kinetics in iron-deficient rats at two environmental temperatures.
- 1985 M.S. Nutrition, Texas Tech University  
Thesis topic: Effects of dietary selenium, silver, and methionine on glutathione peroxidase activity and cataracts in mice.
- 1977 B.S. Biology, Texas A&M University (summa cum laude)

**WORK EXPERIENCE:**

2012-Present – Teaching Associate Professor, Nutrition and Exercise Physiology, University of Missouri. Lead instructor and course coordinator for NS 1034 (Nutrition, Current Concepts and Controversies).

2006-2012 -- State Nutrition and Fitness Specialist, Nutritional Sciences Extension, College of Human Environmental Sciences, University of Missouri-Columbia. Develop and implement programs that promote healthy eating and physical activity, in cooperation with campus and regional faculty. Develop and disseminate print and electronic resources that support the programs of campus and regional faculty. Provide leadership, expertise, and technical assistance to collaborative projects and partnerships. Co-direct MU Healthy Lifestyle Promotion Initiative, a multi-year, multi-community obesity prevention project. Serve as liaison to local, state, and national organizations and agencies that partner with MU Extension in nutrition and physical activity programming. Develop and teach introductory nutrition and study abroad courses.

2002-2006 - Health Educator III, Health Promotion Unit, Missouri Department of Health and Senior Services (MDHSS) - Served as Physical Activity Coordinator for the State Nutrition and Physical Activity Program to Prevent Obesity and Other Chronic Diseases, MDHSS Physical Activity Program Manager, and MDHSS Worksite Health Promotion Program Coordinator. Administered annual employee physical activity campaign with over 1,000 participants. Responsible for developing implementation and evaluation plan for physical activity

interventions, developing and implementing the community-based interventions, and monitoring intervention activities across the state.

1997-2001 - Assistant Professor of Nutrition and Fitness and State Extension Specialist, University of Missouri-Columbia - Served as liaison to community and state agencies and organizations, including Missouri Department of Health, the Governor's Council on Fitness and Health, and the (Columbia) Mayor's Council on Physical Fitness and Health. Trained educators and community professionals conducting health intervention programs. Secured and managed grants and contracts, including budgets and reporting. Led/coordinated research projects on health-related topics. Developed research protocols and conducted human research. Prepared research manuscripts for publication. Made presentations on research findings. Supervised students, faculty and staff. Conducted educational outreach programs on topics related to health, nutrition and fitness.

1996-1997 - Post-Doctoral Research Associate, School of Medicine, Texas Tech University, Lubbock, TX - Conducted bio-medical research in laboratory setting.

1994-1995 - Continuing and Distance Education Program Specialist - Pennsylvania State University, College of Health and Human Development - Planned, coordinated and managed educational conferences for health professionals.

1987-1994 - Graduate Research Associate - Pennsylvania State University, College of Health and Human Development - Developed research protocols and conducted animal and human research. Taught undergraduate courses. Assisted in preparing grant applications and in managing grants/contracts. Prepared research manuscripts for publication. Made presentations on research findings.

1984-1987 - Nutrition and Fitness Consultant - St. Joseph Hospital Health and Fitness Center, Albuquerque, New Mexico - Developed and delivered nutrition and fitness educational programs for patients and clients. Planned, delivered and evaluated wellness program for business and corporate clients.

1981-1984 - Graduate Research Assistant - Texas Tech University, Department of Nutrition - Taught undergraduate courses in human nutrition. Worked with major professor on research and publications.

1980-1981 - High School Science Teacher, Spur High School, Spur, Texas

1977-1979 - Graduate Teaching Assistant, Biological Sciences, University of Colorado

## **PROFESSIONAL SERVICE AND LEADERSHIP:**

### **National:**

USDA CSREES National Research Initiative Human Nutrition and Obesity proposal review panelist (2008 and 2010); Invited external reviewer (2011).

**State and Local:**

Missouri Safe Routes to School State Network School Wellness Policy Workgroup Co-Leader, 2009-2012

American Heart Association Missouri Public Advocacy Committee, 2006-2012

Action For Healthy Kids State Team Leader. Developed Missouri State Action For Healthy Kids plan, 2006-2012

MO Council for Activity and Nutrition. Worksite Wellness Work Team leader and member 2006-2008; Built Environment Interest Group leader, 2008-2012

Missouri Local School Wellness Policy Committee, 2005-2012

Missouri Employee Health and Fitness Day, Site Coordinator, 2005

Obesogenic Environments Work Group, St. Louis University School of Public Health, 2004-2012

Missouri Safe Routes To School Coalition, Member, 2006-2009

Columbia Public Schools Partners in Education (PIE). HES Extension liaison with Lee Elementary School, 2006-2008

Missouri Bicycle and Pedestrian Advisory Committee, Member, 1997-2006

Missouri State Physical Activity Strategic Plan work Group, Chair, Missouri Department of Health and Senior Services, 2002-2003

Missouri Committee for Youth Physical Activity Media Campaign (VERB), Centers for Disease Control, 2002

Columbia Health Adventure Center Advisory Committee, 1998-1999

Columbia Mayor's Council on Physical Fitness and Health, Co-Chair, 1999-2002

Missouri Nutrition Network Coordinating Board, 1998-2001

Governor's Council on Physical Fitness and Health, 1998-2002

Missouri Cardiovascular Health Advisory Board, Heart Healthy Community Resource Identification Project, Missouri Department of Health and Senior Services, 1997-2002

**University of Missouri-Columbia:**

MU Faculty Advisor, Mizzou Tri-gers Triathlon Club, 2009-present

MU Faculty Advisor, Mizzou Waterski and Wakeboard Club, 2010-present

MU Faculty Advisor, Students Walking Students (Walking School Bus support group), 2008-present

Tour of Missouri; designated MU representative on Columbia Planning Committee for 2007 Tour of Missouri bicycle stage race.

Show-Me State Games; technical advisor to Show-Me Shape Up and Shape-Up Missouri physical activity campaigns, 2006-2011

Student Organization, Governments, and Activities (SOGA) committee member and Chair, Student Organization Recognition CQI Team, 1999-2001

**College of Human Environmental Sciences, University of Missouri-Columbia:**

Healthy Lifestyle Initiative Co-Director and HLI Extension Associate Search Committee Chair, 2007-2012

Extension Nutrition and Health Strategic Planning Team, Nutrition and Health Base Team, Co-Chair, 1999-2001

"A New You-Living in a Healthy Body" curriculum design team co-chair, 1999-2001

Cass County Regional Nutrition Specialist Search Committee, 1999

Scotland County Regional Nutrition Specialist Search Committee, 1999

Greene County Regional HES Specialist Search Committee, 1998

FNEP State Coordinator Search Committee Chair; 1998

Camden County Regional HES Specialist Search Committee, 1997

**Department of Nutritional Sciences, University of Missouri-Columbia:**

MU Nutrition and Wellness Association, Faculty Advisor, 1997-2001

Human Nutrition Journal Club, Faculty Sponsor, 1998-2000

Human Nutrition Graduate Committee, 1997-1999

Nutritional Sciences Research Seminar Series Speaker Committee, 1997-2001

**Missouri Department of Health and Senior Services:**

"MOve for Your Health" Physical Activity Challenge, Coordinator, 2002-2005

Worksite Health Promotion committee, Chair, 2002-2006

STEPS to a Healthier U.S., Missouri Community Planning Committee, 2004

Professional Development Team, 2002-2003

**EXTENSION and OUTREACH: Current and Recent Programs, Projects, and Accomplishments:**

Healthy Lifestyle Initiative (HLI) – Co-Director. Led search committee for hiring four HLI Extension Associates. Solicited letters of interest and from 17 counties. Coordinated Pilot Site selection process. Coordinated orientation for project staff. Co-supervise HeLP staff and co-direct ongoing project which engages 4 Regional Pilot Sites and 9 expansion communities receiving technical assistance, training, and program resources. (2007-2012).

The Mediterranean Diet and Lifestyle ISE – Course Co-instructor. Co-developed course syllabus and itinerary. Developed course promotional materials and led student and faculty recruitment process. Coordinated travel plans and supervised course financial account. Served as contact for students and faculty. Led course orientation sessions. Participated in MU Study Abroad instructor training and coordinated display for MU Study Abroad Fairs. (2007-2012)

Missouri Safe Routes to School State Network – Co-Leader for School Wellness Policy Workgroup, 2009-Present. Collaborated on funding proposal submitted to National Safe Routes to School Coalition. Working with MO Safe Routes to School Network and local and state-level partners and stakeholders to analyze school policies that impact student walking and bicycling, carry out SRTS training workshops at locations around the state, and advise school boards on policies and practices. Attended and successfully completed Safe Routes to School State-Level Instructor Training in Nov. 06.

Healthy Staff for Healthy Schools – Program co-leader. Ongoing project is a school staff wellness program that addresses physical activity, healthy eating, and stress management. Provided training to 264 school nurses in 6 locations statewide. Products to date include two self-produced fitness videos, of which over 500 copies have been distributed to Missouri schools and

FNEP staff. Added website content includes healthy recipes, wellness newsletters, and other nutrition and physical activity information. (2007-2012)

Summers at Mizzou Course – High Tech Health and Fitness. Course coordinator, co-developer, and co-instructor. (2008-present)

BMI and Your Child's Health – Website and brochure/guidesheet publication developed with Robin Gammon. Cooperative effort involving campus and regional MU Extension faculty, in addition to school nurses, teachers, and administrators. (2007-2008)

Local School Wellness Policy Development and Training – Work with HES Extension colleagues and MO DESE and DHSS staff to develop school wellness model policy and providing training to school and Extension staff statewide. (2006-2008)

USDA NRI/AFRI Obesity Research Proposal – Collaborator on research proposal and project planning group (2008-present).

Health Literacy Project – Collaborator on research proposal and project planning group.

## **SCHOLARSHIP:**

### **Peer-Reviewed Publications:**

Beard, J.L., Brigham, D.E., Kelley, S.K., and Green, M.H. (1998) Plasma thyroid hormone kinetics are altered in iron-deficient rats. *J. Nutr.* 128: 1401-1408

Lukyanenko, Y.O., Carpenter, A.M., Brigham, D.E., Stocco, D.M., and Hutson, J.E. (1998) Regulation of Leydig cells through a steroidogenic acute regulatory protein-independent pathway by a lipophilic factor from macro phages. *J. Endocrinol.* 158(2): 267-75

Brigham, D.E., Little, G., Lukyanenko, Y.O., and Hutson, J.E. (1997) Effect of cWodronate-containing microsomes on testicular macrophages and Leydig cells in vitro. *J. Endocrinol.* 155: 87-92

Brigham, D.E., and Beard, J.L. (1996) Iron and thermoregulation: A review. *CRC Crit. Rev. Food Sci. Nutr.* 36: 747-763

Brigham, D.E., and Beard, J.L. (1995) Effect of thyroid hormone replacement in irondeficient rats. *Am. J. Physiol.* 269 (Regulatory Integrative Compo Physiol. 38): R1140R1147.

Beard, J.L., Zhan, C.S., and Brigham., D.E. (1995) Growth in iron-deficient rats. *Proc. Soc. Exp. Biol. Med.* 209: 65-72

Brigham, D.E., Beard, J.L., Krimmel, R.S., and Kenney, W.L. (1993) Changes in iron status during a competitive season in female collegiate swimmers. *Nutrition* 9: 418-422

Borel, M., Smith, S., Brigham, D., and Beard, I. (1991) The impact of varying degrees of iron nutrition on functional consequences of iron deficiency in rats. *J. Nutr.* 121: 729736

### **Abstracts:**

Healthy Lifestyle Initiative – Community Survey Results. University of Kansas Obesity Conference, Kansas City, 2008

Brigham, D.E., Morris, J.S., Spate, V.L, Gudino, A., Veatch, A.E., Ellersieck, M.R., and Sunde, R.A.. (2001) Distribution and determinants of selenium status in Missouri adults. *FASEB J.* (EB 2001 abstract)

Kubas, K., Lutz, S., Ellersieck, M., and Brigham, D. (2000) Dietitians' attitudes, knowledge, and practices regarding exercise counseling. *FASEB J.* (EB 2000 abstract)

Brigham, D.E., Kelley, S.K., Green, M.H., and Beard, J.L (1994) Effect of environmental temperature on thyroid hormone kinetics in iron-deficient rats. *FASEB J.* 8: A921

Brigham, D.E., and Beard, J.L. (1992) Effect of thyroid hormone replacement on norepinephrine turnover and thyroxine 5'-deiodinase activity in iron-deficient rats. *FASEB J.* 6: A1790

Beard, I.L., Brigham, D.E., Krimmel, R.S., and Kenney, W.L. (1992) Changes in iron status during a competitive season in college female swimmers. *Proceedings of the Amer. Soc. Clin. Nutr.* 32nd Annual Meeting: A11

Brigham, D.E., and Beard, J.L. (1991) Effect of cold exposure on thyroxine 5'-deiodinase activity in iron-deficient rats. *FASEB J.* 5: A558

Brigham, D.E., and Beard, J.L. (1990) Effect of triiodothyronine infusion on thermoregulation of iron-deficient rats. *FASEB J.* 4: A278

Brigham, D.E., Hu, M.L., Lamberts, D.A, and Spallholz, I.L. (1983) Effect of dietary selenium and silver on tissue glutathione peroxidase activity and incidence of cataracts in mice. *Fed. Proc.* 42: 927

### **Conference Presentations (Oral):**

Safe Routes to School – National, State, and Local Perspectives. Missouri Coordinated School Health Conference, 2007

Evaluation of the Shape Up Missouri Physical Activity Campaign. Inaugural Network Meeting for Public Health Physical Activity Practitioners, 2005

Effect of environmental temperature on thyroid hormone kinetics in iron-deficient rats. Experimental Biology, 1994

Effect of thyroid hormone replacement on norepinephrine turnover and thyroxine 5'deiodinase activity in iron-deficient rats. FASEB, 1992

Effect of cold exposure on thyroxine 50-deiodinase activity in iron-deficient rats. FASEB, 1991

Effect of triiodothyronine infusion on thermoregulation of iron-deficient rats. FASEB, 1990.

Effect of dietary selenium and silver on tissue glutathione peroxidase activity and incidence of cataracts in mice. FASEB, 1983

### **Conference Presentations (Poster):**

Healthy Lifestyle Initiative – Community Survey Results. MU Nutrition and Exercise Research Week, MU Campus, April 2009.

Healthy Lifestyle Initiative – Community Survey Results. University of Kansas Obesity Conference, Kansas City, 2008

Evaluation of the Shape Up Missouri Physical Activity Campaign. University of Kansas 7th Annual Conference on the Treatment of Overweight and Obese Individuals, 2005.

Distribution and determinants of selenium status in Missouri adults. Experimental Biology, 2001

Dietitians' attitudes, knowledge, and practices regarding exercise counseling. Experimental Biology, 2000

Changes in iron status during a competitive season in college female swimmers. American Society of Clinical Nutrition, 1992

### **Courses Developed and Taught:**

Nutritional Sciences (NS) 1034 - Co-Instructor with Dr. Jo Britt-Rankin from Fall 2006 to Fall 2008; Lead Instructor for course from Spring 2009 to Present

#### **Nutritional Sciences 1034: Nutrition – Current Concepts and Controversies**

Basic nutrition principles and current controversies are presented. Emphasis is on role of nutrition in maintaining health as well as exploring the scientific validity of popular nutrition beliefs. The course is divided into four major parts, which include the six major nutrient groups, the physiology of nutrient digestion and utilization, the tools for choosing healthy diets, nutrition needs and issues throughout the lifespan, and topics that affect nutrient needs (e.g., physical activity, weight control, food safety, etc.).



<b><u>Semester:</u></b>	<b><u>Enrollment:</u></b>	<b><u>Mean Student Evaluation Score:</u></b>
Fall 2006*	312	4.2
Spring 2007*	571	4.4
Fall 2007*	393	4.5
Spring 2008*	582	4.6
Fall 2008*	566	4.7
Spring 2009	764	4.8
Fall 2009	694	4.8
Spring 2010	781	4.8
Fall 2010	691	4.6
Spring 2011	775	4.7
Fall 2011	714	4.5
Spring 2012	780	4.6
Fall 2012	698	4.5
Spring 2013	1208	4.8
Fall 2013	1052	4.7
Spring 2014	1181	Pending

\* Equally shared teaching load with co-Instructor, Dr. Jo Britt-Rankin in these semesters. In subsequent semesters, Dr. Britt-Rankin guest lectured and led the Honors By Contract/Honors sections.

Nutritional Sciences Study Abroad Course. *The Mediterranean Diet and Lifestyle*, NS 3131. Summer Semesters 2008 to Present. Co-taught with Ann Cohen and LeGreta Hudson

Nutritional Sciences 7500 – Research in Nutritional Sciences. Independent research project for graduate students. Spring 2010

Nutritional Sciences 7085 – Problems in Nutritional Sciences. Seminar participation course for graduate students. Fall 2009 to Present.

Nutritional Sciences 434 - Nutrition in Human Health. Developed course outline, created course schedule, and recruited instructors.

Nutritional Sciences 300 - Effective Curricula and Instruction to Enhance the Health of Children and Youth. Co-developed and taught with Dr. Jo Britt-Rankin for classroom teachers. (1999)

### **Graduate Advisement:**

Emily Crowe, M.S.; Committee member; planned degree completion 2014

Colin Wunder, M.S.; Committee member; planned degree completion 2014

Caitlyn Burgard, M.S.; Advisor and committee chair; completed degree 2012

Karen Kubas, M.S.; Advisor and committee chair; completed degree 2001

Jo Britt-Rankin, Ph.D.; Committee member; completed degree 2000

Therese Miller, Ph.D.; Committee member; completed degree 2000.

Kari Hecker, M.S.; Committee member; completed degree 1998.

## **OUTREACH AND SERVICE:**

### **Research:**

Healthy Lifestyle Initiative – Community Survey Results (2008)

Evaluation of the 2004 Shape-Up Missouri Physical Activity Campaign: conducted for Missouri Governor's Council on Physical Fitness and Health (2004-2005)

Dietitians, Beliefs, Knowledge, and Practices Regarding Exercise Counseling: supervised research with HNFFSN M.S. student, Karen Kubas (2001)

Missouri Selenium Status Survey Project: Joint project with MU Research Reactor, conducted with Dr. Steve Morris. (2000)

### **MU Guest/Invited Lectures:**

Nutritional Sciences 1340: Introduction to Fitness and Exercise – Sports Nutrition (2007)

Naval Science 4940: Leadership and Ethics – Nutrition and Physical Performance (2008)

Nutrition and Health Presentations to dorm associations, sororities, and student groups (3 presentations in 2008)

### **Presentations, Seminars, Workshops:**

“Tigers in Tuscany: The MU Nutritional Sciences Mediterranean Diet and Lifestyle Study Abroad Italy Program.” MU Nutritional Sciences Department Seminar Series; October, 2008

“Pills, powders can't replace training and diet for young athletes, MU Extension experts say.” Print article and video released by MU Cooperative Media Group, 2007

MU Extension Annual Conference. Planned and delivered physical activity/fitness track workshop sessions for Annual Conference, 2007.

Healthy Staff For Healthy School program training workshops. Training delivered to 264 Coordinated School Health school nurses in 6 locations in Missouri, 2007.

"Let's Get Walking" exhibit coordinator at Univ. of Kansas Obesity Conference, Kansas City, 2006.

Northeast Region FNEP and Secretarial Staff Training, Kirksville, 2006. Presented on fitness walking resources.

Local School Wellness Policy Trainings, April 06 (Jefferson City) and July 06 (Cole Co. Extension Office). Presented Physical Activity and PE section of school wellness policy training to school teachers, nurses, administrators and MU Extension faculty.

"Evaluation of the Shape-Up Missouri Physical Activity Campaign," Inaugural Network Meeting for Public Health Physical Activity, Centers for Disease Control, 2005

"Physical Activity Resources for Afterschool Programs," Missouri Afterschool Summit, 2005

"Media Literacy: An Innovative Approach for Prevention and Management of Childhood Overweight," co-presenter, Missouri Department of Health and Senior Services, 2004-2005.

"Growing Stronger," University of Missouri Extension annual conference, 2004.  
Missouri FNEP Annual Conference, St. Joseph, MO, 1999

PIE 205A, "A Healthy New You," 1999. Training for 25 Extension Health and Nutrition educators

United States Cycling Federation National Junior/Espoirs Road Development Camp, Lubbock, TX, July 1999. Head sports scientist for national training camp for cyclists.

Missouri Nutrition Network training, Lake of the Ozarks, 1999

"Exercise Physiology and Sports Nutrition," Missouri 4-H State 4-H Congress, 1999

"The Home Gym," FNEP Annual Conference, 1999

"Exercise for Seniors -- Our Fountain of Youth," SEMO Gerontology Conference, 1999

"The State of Missouri's Health," Governor's Council on Physical Fitness and Health quarterly meeting, 1999

"Where You Fit In," ITV training for Missouri FNEP and Head Start staff, 1998

"Sports Drinks are Valuable," article/interview released by MU News Bureau and Radio News Service, 1998

"Physical Activity Programs in Schools," KOMU TV, 1998

"The Exercise Connection," FNEP Annual Conference, 1998

College of HES student recruitment program, Chillicothe (MO) High School, 1998

### **Creative Works:**

"BMI and Your Child's Health," print and online information brochure, 2008

"Let's Get Walking," print and online information brochure for fitness walking, 2007

Nutritional Sciences Extension E-newsletter. Creator and editor of electronic newsletter ("What's Happening... In Nutritional Sciences Extension") that serves to connect Nutritional Sciences Extension faculty across the state, 2006-present

"Criteria for Obesity Prevention Interventions", planning framework and guide, coauthor, disseminated by Missouri Department of Health, 2005

Local School Wellness Policy--Physical Activity and PE chapter, policy guide for school districts, distributed by Missouri School Boards Association, 2005

"Inventory of State Resources for Obesity Prevention and Control," resource guide disseminated by Missouri Department of Health, 2004

"Guide to Pedometer Use," resource guide disseminated by Missouri Department of Health, 2004

"Community Nutrition, Physical Activity and Tobacco Policy and Environment Inventory," assessment too~ co-author, disseminated by Missouri Department of Health, 2003

"A New You - Living in a Healthy Body", curriculum manual design team member, University of Missouri Extension, 1999

"Eat for Health" publication series (EFH 1000-1111), 4 tip sheets and 8 menu cards with recipes, cooking instructions and shopping lists. Adapted Missouri Nutrition Network materials for University of Missouri Extension, 1999

"Exercising alternatives for staying fit in New Year" article/interview released by MU News Bureau and Radio News Service, 1999

"State of Missouri's Health" PowerPoint presentation and guide book, co-authored with Dr. Tom LaFontaine, 1998

*The Grapevine*, the Nutrition Resource Network publication, University of Missouri Extension, contributor, 1998-1999

## **Grants and Contracts:**

MU Extension Healthy Lifestyle Initiative; \$760,000 over 3 years; Co-Investigator

Missouri Foundation for Health Healthy and Active Communities Implementation Support Team. Contract program (grant amount dependent on contact hours with community partners); Co-investigator

Healthy Staff for Healthy Schools grant from Action For Healthy Kids/Anthem Blue Cross. \$5,000, 2006

University Outreach and Extension Program Implementation Experience grant for "New You" \$3,200, 1999

Nutrition Education and Local Network Coordination., Missouri Nutrition Network, Missouri Department of Health. \$47,437, 1998-1999

Nutrition Education and Campaign Design Project, Missouri Nutrition Network, Missouri Department of Health. \$94,537, 1997-1998

## **HONORS:**

MU Tigers Honorary Coach – Men’s Basketball (2008), Women’s Softball (2009, 2012), Women’s Gymnastics (2010) and Men’s Baseball (2010) Teams

Recipient of 2007 HES Extension Team Accomplishment Award for teamwork on model school wellness policy development

Recipient of MO DHSS 2006 Director’s Award for teamwork on model school wellness policy development

Recipient of the 1995 Penn State Continuing and Distance Education Program Development Award

Finalist for the 1993 John M. Kinney International Award for Nutrition and Metabolism

Recipient of PSU Graduate Program in Nutrition competitive research grant (1992-93)

## **PROFESSIONAL DEVELOPMENT:**

Built Environment Assessment Training Institute, Atlanta, 2008.

Safe Routes to School State-Level Instructor Training, Kansas City, 2006

USDA/CSREES Grant Workshop, Kansas City, 2006

Action For Healthy Kids State Team Leaders Workshop, Denver, 2006

Missouri Takes Action on Obesity Conference, Jefferson City, 2006

Association for Size Diversity and Health Conference, Cleveland, 2006

CDC Diabetes and Obesity Prevention and Control Conference, Denver, 2006.

CDC International Physical Activity Congress, Atlanta, 2006

Evidence-Based Decision-Making Course, St. Louis University School of Public Health, St. Louis, 2005

Formative Research in Public Health, Centers for Disease Control, Atlanta, 2005

Health Summit: "Weighing in on Kids' Obesity--Strategies that Work," Missouri Foundation for Health, St. Louis, 2005

Obesity-Prevention Program Evaluation Workshop, Centers for Disease Control, Atlanta, 2004

Physical Activity in Public Health Practitioners Course, Centers for Disease Control and Univ. of South Carolina School of Public Health, Park City, Utah, 2004

Missouri Trail Summit, Missouri Department of Natural Resources, Columbia, 2004

Annual Chronic Disease Conferences, Centers for Disease Control, Atlanta, 2003-2005

Safe Routes to School Workshop, KC Metropolitan Area Regional Council, Kansas City, 2003

University of Kansas Obesity Conference, Kansas City, 2003

Youth Physical Activity Conference, Centers for Disease Control, Washington, D.C., 2002

Physical Activity Institute, Centers for Disease Control and Prevention, Washington, D.C., 1998

AIM 30 Regional Conference, Centers for Disease Control and Prevention, Birmingham, Alabama, 1998

Healthy People 2010 Conference, U.S. Dept. Health and Human Services, Chicago, 1998

MU Program for Excellence in Teaching New Faculty Development Retreat, Jefferson City, 1997