

**CURRICULUM VITAE**

Katrina Leigh Drowatzky DuBose  
 174 Minges Coliseum  
 Department of Exercise & Sport Science  
 East Carolina University  
 Greenville, NC 27858  
 252-328-1599  
 dubosek@ecu.edu

**EDUCATION**

<u>Institution</u>	<u>Degree</u>	<u>Year</u>	<u>Field</u>
University of South Carolina	Ph.D.	2003	Exercise Physiology Minor: Epidemiology
<i>Dissertation:</i> Factors Associated with the Metabolic Syndrome: An Examination of the Third National Health and Nutrition Examination Survey (Advisor: Dr. Barbara E. Ainsworth).			
University of South Carolina	M.S.	1999	Exercise Physiology
<i>Thesis:</i> The Association between Physical Activity and Lipoprotein(a) Concentrations in Women (Advisor: Dr. J. Larry Durstine).			
University of Toledo	B.S. in Ex. Sc.	1996	Exercise Physiology (cum laude)

**Other Education Experiences**

2004 Post-Doctoral Fellow, Physical Activity and Public Health Research Directions and Strategies Course by Centers for Disease Control and Prevention and the University of South Carolina.

**PROFESSIONAL EXPERIENCE**

2005-present Assistant Professor, College of Health & Human Performance, Department of Exercise & Sport Science, East Carolina University, Greenville, NC

2008-present Adjunct Assistant Professor, Brody School of Medicine, Department of Public Health, East Carolina University, Greenville, NC

2005-2008 Adjunct Assistant Professor, Brody School of Medicine, Department of Family Medicine, East Carolina University, Greenville, NC

2003-2005 Post-Doctoral Fellow, Center for Physical Activity & Weight Management, Schiefelbusch Institute for Life Span Studies, University of Kansas, Lawrence, KS

1997-2003 Graduate Research Assistant, Department of Exercise Science, University of South Carolina, Columbia, SC

- 1996-1997 Graduate Teaching Assistant, Department of Exercise Science, University of South Carolina, Columbia, SC
- 1993-1996 Fitness Consultant for the Wellness Center in the Student Recreation Center, University of Toledo, Toledo, OH

## PUBLICATIONS

### Printed Publications (Peer Reviewed)

Karvinen KH, **DuBose KD**, Carney B, Allison RR. Physical activity promotion among oncologists in the United States. *J Support Oncol*. 2010;8(1):35-41.

Donnelly JE, Greene JL, Gibson CA, Smith BK, Washburn RA, Sullivan DK, **DuBose KD**, Mayo MS, Schmelzle KH, Ryan JJ, Williams SL, Jacobsen DJ. Physical Activity Across the Curriculum (PAAC): a randomized, controlled trial to diminish obesity. *Prev Med* 2009;49:336-341.

Davis K, Kang M, Boswell B, **DuBose KD**, Altman S, Binkley H. Validity and Reliability of the Medicine Ball Throw for Kindergarten Children. *J Strength Cond Res* 2008;22:1958-63.

Gibson CA, Smith BK, **DuBose KD**, Greene JL, Bailey B., Williams SL, Ryan J, Schmelzle KH, Washburn RA, Sullivan DK, Mayo M, Donnelly JE. Physical Activity Across the Curriculum: Year one process evaluation results. *Int J Behav Nutr Phys Act*. 2008;5:36.

**DuBose KD**, Mayo MS, Gibson C, Greene JL, Hill JO, Smith B, Sullivan DK, Washburn RA, Donnelly JE. Physical activity across the curriculum (PAAC): Rational & Design. *Contem Clini Trials*. 2008;29:83-93.

Eisenmann JC, **DuBose KD**, Donnelly JE. Fatness, fitness and insulin resistance among 7-9 yr old children. *Obesity Research*, 2007;15:2135-2156.

**DuBose KD**, Edwards S, Ainsworth BE, Reis JP, Slattery ML. Validation of a historical physical activity questionnaire in middle-aged women. *J Phys Act Health*. 2007;4:343-355.

Ham SA, Reis JP, Strath SJ, **DuBose KD**, Ainsworth BE. Discrepancies in Identifying Objectively Determined Physical Activity Bouts. *Med Sci Sport Exerc*. 2007;39:52-8.

Rowe DA, **DuBose KD**, Donnelly JE, Mahar MT. Agreement between skinfold-predicted percent fat and percent fat from whole-body bioelectrical impedance analysis in children and youth. *Int J Pediatr Obes*. 2006;1:168-175.

**DuBose KD**, Stewart EE, Charbonneau SR, Mayo MS, Donnelly JE. An Evaluation of the Prevalence of the Metabolic Syndrome in Elementary School Children. *Acta Paed.* 2006; 95(8):1005-11.

Gibson CA, Bailey BW, LeCheminant JD, Kirk EP, Carper MJ, Hauh G, **DuBose KD**, Donnelly JE. Author contacts for retrieval of data for a meta-analysis on exercise and diet restriction. *Int J Technol Assess Health Care.* 2006;22(2):267-270.

Reis JP, **DuBose KD**, Ainsworth BE, Macera CA, Yore MM. Reliability and validity of an occupational physical activity questionnaire: The Study of Occupational Physical Activity (SOPAQ). *Med Sci Sport Exerc.* 2005;37(12):2075-2083.

**DuBose KD**, Addy CL, Ainsworth BE, Hand GA, Durstine JL. The relationship between leisure-time physical activity and the metabolic syndrome: An examination of NHANES III, 1988-1994. *J Phys Act Health.* 2005;2(4):470-487.

Tudor-Locke C, Bassett DR, Jr., Swartz A, Strath S, Parr B, Reis J, **DuBose KD**, Ainsworth BE. A preliminary study of one year of pedometer self-monitoring. *Ann Behav Med.* 2004;28:158-62.

Reis JP, Bowles HR, Ainsworth BE, **DuBose KD**, Smith S, Laditka JN. Non-occupational physical activity by degree of urbanization and geographic region of the United States. *Med Sci Sports Exerc.* 2004; 36:2093-2098.

**DuBose KD**, Kirtland KA, Hooker SP, Fields RM. Physical activity trends over the past six years in South Carolina. *South Med J.* 2004;97:806-810.

Whitt MC, **DuBose KD**, Ainsworth BE, Tudor-Locke C. Walking patterns in a sample of African American, Native American and Caucasian women: The Cross-Cultural Activity Participation Study. *Health Educ Behav* 2004;31:45s-56s.

Van Vrancken C, Bopp CM, Reis JP, **DuBose KD**, Kirtland K, Ainsworth BE. The prevalence of leisure-time physical activity among diabetics in South Carolina. *South Med J* 2004;97:141-4.

LaMonte MJ, Ainsworth BE, **DuBose KD**, Grandjean PW, Davis PG, Yanowitz FG, Durstine JL. The hypertriglyceridemic waist phenotype among women. *Atherosclerosis* 2003;171:1123-30.

Adams SA, Der Ananian C, **DuBose KD**, Kirtland KA, Ainsworth BE. Physical activity levels among overweight and obese adults in South Carolina. *South Med J* 2003;96:539-43.

Whitt MC, Levin S, Ainsworth BE, **DuBose KD**. Observations from the CDC:

Evaluation of a two-part survey item to assess moderate physical activity: The Cross-Cultural Activity Participation Study. *J Women's Health* 2003;12:203-12.

Wang J, Weaver M, **DuBose KD**, Kirtland KA, Ainsworth BE. Participation in physical activity to lower the risk of heart disease or stroke. *J SC Med Assoc* 2002;98:313-15.

Wilcox S, Ainsworth BE, LaMonte MJ, **DuBose KD**. Worry regarding major diseases among older African American, Native American and Caucasian women. *Women & Health* 2002;36:83-99.

LaMonte MJ, Durstine JL, Yanowitz FG, Lim T, **DuBose KD**, Davis PG, Ainsworth BE. Cardiorespiratory fitness and C-reactive protein among tri-ethnic women. *Circulation*. 2002;106:403-06.

**Drowatzky KL**, Brown AS, Kirkner GJ, Ainsworth BE. Prevalence of physical activity among South Carolina adults. *J SC Med Assoc* 2001;97:333-37.

**Drowatzky KL**, Durstine JL, Irwin ML, Moore CG, Davis PG, Hand GA, Gonzalez MF, Ainsworth BE. The associations between physical activity, cardiorespiratory fitness, and lipoprotein(a) concentrations in a tri-ethnic sample of women: The Cross-Cultural Activity Participation Study. *Vascular Medicine* 2001;6:15-21.

**Drowatzky KL**, & Drowatzky JN. Physical activity and bone mineral density. *Clinical Kinesiology*. 2000;54:28-35.

**Drowatzky KL**, & Drowatzky JN. Physical training programs for the elderly. *Clinical Kinesiology*. 1999;53:52-62.

**Drowatzky KL**, Ainsworth BE, Durstine JL. Exercise, lipids, and lipoproteins in women. *Clinical Kinesiology*. 1999;53:26-36.

**Drowatzky KL**, & Woods DA. The effects of bracing and exercise on scoliosis: A case study. *Clinical Kinesiology*. 1997;50:94-8.

**Drowatzky KL**, & Andres FF. Comparison of the Rockport Walking and Cooper walk/run fitness tests. *Clinical Kinesiology*. 1996;50:36-9.

### Electronic Publications (Peer Reviewed)

Eisenmann JC, Laurson KR, **DuBose, KD**, Smith BK, Donnelly JE. Construct validity of a continuous metabolic syndrome score in children. *Diabetol Metab Syndr*. 2010;2:1-8.

Cummings DM, **DuBose KD**, Imai S, Collier D. Gender differences in fitness versus fatness as predictors of insulin resistance in children: Results from NHANES 1999-2002,

*J Obesity*, 2010;2010:1-7. accessible at:

<http://www.hindawi.com/journals/jobes/2010/195729.html>

Seagle HM, Moore JB, **DuBose KD**. An Assessment of the Walkability of Two School Neighborhoods in Greenville, North Carolina. *J Public Health Manag Pract* 2008;14:e1-8.

**DuBose KD**, Eisenmann JC, Donnelly JE. Aerobic fitness attenuates the metabolic syndrome score in normal-weight, at-risk-for-overweight, and overweight children. *Pediatrics*, 2007;120(5):e1262-8.

Shealy P, Lee WJ, **DuBose KD**, Kirkner GJ, Ainsworth BE. Risk factor screening and physical activity status among older South Carolinians. *J SC Med Assoc*. 2004;100:299e-301e.

Fulk L, Strainer S, **DuBose KD**, Kirtland K, Ainsworth BE. Physical activity among South Carolinians with arthritis. *J SC Med Assoc*. 2004;100:11e-13e.

#### In Press

Jillcott SB, Lui H, **DuBose KD**, Chen S, Kranz S. Food stamp participation is associated with fewer meals away from home, yet higher body mass index and waist circumference in a nationally representative sample. *J Nutr Edu Behav*. 2010

#### **Invited Publications**

Donnelly JE, Smith B, Jacobsen DJ, Kirk E, **DuBose KD**, Hyder M, Bailey B, Washburn R. The role of exercise for weight loss and maintenance. *Best Pract Res Clin Gastroenterol*. 2004;18:1009-29.

Durstine JL, Grandjean PW, Davis PG, Ferguson MA, Alderson NL, **DuBose KD**. Blood lipid and lipoprotein adaptations to exercise: a quantitative analysis. *Sports Medicine*. 2001;31:1033-1062.

Durstine JL, Thompson RW, **Drowatzky KL**, Bartoli BP. Leptin and exercise: A new direction. *British Journal of Sports Medicine*. 2001;35:3-7.

Durstine JL, Thompson RW, **Drowatzky KL**, Bartoli BP. Leptin and exercise: Where do we go from here? *Western Journal of Medicine*. 2001;175:1-2.

#### **Newsletters**

Donnelly JE, Stewart EE, **DuBose KD**. America's "Young" Weight Problem. *ACSM Fit Society® Page* Fall 2005: 1-3.

Submitted for Peer-Review

Jilcott S, Edwards MB, Moore J, Shores K, **DuBose KD**, McGranahan DA. Obesity is negatively associated with natural amenities and recreation facilities per capita. *Health & Place* August 2010.

**DuBose KD** & Mahar MT. Evaluation of A School-based Faculty/Staff Wellness Intervention. *Am J Public Health* September 2010.

Samuels T, Raedeke T, Mahar TM, Karvinen KH, **DuBose KD**. A Randomized Trial Evaluating the Impact of Continuous Activity, Short Bouts, and the 10K Step Guideline on Physical Activity Behavior and Self-Efficacy in Physically Inactive Adults. *Prev Med*. September 2010

In Preparation

**DuBose KD**, Hickner RC, Brophy P, Geyer G, Mahar MT, McKune A. Relationship between Physical Activity Levels and the Metabolic Syndrome Score. Target Journal: *Int J Ped Obes*. Status: Finishing the discussion section.

**DuBose KD**, Mahar MT, Rowe, DA. Physical Activity Levels of Overweight and Non-overweight Girls Assessed by Accelerometers, Pedometers, and Questionnaires. Target Journal: *Int J Obes*. Status: revising based on co-author feedback.

Hart S, Mahar MT, Rowe DA, **DuBose KD**, McCammon MR. Effect of sampling interval on objectively measured physical activity in children. *Med Sci Sport Exerc*. Feb 2010 – rejected. Status: revisions in process.

Mozumdar A, Liguori G, **DuBose KD**. Occupational physical activity and risk of coronary heart disease among working-women. *Annals of Human Biology*. Rejected. Status: Revisions in process

McKune A & **DuBose KD**, The effect of physical activity and obesity on androstenedione in young girls. Status: data analysis completed & manuscript is being drafted.

**Abstracts**

**2010** (n=5)

Jilcott SB, Lui H, **DuBose KD**, Chen S, Kranz S. Food stamp participation is associated with fewer meals away from home, yet higher body mass index and waist circumference in a nationally representative sample. Submitted to the American Public Health Association Annual Meeting, Denver, CO, November 6-10, 2010.

**DuBose KD**, Cummings DM, Imai S, Lazorick S, Collier D. Tool for Assessing Glucose Impairment Risk – Development and Validation in Adolescents. Accepted as a poster

presentation to The Obesity Society Annual Meeting, San Diego, CA, October 8-12, 2010.

**DuBose KD** & McKune A. Salivary Cortisol Levels and the Metabolic Syndrome in Young Girls. Accepted as a poster presentation to the Pediatric Work Physiology - North American Society for Pediatric Exercise Medicine Annual Meeting , Niagara-on-the-Lake, Ontario, Canada, September 22-26, 2010.

McKune A & **DuBose KD**. Relationships between salivary androstenedione, body composition and physical activity. *Br J Sports Med* 2010;XXX. Accepted as a poster presentation at the International Sport Science and Sports medicine Conference, Newcastle, England, August 19-21, 2010.

**DuBose KD**, Mahar MT, Sugg M, Munday K. Evaluation Of A School-based Faculty/staff Wellness Intervention. *Med Sci Sport Exerc.* 2010;42(5):S28. Accepted as an oral presentation at the American College of Sports Medicine National Conference, Baltimore, MD June 1-5, 2010.

## 2009 (n=5)

Kemble CD, Mun JB, Rowe DA, **DuBose KD**, Raedeke T, Mahar MT. Accuracy of bioelectrical impedance analyzers in college athletes: Does hydration matter? Submitted to the National Strength and Conditioning Association National Conference Las Vegas, NV, July 8-11, 2009.

Karvinen KH, **DuBose KD**, Allison RR. Use of physical activity as a health tool for cancer patients and oncologists. *J Clin Oncol.* 2009; 27(15s): 9634. Accepted as a poster presentation for the American Society for Clinical Oncology National Conference, Orlando, FL, May 29 – June 2, 2009

Karvinen KH, **DuBose KD**, Allison RR. Barriers to physical activity promotion among oncologists in the United States. *American Radium Society Proceedings 2009*; 59. Accepted as a poster presentation for the American Radium Society 91st Annual Meeting, Vancouver, BC, Canada, April 25-29, 2009

Karvinen KH, **DuBose KD**, Allison RR. Physical activity promotion among oncologists in the United States. *Ann Behav Med.* 2009; 37:s131. Accepted as poster presentation for the Society of Behavioral Medicine Annual Conference, Montreal, Quebec CA, April 22-25, 2009

Heidal KB, **DuBose KD**, Hickner B, Choi MD, Al-Numair K, Johnson C, Stallings T. Stress and Health Status in Male Attorneys. *FASEB J.* 2009;23(5):723.6. Accepted as a poster presentation for Experimental Biology Annual Meeting, San Diego, CA, April 5-9, 2009.

## 2008 (n=3)

Cummings DM, **DuBose KD**, Imai S, Collier D. Gender differences in predictors of insulin resistance in children: Results from NHANES. Accessible on-line at: <http://apha.confex.com/apha/136am/webprogram/Paper174601.html>. Presented as a poster presentation at the American Public Health Association, San Diego, CA, Oct. 25-29, 2008.

**DuBose KD**, Hickner RC, Brophy P, Westerkamp L, Finkelstein J, Mahar MT. Relationship between Physical Activity Levels and the Metabolic Syndrome Score. *Med Sci Sport Exerc.* 2008;40:S225. Presented as a poster presentation at the American College of Sports Medicine National Conference, Indianapolis, IN May 28-31, 2008.

Mahar MT, Smith S, Rowe, DA, **DuBose KD**, McCammon MR. Effect of Sampling Interval on Objectively-measured Physical Activity in Pre-school Children *Med Sci Sport Exerc.* 2008;40:S205. Presented as a poster presentation at the American College of Sports Medicine National Conference, Indianapolis, IN May 28-31, 2008.

## 2007 (n=2)

**DuBose KD**, Addy CL, Ainsworth BE, Hand GA, Durstine JL. Physical Activity's Impact on the Relationship between Socioeconomic Status and the Metabolic Syndrome. *Med Sci Sport Exerc.* 2007;39:S239. Presented as a poster presentation at the American College of Sports Medicine National Conference, New Orleans, LA May 30 – June 2, 2007.

Smith BK, **DuBose KD**, Befort C, Donnelly JE. Changes in the prevalence of the metabolic syndrome in elementary school children following a three year school based physical activity intervention. *FASEB J.* 2007;21(5):A325. Presented poster presentation at The Federation of American Societies for Experimental Biology Conference, Washington DC, April 28 – May 2 2007.

## 2006 (n=3)

**DuBose KD**, Robinson TR, Rowe DA, Mahar MT. Validation of a Modified Version of the Godin-Shepard Leisure-Time Exercise Questionnaire. *Med Sci Sport Exerc.* 2006;38:S564. Presented as a poster presentation at the American College of Sports Medicine National Conference, Denver, CO May 31 – June 3, 2006.

Stewart EE, **DuBose KD**, Smith BK. Weight Management Strategies of Successful Maintainers. *Med Sci Sport Exerc.* 2006;38:S177. Presented as a thematic poster presentation at the American College of Sports Medicine National Conference, Denver, CO May 31 – June 3, 2006.

Ham SA, Reis JP, Strath SJ, **DuBose KD**, Ainsworth BE. Discrepancies in Identifying Objectively Determined Physical Activity Bouts. *Med Sci Sport Exerc.* 2006;38:S102. Presented as a slide presentation at the American College of Sports Medicine National Conference, Denver, CO May 31 – June 3, 2006.

## 2005 (n=5)

Stewart EE, **DuBose KD**, Smith BK, Gibson CA, Donnelly JE. Perception of Weight Management Between Maintainers and Re-gainers Following a Structured Weight Loss/Maintenance Program. *Obes Res.* 2005;13:A84. Presented as a poster presentation at the North American Association for the Study of Obesity National Conference, Vancouver, Canada, October 15-19, 2005.

**DuBose KD**, Gibson CA, Charbonneau SR, Greene JL, Sullivan DK, Washburn RA, Donnelly JE. Impact of an Incentive Program on Teacher Participation in the Physical Activity Across the Curriculum Study. *Obes Res.* 2005;13:A206. Presented as a poster presentation at the North American Association for the Study of Obesity National Conference, Vancouver, Canada, October 15-19, 2005.

**DuBose KD**, Stewart EE, Charbonneau SR, Mayo M, Donnelly JE. An Evaluation of the Prevalence of the Metabolic Syndrome in Elementary School Children. *Med Sci Sport Exerc.* 2005;37:S68. Presented as a thematic poster presentation at the American College of Sports Medicine National Conference, Nashville, TN June 1 – 4, 2005.

Reis JP, **DuBose KD**, Ainsworth BE, Macera CA, Yore MM, Jones DA. Test-retest Reliability and Validity of the Occupational Physical Activity Questionnaire. *Med Sci Sport Exerc.* 2005;37:S110. Presented as a poster presentation at the American College of Sports Medicine National Conference, Nashville, TN June 1 – 4, 2005.

Bailey BW, **DuBose KD**, Washburn RA, Gibson C, Charbonneau SR, Mayo MS, Sullivan DK, Donnelly JE. The Influence of a Curriculum Based Physical Activity Intervention on Activity Patterns in Children: Physical activity across the curriculum (PAAC). *FASEB J.* 2005;19(4) pt.1:A569. Presented as a poster presentation at Experimental Biology Conference, San Diego, CA April 2-6, 2005.

## 2004 (n=6)

**DuBose KD**, Gibson CA, Hall M, Bailey B, Kirk EP, LeCheminant JD, Donnelly JE. The Effects of Diet and/or Exercise on Weight Loss in Randomized Controlled Clinical Trials: A Meta Analysis. *Obes Res.* 2004;12:A204. Presented as a poster presentation at the North American Association for the Study of Obesity National Conference, Las Vegas, NV November 14-18, 2004.

Sullivan DK, **DuBose KD**, Gibson CA, Donnelly JE. Calcium and Vitamin D are Related to Systolic Blood Pressure, but not BMI in Children. *Obes Res.* 2004;12:A214. Presented as a poster presentation at the North American Association for the Study of Obesity National Conference, Las Vegas, NV November 14-18, 2004.

**DuBose KD**, Addy CL, Ainsworth BE, Hand, GA, Durstine JL. Physical activity and the metabolic syndrome: An evaluation of NHANES III. *Med Sci Sport Exerc.* 2004;36:S7. Presented as a slide presentation at the American College of Sports Medicine National Conference, Indianapolis, IN June 2 – 5, 2004.

Umstatt MR, McIver KL, Smith S, **DuBose KD**, Ainsworth BE. Cardiovascular Disease Risk Factors and Physical Activity Status Among Older Adults, 2001 BRFSS. *Med Sci Sport Exerc* 2004;36: S192-S193. Presented as a slide presentation at the American College of Sports Medicine National Conference, Indianapolis, IN June 2 – 5, 2004.

Reis JP, Bowles HR, **DuBose KD**, Smith S, Ainsworth BE. Non-occupational physical

activity by degree of urbanization and geographic region of the United States *Med Sci Sport Exerc* 2004;36: S76-S77. Presented as a poster at the American College of Sports Medicine National Conference, Indianapolis, IN June 2 – 5, 2004.

Durstine JL, LaMonte MJ, **DuBose KD**, Ainsworth BE. C-reactive protein, physical activity and the metabolic syndrome. *Med Sci Sport Exerc* 2004;36:S84. Presented as a slide presentation at the American College of Sports Medicine National Conference, Indianapolis, IN June 2 – 5, 2004.

## 2003 (n=7)

**DuBose KD**, Ainsworth BE, Addy CL, LaMonte MJ, Durstine JL. Lifestyle versus structured physical activity and the metabolic syndrome. *Med Sci Sport Exerc* 2003;35:S72. Presented as a poster at the American College of Sports Medicine National Conference, San Francisco, CA, May 28 – 31, 2003.

Gandjean PW, Taylor JK, **DuBose KD**, LaMonte MJ, Davis PG, Reis JP, Ainsworth BE, Durstine JL. Triglyceride concentrations, HDL particle size & HDL profile scores in women: The Cross-Cultural Activity Participation Study (CAPS). *Med Sci Sport Exerc* 2003;35(5):S84. Presented as a poster at the American College of Sports Medicine National Conference, San Francisco, CA, May 28 – 31, 2003.

Ham SA, Bassett DR, Reis JP, Strath SJ, **DuBose KD**, Jones DA, Ainsworth BE, Kohl HW. Defining Relative Intensity Bouts from Accelerometer Data. *Med Sci Sport Exerc*, 2003;35(5):S113. Presented as a thematic poster at the American College of Sports Medicine National Conference, San Francisco, CA, May 28 – 31, 2003.

LaMonte MJ, Durstine JL, Szymanski L, **DuBose KD**, Davis PG, Reis JP, Ainsworth BE. Cardiorespiratory fitness and hemostatic factors: The Cross-Cultural Activity Participation Study. *Med Sci Sport Exerc*, 2003;35(5):S68. Presented as a poster at the American College of Sports Medicine National Conference, San Francisco, CA, May 28 – 31, 2003.

Levin S, **DuBose KD**, Bowles H, Ainsworth BE. Women's Physical Activity Levels: Weekday Versus Weekend. *Med Sci Sport Exerc*, 2003;35(5):S186. Presented as a poster at the American College of Sports Medicine National Conference, San Francisco, CA, May 28 – 31, 2003.

Taylor JK, Gandjean PW, **DuBose KD**, LaMonte MJ, Davis PG, Reis JP, Ainsworth BE, Durstine JL. Triglyceride concentrations, LDL particle size & LDL profile scores in women: The Cross-Cultural Activity Participation Study (CAPS). *Med Sci Sport Exerc*, 2003;35(5):S85. Presented as a poster at the American College of Sports Medicine National Conference, San Francisco, CA, May 28 – 31, 2003.

Whitt MC, **DuBose KD**, Ainsworth BE, Tudor-Locke C. Walking patterns in a tri-ethnic sample of women: The Cross-Cultural Activity Participation Study. *Med Sci Sport Exerc*, 2003;35(5):S187. Presented as a poster at the American College of Sports Medicine National Conference, San Francisco, CA, May 28 – 31, 2003.

**2002** (n=4)

LaMonte MJ, Durstine JL, **DuBose KD**, Yanowitz FG, Irwin ML, Bopp CM, Grandjean PW, Davis PG, Ainsworth BE. Physical activity, physical fitness and C-reactive protein: The Cross-Cultural Activity Participation Study. *Med Sci Sport Exerc*, 2002;34(5):S226. Presented as a poster at the American College of Sports Medicine National Conference, St. Louis, MO, May 29 - June 2, 2002.

Durstine JL, LaMonte MJ, Grandjean PW, **DuBose KD**, Irwin ML, Bopp CM, Davis PG, Yanowitz FG, Ainsworth BE. Physical fitness and the hypertriglyceridemic waist phenotype: The Cross-Cultural Activity Participation Study. *Med Sci Sport Exerc*, 2002;34(5):S226. Presented as a poster at the American College of Sports Medicine National Conference, St. Louis, MO, May 29 - June 2, 2002.

**DuBose KD**, Cooper CS, Tudor-Locke C, Ainsworth BE. Rounding and digit preference: Sources of bias in self-reported physical activity. *Med Sci Sport Exerc*, 2002;34(5):S265. Presented as a poster at the American College of Sports Medicine National Conference, St. Louis, MO, May 29 - June 2, 2002.

Matthews CE, **DuBose KD**, LaMonte MJ, Tudor-Locke C, Ainsworth BE. Evaluation of a computerized 24-Hour physical activity recall (24PAR). *Med Sci Sport Exerc*, 2002;34(5):S41. Presented as a slide presentation at the American College of Sports Medicine National Conference, St. Louis, MO, May 29 - June 2, 2002.

**2001** (n=1)

Irwin ML, Whitt MC, LaMonte MJ, **Drowatzky KL**, Ainsworth BE. Relationship Between Physical Activity and Body Fat in Women: The Cross-Cultural Activity Participation Study. *Med Sci Sport Exerc*, 2001;33(5):S228. Presented as a slide presentation at the American College of Sports Medicine National Conference. Baltimore, MD. May 31- June 3, 2001.

**2000** (n=3)

**Drowatzky KL**, Durstine JL, Irwin ML, Moore CG, Davis PG, Hand GA, Gonzales MF, Ainsworth BE. Associations Between Physical Activity, Maximal Treadmill Time, and Lipoprotein(a): The Cross-Cultural Activity Participation Study. *Med Sci Sport Exerc*, 2000;32(5):S315. Presented as a poster presentation at the American College of Sports Medicine National Conference. Indianapolis, IN. May 31- June 3, 2000.

Durstine JL, **Drowatzky KL**, Davis PG, Bartoli WP, Irwin ML, Ainsworth BE. Associations Between Physical Activity, Maximal Treadmill Time, and Leptin: The Cross-Cultural Activity Participation Study. *Med Sci Sport Exerc*, 2000;32(5):S230. Presented as a poster at the American College of Sports Medicine National Conference. Indianapolis, IN. May 31- June 3, 2000.

Davis PG, Durstine JL, Thompson RW, **Drowatzky KL**, Velliquette RA, Ainsworth BE. Race, Exercise, and Cardiovascular Risk Factors - Relationships with Plasma Endothelin-1: The Cross-Cultural Activity Participation Study. *Med Sci Sport Exerc*, 2000;32(5):S173. Presented as a slide presentation at the American College of Sports Medicine National Conference. Indianapolis, IN. May 31- June 3, 2000.

**1998-1999** (n=1)

**Drowatzky KL**, Durstine JL, Davis PG, Bartoli WP, Forman JN, Miller WC, Szymanski LM, Fernhall B. Leptin Concentrations in Inactive Black and White Obese Pre-menopausal Women. *Med Sci Sport Exerc*, 1998;30(5):S185. Presented as a thematic poster at the American College of Sports Medicine National Conference. Orlando, Florida. June 3-6, 1998.

**1993-1997** (n=1)

Arnos P, Andres FF, **Drowatzky KL**. FFA Oxidation and Perceived Exertion at Varied Intensity. *Med Sci Sport Exerc*, 1993;25(5):S9. Presented as a poster at the American College of Sports Medicine National Conference. Seattle, Washington June 1-5, 1993.

**PRESENTATIONS**

Jilcott SB, Liu H, **DuBose KD**, Chen S, Kranz S. A mixed-methods examination of food stamp participation, meals away from home, body mass index, and waist circumference. Mills Symposium. Greenville, NC. February 2010, Accepted as a Poster Presentation.

**DuBose KD**, Hickner RC, Brophy P, Geyer G, Westerkamp L, Finkelstein J, Mahar MT. Physical Activity Levels and the Metabolic Syndrome in Young Girls. North American Society for Pediatric Exercise Medicine Meeting. Colorado Springs, CO. Sept. 17-20, 2008, Poster presentation. Accessible: [http://www.humankinetics.com/PES/NASPEM\\_abstracts\\_2008.pdf](http://www.humankinetics.com/PES/NASPEM_abstracts_2008.pdf)

**DuBose KD**. The Use of Incentives To Boost Participation. A symposium entitled: "Implementation Issues Related to School Based Physical Activity Interventions: Things You Might Not Have Thought About" at the American College of Sports Medicine National Conference, Indianapolis, IN May 28-31, 2008.

Sullivan D, Greene JL, Silvia J, Smith B, Donnelly JE, **DuBose KD**, Gibson CA, Washburn R. Techniques for More Physical Activity Time in Elementary Schools. A tutorial presentation at the American Alliance for Health, Physical Education, Recreation and Dance National Conference, Fort Worth, TX April 8-12, 2008.

**DuBose KD**, Barber-Heidal K, Hickner RC, Malinauskas B, Broughton KS, Duffrin M. The relationship between Physical Activity Levels, Omega-3-Fatty Acids and Cardiovascular Disease Risk Factors in College Students. Southeastern American College of Sports Medicine Regional Meeting. Birmingham, AL. Feb 14-16, 2008, Oral

presentation.

Cummings DM, **DuBose KD**, Imai S. Fitness versus fatness and insulin resistance in children. The North American Primary Care Research Group Meeting, Vancouver, BC, Oct. 17-20, 2007, Poster presentation.

Davis K, Boswell B, **DuBose K**, Altman S, Binkley H, Kang M. Reliability and Validity of the Medicine Ball Throw for Kindergarten Children. The AAPAR Conference on Diversity in Physical Activity and Health: Measurement and Research Issues and Challenges. Dallas, TX. Oct. 18-20, 2007, Poster presentation.

**DuBose KD**, Matthew T. Mahar, David A. Rowe. Physical Activity Levels of Overweight and Non-overweight Girls Assessed by Accelerometers, Pedometers, and Questionnaires. North American Society for Pediatric Exercise Medicine Meeting. Charleston, SC. Sept. 14-16, 2006, Oral presentation. Accessible: [http://www.naspem.org/conf/NASPEM\\_Abstracts\\_For\\_PES\\_2006.pdf](http://www.naspem.org/conf/NASPEM_Abstracts_For_PES_2006.pdf)

Stewart EE, **DuBose KD**, Smith BK. Weight Management Strategies of Successful Maintainers. Central States American College of Sports Medicine Regional Meeting. Kansas City, MO. Oct 21-22, 2005, Poster presentation.

**DuBose KD**, Stewart EE, Charbonneau SR, Donnelly JE. An Evaluation of the Prevalence of the Metabolic Syndrome in Elementary School Children. Central States American College of Sports Medicine Regional Meeting. Kansas City, MO. Oct 1-2, 2004, Poster presentation.

Ainsworth BE, **DuBose KD**, Durstine JL. Physical Activity in minority women: The Cross-Cultural Activity Participation Study. Southeast American College of Sports Medicine Regional Meeting. Atlanta, GA. Jan 27- Feb 2, 2002, Symposium.

**Drowatzky KL**, Williams H, Ainsworth BE. Functional abilities among a tri-ethnic population of active women: The Cross-Cultural Activity Participation Study. Southeast American College of Sports Medicine Regional Conference. Columbia, SC. Jan 25-27, 2001, Poster presentation.

Ainsworth BE, LaMonte MJ, **Drowatzky KL**, Cooper RS, Thompson RW, Irwin ML, Whitt ML, Gilman M. Evaluation of the CAPS Typical Week Physical Activity Survey (TWPAS) Among Minority Women: SIP 22W. Community Prevention Research in Women's Health Conference. Bethesda, MD. Oct 25-27, 2000, Poster presentation.

LaMonte MJ, Ainsworth BE, Whitt MC, Cooper RS, **Drowatzky KL**, Thompson RW, Irwin ML, Gilman M. Accuracy of a Four-Week Physical Activity History (FWH) Among Minority Women: SIP 22W. Community Prevention Research in Women's Health Conference. Bethesda, MD. Oct 25-27, 2000, Poster presentation.

Thompson RW, Davis PG, Nesbitt JL, Smarr EM, Burke JR, **Drowatzky KL**, Hand GA, Durstine JL. Effect of a single eccentric resistance exercise session on lipoprotein(a). American College of Sports Medicine Southeast Conference. Charlotte, North Carolina. January 27-29, 2000, Poster presentation.

**Drowatzky KL** & Andres FF. Comparison of the Rockport Walking and Cooper Walk/Run Fitness Tests, Bowling Green State University - University of Toledo Colloquium. Bowling Green, Ohio. February 24, 1995. Oral presentation.

**Drowatzky KL** & Andres FF. Comparison of the Rockport Walking and Cooper walk/run fitness tests. American College of Sports Medicine Midwest Conference. Dayton, Ohio. November 4-5, 1994. Poster presentation.

Arnos P, Andres FF, **Drowatzky KL**. FFA Oxidation and Perceived Exertion at Varied Intensity. American College of Sports Medicine Midwest Winter Conference. Boyne Mountain, Michigan. February 3-5, 1993. Poster presentation.

#### **GRANTS AWARDED**

East Carolina University (Undergraduate Research/Creative Activity Award). Faculty Mentor “A faith-based physical activity and nutrition intervention (7 Days 7 Ways).” PI: Samantha Lehman, \$2,700.00 for the period of 2011.

East Carolina University, Research/Creative Activity Grant, Principal Investigator, “Assessment of Physical Activity Recall Bias in Cancer Patients.” PI: Kristina H. Karvinen, \$10,000 for the period of 2009-2010.

FITNESSGRAM/ACTIVITYGRAM Research Grant, Investigator, “Assessment of FITNESSGRAM® Body Composition Standards in 12- to 14-year-old Youth”. PI: Matthew T. Mahar, \$9,500.00 for the period of 2007-2008.

East Carolina University, Division of Research and Graduate Studies, Research Development Grant Program, Co-Principal Investigator, “The Impact of a Faculty/Staff Wellness Program on Health Behaviors”, PI: Matthew T. Mahar, \$19,948 for the period of 2007-2008.

National Institutes of Health, Diabetes & Digestive & Kidney Diseases (5R01DK071081-02), Co-Investigator, “Reduction in CVD Risk in Children through Physical Activity”, PI: Robert C. Hickner, \$1,565,870 for the period of 2006-2011.

American College of Sports Medicine Foundation, Reebok Research Grants on Human Performance & Injury Prevention (Graduate Student Award), Principal Investigator, “The Effect of Physical Activity on Lipoprotein(a) in Minority Women”. \$2,500 for the period of 1998-2000.

University of Toledo (Undergraduate Summer Research Participation Program), Principal

Investigator, "Comparison of the Rockport Walking and Cooper Walk/Run Fitness Tests". \$1,000 for the period of 1994.

### **GRANTS IN REVIEW**

PC-PBRN, Consultant, The use of technology to improve the communication between patient and physician. PI: Carol Ford (UNC Chapel Hill). Response to RFTO #19. \$300,000 for the period of 2010-2012. Submitted: May 10, 2010

### **GRANTS IN PROGRESS**

East Carolina Diabetes and Obesity Institute. Principal Investigator. The effectiveness of a telephone based physical activity intervention in obese youth. Submission: February 2010

### **UNFUNDED GRANTS**

National Institutes of Health, Research Grant (R03), Co-Investigator. "Effectiveness of a cancer center based physical activity intervention in increasing physical activity and quality of life in a rural population of breast cancer survivors." PI: Kristina Karvinen, \$143,500 for the period of 2010-2012.

National Institutes of Health, Research Grant (R21), Co-Principal Investigator "Physical Activity, Fitness, Fatness and the Metabolic Syndrome in Adolescents" \$351,388 for the period of 2010-2011. (resubmission – Scored: 56)

National Institutes of Health, Research Grant - Cooperative Agreement (U01), Co-Investigator. Center for Health and Obesity Intervention in Children's Environments" PI: Walter Pories, \$5,053,801.00 for the period of 2009-2014.

National Institutes of Health, Research Grant (R01), Co-Investigator "The Use of Energizers to Promote Physical Activity in Elementary School Children". PI: Matthew Mahar, \$3,539,885 for the period of 2009-2013. re-submission.

East Carolina University, Research/Creative Activity Grant, Principal Investigator, "Assessment of Physical Activity Recall Bias in Cancer Patients." \$10,000 for the period of 2009-2010.

Livestrong, Co-Investigator, Effectiveness of a Cancer Center Based Physical Activity Intervention, PI: Kristina Karvinen, \$242,339 for the period of 2009-2011.

Robert Wood Johnson, Active Living Research, Co-Investigator "Evaluation of the North Carolina Healthy Active Children Policy". PI: Matthew Mahar, \$400,000 for the period of 2009-2011.

East Carolina University, Teaching Grant, Principal Investigator, Use of Audio Narration to Facilitate On-line Teaching", \$10,038 for the period of 2009-2010.

National Institutes of Health, Research Grant (R21), Co-Principal Investigator “Physical Activity, Fitness, Fatness and the Metabolic Syndrome in Adolescents” \$336,465 for the period of 2009-2010.

National Institutes of Health, Research Grant (R03), Co-Investigator, “Developing and Validating a Research Instrument Tool to Understand Events Impacting Health Risk Behavior During the Transition from Adolescence to Young Adulthood”. PI: Christopher Duffrin, \$100,000 for the period of 2008-2009.

Medical Research Council of the United Kingdom. National Prevention Research Initiative, Investigator, “Evaluation of pediatric physical activity and body fatness guidelines using a criterion of metabolic syndrome risk” Principal Investigator: David Rowe, \$264,000.00 for the period of 2007-2008.

The Kate B. Reynolds Charitable Trust, Investigator, Intervention strategies to increase physical activity among low-income rural adults. Principal Investigator: Kindal Shores, \$320,808 for the period of 2007-2010.

East Carolina University, Research/Creative Activity Grant, Principal Investigator, “The Relationship Between Aerobic Fitness, Physical Activity & the Metabolic Syndrome in Girls”, \$21,095.70 for the period of 2007-2008.

East Carolina University, Division of Research and Graduate Studies, Research Development Grant Program, Principal Investigator, “The Relationship Between Aerobic Fitness, Physical Activity & the Metabolic Syndrome in Children”, \$24,738 for the period of 2006-2007.

Thrasher Research Fund, Co-Investigator, “Utility of Anthropometric Indices for Screening for Metabolic Syndrome Risk Factors in Prepubescent Children” Principal Investigator: David A. Rowe, \$87,000.00 for the period of 2007-2009.

East Carolina University, Leo W. Jenkins Cancer Center, Principal Investigator, “Assessment of Physical Activity Recall Bias in Cancer Patients.” \$35,000 for the period of 2006-2007.

East Carolina University, Research/Creative Activity Grant, Principal Investigator, “The Prevalence of the Metabolic Syndrome over Time and the Impact of a Physical Activity Intervention in Elementary School Children.” \$10,238 for the period of 2006-2007.

## **REVIEWER**

### **Journal Articles**

Acta Paediatrica

American Journal of Epidemiology

American Journal of Preventive Medicine

Annals of Behavioral Medicine

Contemporary Clinical Trials

Journal of Physical Activity & Health  
Journal of School Health  
Medicine & Science in Sports & Exercise  
Pediatrics  
Pediatric Research

## **TEACHING EXPERIENCE**

### **East Carolina University**

#### ***Undergraduate***

- EXSS 2000 Introductory Exercise & Sport Science, Guest lecture (Fall 2007-Spring 2010; Summer 2008-2010)
- EXSS 3802 Obesity Prevention & Treatment, Developed (Spring 2008 -2010)
- EXSS 3804 Measurement of Physical Activity & Fitness (Spring 2006 – Fall 2010; Summer 2006)
- EXSS 4003 Physical Activity & Disease Prevention, Contributing faculty member, (Spring 2006)
- EXSS 4804 Measurement & Assessment in Exercise Science & Sport (Spring 2007)
- EXSS 4115 Physical Activity & Public Health, Developed (Fall 2006 -2008, Fall 2010)
- EXSS 4800 Internship in Physical Activity & Fitness (Fall 2005 – Fall 2010; Summer 2006 - 2009)
- EXSS 4991 Independent Research in Exercise Physiology, supervised undergraduate students research experience (Spring 2009-Fall 2010)

#### ***Graduate***

- EXSS 6115 Physical Activity & Public Health, Developed (Fall 2006-2008, Fall 2010)
- EXSS 6301 Research Seminar in Exercise and Sport Science, Contributing faculty member (Fall 2006; Fall 2007; Fall 2009): Supervised masters students' mock thesis
- EXSS 6650 Seminar in Exercise & Sport Science, Contributing faculty member, (Fall 2005 – Fall 2010)
- EXSS 6990/6991 Practicum in Exercise and Sport Science, supervised masters student's work (Fall 2008, Spring 2010)

### **University of South Carolina**

- EXSC 531L Undergraduate Graded Exercise Testing Laboratory, Primary Instructor: Dr. J. Larry Durstine, (Spring 1997)
- EXSC 530L Undergraduate Exercise Physiology Laboratory, Primary Instructor: Dr. J. Larry Durstine, (Fall 1996)
- EXSC 700/882 Physical Activity and Public Health, Primary Instructor: Dr. Barbara E. Ainsworth, (Spring 2002; Spring 2003)
- EXSC 783 Graduate Seminar Class, Primary Instructor: Dr. Gregory A. Hand, (Summer 2000)

## **THESIS COMMITTEES**

Aaron G. Thorpe, December 2005. Effects of circuit training on spontaneous physical activity and selected fitness and psychological variables in overweight, prepubescent girls. Degree: Activity Promotion. Committee Member.

Stephanie Smith, May 2007. Effect of sampling interval on objectively-measured physical activity in pre-school children. Degree: Activity Promotion. Committee Member.

JunBae Mun, May 2008. The accuracy of bioelectrical impedance analyzers in athletes and non-athletes: Does Hydration Status Matter? Degree: Activity Promotion. Committee Member.

Tykeeta Summers, Dropped out after proposal defense. Evaluation of Energy Intake and Energy Expenditure and the Development in Overweight During a 16-week Intervention in Adolescents. Degree: Exercise Physiology. Committee Member.

Audrey Eaves, 2009. Effects of Parental Obesity on Fat Metabolism in Children. Degree: Exercise Physiology. Committee Member.

Leena Patel, 2009. The Effects of Cox-Maz III on Exercise Capacity and Exercise Tolerance on Patients with Atrial Fibrillation and Mitral Regurgitation. Degree: Exercise Physiology. Committee Member.

Michelle Vuchenich, August 2010. Effects of a Before School Physical Activity Program on Physical Activity and On-Task Behavior in Elementary School-Aged Children. Degree: Activity Promotion. Committee Member.

Gabriel Geyer. August 2010. Obese, When Compared To The Lean, Have a Blunted Lipolysis Response To An Acute Bout Of Exercise. Degree: Exercise Physiology. Committee Member.

Kathryn Wilson. May 2010. The Effects of an Exercise Intervention on the Global Self-esteem, Physical Self-esteem, and Quality of Life of Obese and Lean 8-11 Year Olds. Degree: Exercise Physiology. Committee Member.

Matthew Hanna. Current. Validation of  $VO_2$ max Prediction Equation from the FITNESSGRAM PACER Test in 17-18 year olds. Degree: Activity Promotion. Committee Member.

Meagan Piland, Current. Effectiveness of a Cancer Center Based Physical Activity Intervention in Breast Cancer Survivors. Degree: Exercise Physiology. Committee Member.

Brooke Graves. Current. No title yet. Degree: Activity Promotion. Committee Chair.

## **CULMINATING RESEARCH PROJECTS**

Hilary Bauer, Current. No Title yet. Degree: Physical Therapy. Co-Committee Chair.

Heather B. Malone, August 2007. A community health assessment of the built environment and its impact on physical activity. Degree: Masters of Public Health. Committee Member.

## **CONSULTANT**

### **Pitt County Community Schools and Recreation**

Add Health to Our Years (AHOY) seniors exercise classes. Pitt County Community Schools and Recreation Greenville, NC. Summer 2007-present .

Helped determine appropriate fitness tests, helped developed a questionnaire and the databases, and conducted statistical analyses. (nonpaid)

Better Bodies 2000. Drowatzky JN, and Greniger L. University of Toledo, Toledo, OH . 2002

Led the physical activity questionnaire development and analysis activities. (nonpaid)

Multi-Ethnic Study of Atherosclerosis (MESA) - Jacobs D. University of Minnesota, Minneapolis, MN. 2001

Worked with Dr. Barbara E. Ainsworth to modify the CAPS-Typical Week Physical Activity Questionnaire for the MESA study.

## **MEMBERSHIPS IN PROFESSIONAL ORGANIZATIONS**

American College of Sports Medicine, 1994-present.

Southeast chapter of American College of Sports Medicine, 2006-present

North American Association for the Study of Obesity, 2005–present.

North American Society for Pediatric Exercise Medicine, 2006 – present.

American Alliance for Health, Physical Education, Recreation and Dance, 1992-2000.

Phi Epsilon Kappa professional fraternity, 1993–present.

Offices held: President 1995-1996, Secretary 1994-1995, Pledge Chairman 1994-1995, Publicity Chairman, 1993-1994.

Epsilon Alpha Pi professional fraternity, 1993–1995.

Office held: Allied Health Programmer, 1994-1995.

## **UNIVERSITY COMMITTEES**

### **East Carolina University**

#### *Departmental*

Tenure-track Faculty Position in Activity Promotion Search Committee, Co-Chair 2009-2010

Personnel Committee, 2008-2009

Departmental Faculty/Staff Retreat Committee, 2008

Tenure-track Faculty Position in Pediatric Obesity Search Committee, 2008-2009

Senior Research Associate Search Committee, 2007

Departmental Faculty/Staff Retreat Committee, 2007

Assistant Professor in Exercise Psychology Faculty Search Committee, 2005-2006

Assistant Professor in Activity Promotion Faculty Search Committee, 2006-2007

*College Level*

Department of Health Promotion, Assistant Professor in Worksite and Community Health Faculty Search Committees, 2006-2007 (Outside Committee Member)

College of Health & Human Performance Faculty Retreat Committee, 2005-2006

College of Health & Human Performance Faculty Commencement Committee, 2005-2006

*University wide*

Faculty Salary Study Committee 2009-present

Faculty Welfare Committee, 2008-present; Chair 2009-2011

Notable accomplishments as chair: Aided in the review of the Faculty Manual; Provided significant input to the revised Faculty Serious Illness and Disability Policy

Masters of Public Health Program Evaluation Committee, 2005-present

New Faculty Orientation, 2006-2008

**University of South Carolina**

Arnold School of Public Health Curriculum Committee, student member, 2002-2003

Arnold School of Public Health Grievance Committee, student member, 2002-2003

Arnold School of Public Health Graduate Student Awards, student member, 2001-2002

Arnold School of Public Health Ethics Committee, graduate assistant to committee chair, 2001-2002

**OTHER UNIVERSITY SERVICE**

**East Carolina University**

Member of the “Perspectives on the First Year Panel” for the Health and Human Performance College New Faculty Orientation. Discussed how to balance research and teaching, and tips for success. October 27, 2006.

**PROFESSIONAL SERVICE**

2010 Judge for student poster presentations at the North American Society for Pediatric Exercise Medicine/ PWP meeting.

2009 Reviewed student grants submitted to North American Society for Pediatric Exercise Medicine.

October 2008; 2009 Reviewed abstracts submitted to Southeast American College of Sports Medicine Regional Conference.

February 2008 Oral presentation session chair, Southeast American College of Sports Medicine Regional Conference.

2008-2012 North American Society for Pediatric Exercise Medicine, Board Member.

### **CERTIFICATIONS & WORKSHOPS**

American Red Cross Certification for Adult CPR – Red Cross of Eastern North Carolina.  
Automated Electrical Deliberator Training - University of Kansas/East Carolina University.  
American Red Cross Certification Preventing Disease Transmission - University of South Carolina.  
Radiation Safety - University of South Carolina.  
OSHA's Laboratory Safety Training - University of South Carolina.  
ACSM Health/Fitness Instructor Workshop, University of South Carolina, 1997-2001  
    Taught muscular strength/endurance skills  
    Practicum Certification Monitor

### **HONORS AND AWARDS**

Nominated for East Carolina University/College of Health and Human Performance Scholar-Teacher Award, 2008-2009

Outstanding Exercise Science Major awarded by the Physical Education and Exercise Science Division of the Department of Health Promotion and Human Performance, May 1995.

Thomas A. Hogan Memorial Scholarship 1995-1996.

Outstanding Wellness Student Employee awarded by the Student Recreation Center, The University of Toledo, 1995-1996.

Golden Key National Honor Society, 1994-present.

Outstanding Freshman Award from The Office of Accessibility and The Challenged Individuals Association, Spring 1993.

### **COMMUNITY PRESENTATIONS**

Pediatric Healthy Weight Forum “Physical Activity & the Metabolic Syndrome Across the Lifespan”. Brody School of Medicine, East Carolina University, Greenville, NC. October 7, 2005.

Junior League of Topeka, Topeka, Kansas. Slide presentation “Childhood Obesity and Self-Esteem” to coincide with their initiative “Happy, Healthy, Me” which aimed at improving the health and welfare of young girls, March 16, 2005.

University of South Carolina - Exercise Science Department Seminar Series  
    “Physical Activity Measurement and Health Outcomes”, Spring 2003  
    “Secondary Data: It's Role in Exercise Science”, Spring 2002

**COMMUNITY SERVICE**

Pitt County Memorial Hospital, Greenville, NC 2006 - 2008

Road Races, Columbia, SC

    Governor's Cup

        Registration: packet stuffing & packet pick-up 1996 - 1998, 2000

    Carolina Marathon

        Registration: packet stuffing & packet pick-up 1997, 1998, 2001.

    Mayfest Quest

        Co-director 1998 - 2000

            Responsible for all registration activities

St. Andrew's Lutheran Church, Columbia, SC 1997 - 2008

    Teaching assistant for vacation bible school 1997 - 2001

    Taught youth Sunday school 1998 - 2000

    Dramarauma 1997