

JAMES N. ROEMMICH, Ph.D.

Supervisory Research Physiologist/Research Leader
USDA-ARS-NPA
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EDUCATION

- 1994-1997 **Post-Doctoral Fellowship.** Pediatric Endocrinology/Exercise Physiology, University of Virginia
Mentor: Alan D. Rogol, M.D., Ph.D.
- 1988-1994 **Ph.D.** Exercise Physiology, Kent State University
Mentor: Wayne E. Sinning, Ph.D.
- 1986-1988 **M.S.** Biology/Exercise Physiology, Ball State University
Mentor: Craig A. Horswill, Ph.D.
- 1982-1986 **B.A.** Biology, Jamestown College Jamestown, N.D.

PROFESSIONAL APPOINTMENTS

- 2011 - present **Supervisory Research Physiologist/Research Leader**, USDA-ARS-NPA, Grand Forks Human Nutrition Research Center, Grand Forks, North Dakota
Roles: Provide scientific leadership to the Healthy Body Weight Research Unit. Foster the scientific productivity, quality and impact of the unit and the professional development of its member scientists. Coordinate scientific activities on eating habits, physical activity behaviors and other lifestyle factors relevant to obesity prevention and maintenance of healthy body weight. Conducts both independent and multidisciplinary, team-based research to build the evidence base on the psychological and physiological factors controlling body weight; evaluates the efficacy and effectiveness of combined physical activity, dietary and behavioral interventions to prevent obesity and maintain a healthy body weight; develop collaborations with university, industry and government scientists.
- 2012-present **Adjunct Professor**, Department of Physical Education, Exercise Science and Wellness, University of North Dakota
Roles: research collaboration with faculty, supervision of graduate students.
- 2011-present **Adjunct Professor**, Department of Health, Nutrition, and Exercise Sciences, North Dakota State University
Roles: research collaboration with faculty, supervision of graduate students.
- 2006 - 2012 **Associate Professor**, Department of Pediatrics, University at Buffalo
Roles: Directing and collaborating on NIH and other funded investigations of increasing

youth and adult physical activity, built environment influences on children's physical activity, influence of stress on physical activity and eating behaviors, effect of food variety on eating behaviors, family-based treatment of pediatric obesity.

Senior Member of the Graduate Faculty. Supervision of graduate students; instruction in causes and treatment of obesity, research design and methods, and exercise science.

- 2006 - 2012 **Associate Professor (Adjunct)**, Dept. of Exercise and Nutrition Sciences, University at Buffalo
Roles: Supervision of graduate students; instruction in causes and treatment of obesity, research design and methods, and exercise science.
- 2000 - 2006 **Assistant Professor**, Department of Pediatrics, University at Buffalo
- 2000 - 2006 **Assistant Professor (Adjunct)**, Dept. of Exercise and Nutrition Sciences, University at Buffalo
- 1999 - 2000 **Assistant Professor of Research**, Department of Pediatrics, University of Virginia
Roles: Completing NIH and other funded investigations of treatment of pediatric obesity, mechanisms of obesity to alter growth hormone secretion, and mechanisms controlling human growth, puberty, body composition, and fat distribution. Supervision of two to three medical, graduate, or undergraduate students per semester.
- 1997 - 1999 **Research Associate (Faculty Status)**, Department of Pediatrics, University of Virginia
- 1994 - 1997 **Post-Doctoral Fellow**, Department of Pediatrics, University of Virginia
Roles: Studying mechanisms controlling human growth, puberty, body composition, and body fat distribution. Basic science research to determine the mechanisms controlling puberty using mouse models.
- 1988 - 1994 **Teaching Assistant/Laboratory Coordinator**, Applied Physiology Laboratory, Kent State University
- 1986 - 1988 **Research/Teaching Assistant**, Department of Biology/Human Performance Laboratory, Ball State University

AWARDS & HONORS

- 2008 Faculty Recognition and Honors for 2006-2008 - University at Buffalo
- 1994 Post-Doctoral Fellowship - Research Training in Diabetes and Hormone Action, NIH 5T32-DK07320-17, University of Virginia
- 1993 David B. Smith Fellowship - highest award bestowed to a graduate student based on scholarship (publications, presentations, external funds), outstanding teaching and academic record, Kent State University
- 1992, 1994 Graduate Student Senate Research Award for outstanding student research, Kent State University
- 1992 University Honor Roll for representing Kent State University with excellence and commitment
- 1990 Fellowship for exceptional graduate student research and teaching, Kent State University
- 1990 Fellowship for outstanding graduate studies and research, Kent State University
- 1988 Deans Citation of Academic Excellence for completion of Master of Science degree with a perfect (4.0) academic record, Ball State University

OTHER AWARDS

Competitive awards based on peer-review of meritorious science.

2010	University of Pittsburgh Mind-Body Center's Summer Institute <i>Selected to reunion meeting of past attendees who had successes in mind-body research since being invited to their initial PBMC meeting. PBMC is an NIH-supported Institute that fosters development of the next generation of scientists to study how behavioral factors cause disease or pathophysiology.</i>	\$1000
2008	University of Pittsburgh Mind-Body Center's Summer Institute	\$1000
2000	International Congress of Endocrinology Travel Award	\$500
1997	European Society of Pediatric Endocrinology Travel Award	\$1000
1997	Endocrine Society Travel Award	\$500

GRANT SUPPORT

Funded Grants

1. Epstein, L.H. (PI), **J.N. Roemmich (Co-I)**
The influence of pricing and nutrient profiling on food purchases
4/01/12 – 3/31/15, National Institutes of Health
Proposed total costs to UB: \$2,215,731
Salary support: 2.5% full time effort
Responsibilities: assisted with writing grant; study design, data collection; assess the independent and combined influence of price changes and/or point of purchase nutrient profiling on food purchased using an innovative online experimental grocery store model.
2. **Roemmich, J.N. (PI)**
Influence of Park Environment Changes on Parent and Child Physical Activity
6/11/12 – 8/3/12, USDA/ARS Northern Plains Area Office Co-Funded Internship/Apprenticeship Program
Total costs: \$3,824
Salary support: Support for summer intern
Responsibilities: writing proposal, mentorship of summer student, determining if small changes to the park playground environment influence physical activity of parents and children when visiting the playground.
3. Moore, R. (PI, NC State), **J.N. Roemmich (UB Site PI)**
Parks for Kids: Evidence-based planning, designing, and programming of urban parks for kids and their families
2/01/11 – 1/31/12, Active Living Research/Robert Wood Johnson Foundation
Proposed total costs: \$28,244 total costs to UB: \$11,162
Salary support: 2.0% effort
Responsibilities: assisted with writing grant; data collection; develop a white paper, webinar and brief to translate our Active Living Research urban park research findings to guide the decision making of planners, designers, managers, and elected officials to create compelling, active urban park environments, and the active transportation routes that connect them to children's homes.
4. Epstein, L.H. (PI), **J.N. Roemmich (Co-I)**
Experimental Analysis of Price Changes and Food Purchases in Obese and Lean Mothers
8/10/2010 – 7/31/2014, National Institutes of Health
Total costs to UB: \$1,927,098
Salary support: 2.5% full time effort

- Responsibilities: assisted with writing grant; study design, data collection; applies experimental economics in an online virtual grocery store shopping model to examine the effects of pricing on food purchases of participants who vary in household income, BMI, food reinforcement, and impulsivity.*
5. **Roemmich, J.N. (PI)**
 Non-shared environments and discordance of obesity in adolescent siblings
 05/01/2010 – 02/28/2014, National Institutes of Health
 Total costs to UB: \$1,570,863
 Salary support: 35% full time effort
Responsibilities: writing grant; study design, data collection; uses a discordant sibling design to provide detailed behavioral phenotyping of adiposity-discordant sibling pair responses to obesigenic experiences to provide important data for understanding which obesigenic experiences are not shared within discordant siblings.
 6. Epstein, L.H. (PI) and **J.N. Roemmich (Co-I)**
 Translating Habituation Research to Interventions for Pediatric Obesity
 9/21/09 – 9/30/14, National Institutes of Health
 Total costs to UB: \$3,025,656
 Salary support: 5% full time effort
Responsibilities: assisted with writing grant; study design, data collection; completing a center grant of lab studies to determine how stimulus specificity and variety affect short and long term habituation, a series of field studies of to implement reducing variety in the natural environment, and to pilot test a behavioral intervention based on the findings from the laboratory and field studies.
 7. **Roemmich, J.N. (PI)**
 Children's Stress and Intima Media Thickness
 11/01/09 – 10/31/10, UB 2020 Interdisciplinary Research Development Fund
 Total costs: \$27,600
Responsibilities: writing grant; study design, data collection; investigating whether lab stress reactivity and daily stressors increase carotid artery intima media thickness of children transitioning from middle school to high school.
 8. Quattrin, T (PI), **J.N. Roemmich (Co-I)**
 Treating Overweight Youth: A Family-Based Approach in Primary Care
 12/01/07 – 11/30/12, National Institutes of Health
 Proposed total costs to UB: \$3,288,980
 Salary support: 20% full time effort
Responsibilities: major contributions to writing grant, study design, data collection, statistical analyses, writing peer-reviewed papers; investigating the efficacy of treating overweight children and their parents in a primary care setting.
 9. Salvy, S.J. (PI), **J.N. Roemmich (Co-I)**
 Effects of Peers on Eating Behavior in Overweight and Normal Weight Youth
 12/01/07 – 11/30/10, National Institutes of Health
 Proposed total costs to UB: \$1,188,750
 Salary support: 5% full time effort
Responsibilities: assisted with writing grant; study design, data collection, statistical analyses, writing peer-reviewed papers; investigating the influence of friends and peers on overweight children's eating and physical activity.
 10. Epstein, L.H. (PI), **J.N. Roemmich (Co-I)**
 Food Reinforcement-Genotype Interactions and Eating
 9/21/07 – 9/30/11, National Institutes of Health
 Total costs to UB: \$1,014,400
 Salary support: 2.5% full time effort years 1-3, 10% full time effort year 4
Responsibilities: assisted with writing grant; study design, data collection, statistical analyses, writing peer-reviewed papers; investigating how food reinforcement and the DRD2 genotype interact in obesity.
 11. **Roemmich, J.N. (PI)**
 Efficacy of Increasing Youth Physical Activity: Neighborhood Environment Influences
 9/01/07 – 8/30/10, National Institutes of Health

Total costs to UB: \$1,408,684

Salary support: 35% full time effort

Responsibilities: writing grant; study design, data collection, statistical analyses, writing peer-reviewed papers; investigating the influence of access to park and recreation facilities on the ability to increase youth physical activity when their access to sedentary behaviors in the home is decreased by 50%.

12. Salvy, S.J. (PI), J.N. Roemmich (Co-I)

Effects of Social-Skills Training on Recreational Activities in Youth

7/01/07 – 6/30/08, University at Buffalo Interdisciplinary Research and Creative Activities Fund

Total costs: \$35,000

Responsibilities: assisted with writing grant; study design, data collection, statistical analyses, writing peer-reviewed papers; investigating whether social skills training increases social involvement and physical activity of overweight socially-isolated youth.

13. Epstein, L.H. (PI), J.N. Roemmich (Co-I)

Habituation to Food in Children

6/01/07 – 3/31/11, National Institutes of Health

Proposed total costs to UB: \$1,010,440

Salary support: 10% full time effort

Responsibilities: assisted with writing grant; study design, data collection; investigation of how food variety and dishabitators increase food intake.

14. Roemmich, J.N. (PI)

Children's Choices of Park Elements for Physical Activity

1/01/07 – 12/31/09, Robert Wood Johnson Foundation

Total costs to UB: \$205,153

Salary support: 12.5% full time effort

Responsibilities: writing grant; study design, data collection, statistical analyses, writing peer-reviewed papers; investigating which park amenities promote physical activity of youth.

15. Lambiase, M. (PI) and J.N. Roemmich (Co-I)

Protective Effect of Exercise against Cardiovascular Reactivity to an Interpersonal Stressor

11/01/06 – 10/31/07, University at Buffalo Mark Diamond Research Foundation

Total costs: \$960

Responsibilities: assisted with writing grant; data collection, statistical analyses, investigation of whether an acute bout of exercise reduces cardiovascular reactivity to an interpersonal stressor in children.

16. Beers, E. (PI), J.N. Roemmich (Co-I)

Increasing Passive Energy Expenditure During Clerical Work

7/01/06 – 6/30/07, University at Buffalo Mark Diamond Research Foundation

Total costs: \$750

Responsibilities: assisted with writing grant; data collection, statistical analyses, investigation of the increase in passive energy expenditure when performing clerical work while standing or while sitting on a therapy ball.

17. Epstein, L.H. (PI), J.N. Roemmich (Co-I)

Effects of Changing Sedentary Behavior in Obese Children

6/01/06 – 5/31/09, National Institutes of Health

Total costs to UB: \$1,188,750

Salary support: 10% full time effort

Responsibilities: assisted with writing grant; study design, data collection; investigation of how changing access to sedentary increases physical activity in obese youth .

18. Terrazas, A (PI), J.N. Roemmich (UB site PI)

Behavioral Economy to Treat Physical Inactivity

8/7/2005 – 1/31/2006, NIH- National Institute of Diabetes and Digestive and Kidney Diseases, R43 DK062526

Total costs to UB: \$45,431

Salary support: 15% full time effort

Responsibilities: writing grant; study design, data collection, statistical analyses; investigating whether making watching television contingent on first being physically active increases the activity of children.

19. Roemmich, J.N. (PI)

Influence of the Built Environment and Motivation to be Active on the Physical Activity of Youth
11/01/04 – 10/31/05, UB Interdisciplinary Research and Creative Activities Fund

Total costs: \$47,000

Responsibilities: writing grant; study design, data collection; investigating whether access to parks and the motivation to be active influences youth physical activity.

20. Barkley J. (PI), J.N. Roemmich (Co-I)

Reinforcing value of interval and continuous exercise above and below the ventilatory threshold
9/01/05 – 8/30/06, University at Buffalo Mark Diamond Research Foundation

Total costs: \$1,093

Responsibilities: assisted with writing grant; data collection, statistical analyses investigation of whether interval or continuous exercise is most rewarding.

21. Barkley, J. (PI), J.N. Roemmich (Co-I)

Effect of Exercise Intensity on Insulin Sensitivity in Obese Insulin Resistant Adolescents
12/01/04 – 11/30/05, Gatorade Sport Science Institute

Total costs: \$1500

Responsibilities: assisted with writing grant; data collection, statistical analyses; support for Mr. Barkley's dissertation, investigation of whether interval or continuous exercise is most efficacious for improving insulin resistance in youth.

22. Epstein, L.H. (PI), J.N. Roemmich (Co-I)

Habituation to Food in Children

8/01/0 – 5/30/06, NIH- National Institute of Child Health & Human Development,
R01 HD 044725

Total costs to UB: \$1,059,750

Salary support: 5% full time effort

Responsibilities: assisted with writing grant; study design, data collection; investigation of how food variety and dishabitators increase food intake.

23. Epstein, L.H. (PI), J.N. Roemmich (Co-I)

Modifying the Home TV Watching Environment

9/30/02 – 5/30/07, NIH-National Institute of Diabetes and Digestive and Kidney Diseases, RO1 DK
063442

Total costs to UB: \$1,540,565

Salary support: 30% full time effort

Responsibilities: assist with writing grant; study design, data collection; investigating the efficacy of an environmental intervention designed to modify the home television watching and computer game use environment on the adiposity of overweight or obese 4-7 year-old boys and girls.

24. Pincus, S. (PI), J.N. Roemmich (consultant)

Changes in GH Secretory Dynamics in Peripubertal Girls

Role: Paid consultant

8/7/2002 – 1/31/2003, NIH-National Institute of Diabetes and Digestive and Kidney Diseases, R43
DK062526

Total costs: \$73,800

Responsibilities: writing grant; study design, data collection; investigating the relationship between clinical growth in pubertal girls and boys and shifts in the irregularity of underlying growth hormone secretory patterns.

25. Roemmich, J.N. (PI)

Increasing Physical Activity of Sedentary Youth

7/1/02 – 6/30/07, NIH-National Institute of Child Health & Human Development
RO1 HD42766

Total costs to UB: \$1,125,576

Salary support: 50% full time effort

- Responsibilities: writing grant; study design, data collection, statistical analyses, writing peer-reviewed papers; investigating the use of behavioral engineering to increase the physical activity of youth.*
26. Quattrin, T. (PI), **J.N. Roemmich (Co-I)**
 Hormonal Milieu and Weight Loss in Obesity
 3/01/2002 - 2/28/2003, R.J. Stransky Foundation
 Total costs: \$50,000
Responsibilities: assist with writing grant; study design, data collection, statistical analyses, writing peer-reviewed papers; investigation of reductions in insulin resistance with weight loss in obese children at high risk for developing diabetes.
27. Quattrin, T. (PI), **J.N. Roemmich (Co-I)**
 Behavioral modification for youth with obesity and insulin resistance
 3/2002 - 2/2003, Kalieda Health
 Total costs: \$70,000
 Salary support: 20% full time effort
Responsibilities: assist with writing grant; study design, data collection, statistical analyses, writing peer-reviewed papers; investigation of reductions in insulin resistance with weight loss in obese children at high risk for diabetes.
28. Wright, S. (PI), **J.N. Roemmich (Co-I)**
 Delay Discounting for Food and Money Rewards
 04/01 - 08/01, University at Buffalo Mark Diamond Foundation
 Total costs: \$546
Responsibilities: assisted with writing grant; data collection, statistical analyses; support for Ms. Wright's masters thesis, investigation of whether lean and obese adults differ in impulsivity.
29. **Roemmich, J.N. (PI)**
 Psychological Stress, Cortisol Reactivity & Food Intake in Obese Children
 01/2001 - 01/2002, North American Association for the Study of Obesity
 Total costs: \$15,000
Responsibilities: writing grant; collecting data, writing papers; investigating whether interpersonal stress changes youth eating and exercise behaviors.
30. Friel, A. (PI), **J.N. Roemmich (Co-I)**
 Familial Influence on Body Composition and Insulin Concentrations in Youth
 Summer 2000, Endocrine Society (Research Fellowship for Ms. Friel)
 Total costs: \$2500
Responsibilities: writing grant, advising, collecting data with pre-med student.
31. **Roemmich, J.N. (PI)**
 Behavioral Modification to Alter Energy Expenditure and Body Composition of Obese Youth
 1/1999 – 12/1999, University of Virginia Children's Medical Center
 Total costs: \$10,000
Responsibilities: writing grant; study design, study coordination, data collection, statistical analyses; investigating whether weight loss increases growth hormone secretion in overweight children.
32. Fahkran, S. (PI), **J.N. Roemmich (Co-I)**
 Influence of Abdominal Visceral Fat on Hormone Release in Youth
 Summer 1998, Endocrine Society (Research Fellowship for Mr. Fahkran)
 Total costs: \$2000
Responsibilities: writing grant, advising, collecting data with pre-med student.
33. **Roemmich, J.N. (PI)**
 Influence of Energy Expenditure, Nutrition, and Hormone Secretion on Body Composition and Visceral Abdominal Fat
 1996 – 1997, University of Virginia Children's Medical Center
 Total costs: \$8551
Responsibilities: writing grant; study design, data collection, statistical analyses; use of doubly labeled water to measure energy expenditure of youth.
34. Rogol, A.D. (PI), **J.N. Roemmich (Co-I)**
 Alterations in Body Composition and Growth at Puberty

6/1996 – 4/2000, NIH-National Institute of Child Health and Human Development, RO1 HD32631
Total costs: \$1,500,000

Salary support: 100% full time effort

Responsibilities: writing grant; study design, data collection, statistical analyses, writing papers; investigation of the hormonal control of human growth, body composition, and body fat distribution during puberty.

35. Roemmich, J.N (PI)

Weight Loss Effects on Growth, Maturation, Growth Related Hormones, Protein Nutritional Markers and Body Composition of Adolescent Athletes

1/1992 – 1/1993, Sisler McFawn Foundation

Total costs: \$2000

Responsibilities: writing grant; study design, data collection and analysis for my dissertation; investigation of changes in nutritional status, growth, bone age, concentrations of growth-related hormones, and performance in wrestlers.

36. Roemmich, J.N (PI)

Weight Loss Effects on Protein Nutrition Markers, Growth Related Hormones and Body Composition of Adolescent Athletes

1/1992 – 1/1993, Quaker Oats Company

Total costs: \$1000

Responsibilities: writing grant; study design, data collection and analysis for my dissertation; investigation of changes in nutritional status, growth, bone age, concentrations of growth-related hormones, and performance in wrestlers.

37. Roemmich, J.N (PI)

Weight Loss Effects on Growth Related Hormones, Protein Nutrition Markers, Body Composition, Growth and Maturation of Adolescent Athletes

1/1992 – 1/1993, Ronald McDonald's Children's Charities

Total costs: \$8186

Responsibilities: writing grant; study design, data collection and analysis for my dissertation; investigation of changes in nutritional status, growth, bone age, concentrations of growth-related hormones, and performance in wrestlers + salary support for radiological technician.

38. Roemmich, J.N (PI)

Effects of Weight Loss on Selected Hormones in the Adolescent Wrestler

10/1/87 – 9/30/88, Ball State University Graduate Student Association

Total costs: \$160

Responsibilities: writing grant; data collection, statistical analysis for thesis; investigation of changes in concentrations of growth hormones in wrestlers.

PUBLICATIONS

Names of co-authors who were students or trainees are underlined.

Refereed Original Journal Articles (by year)

Each journal article was reviewed by at least two expert researchers in the field.

1990

1. Houmard, J.A., D.L. Costill, J.B. Mitchell, S.H. Park, R.C. Hickner and **J.N. Roemmich**. Reduced training maintains performance in distance runners. *International Journal of Sports Medicine*, 11:46-52, 1990.
2. Park, S.H., **J.N. Roemmich** and C.A. Horswill. A season of wrestling and weight loss by adolescent wrestlers: Effect on anaerobic arm power. *Journal of Applied Sport Science Research*, 4:1-4, 1990.
3. Horswill, C.A., S.H. Park and **J.N. Roemmich**. Changes in the protein nutritional status of adolescent wrestlers. *Medicine and Science in Sports and Exercise*, 22:599-604, 1990.

1991

4. Hickner, R.C., C.A. Horswill, J.M. Welker, J. Scott, **J.N. Roemmich** and D.L. Costill. Test development for the study of physical performance in wrestlers. *International Journal of Sports Medicine*, 12:557-562, 1991.

1993

5. **Roemmich, J.N.** and J.P. Frappier. Physiologic determinants of wrestling success in high school athletes. *Pediatric Exercise Science*, 5:134-144, 1993.
- 1995**
6. Perriello, V.A., J. Almquist, D. Conkwright, D. Cutter, D. Gregory, M.J. Pitrezzi, **J.N. Roemmich**, and G. Snyders. Health and weight control management among wrestlers: A proposed program for high school athletes. *Virginia Medical Quarterly*, 122:179-183, 1995.
- 1996**
7. **Roemmich, J.N.** and W.E. Sinning. Sport seasonal changes in growth, body composition, anaerobic power, and strength of adolescent wrestlers. *International Journal of Sports Medicine*, 17:92-99, 1996.
- 1997**
8. **Roemmich, J.N.** and W.E. Sinning. Weight loss and wrestling training: Effects on nutrition, growth, maturation, body composition, and strength. *Journal of Applied Physiology*, 82:1751- 1759, 1997.
 9. **Roemmich, J.N.** and W.E. Sinning. Weight loss and wrestling training: II. Effects on growth-related hormones. *Journal of Applied Physiology*, 82:1760-1764, 1997.
 10. **Roemmich, J.N.**, R.M. Blizzard, S.D. Peddada, R.M. Malina. A.F. Roche, J.M. Tanner, and A.D. Rogol. Longitudinal assessment of hormonal and physical alterations during normal puberty in boys. IV: Predictions of adult height by the Bayley-Pinneau, Roche-Wainer-Thissen, and Tanner-Whitehouse methods compared. *American Journal of Human Biology*, 9:371-380, 1997.
 11. **Roemmich, J.N.**, X. Li, A.D. Rogol, and E.F. Rissman. Food availability affects neural estrogen receptor immunoreactivity in prepubertal mice. *Endocrinology*, 138:5366-5373, 1997.
 12. **Roemmich, J.N.**, P.A. Clark, A. Weltman, and A.D. Rogol. Alterations in growth and body composition during puberty: I. Comparison among 2-, 3- and 4-compartment models of body composition. *Journal of Applied Physiology*, 83:927-935, 1997.
- 1998**
13. **Roemmich, J.N.**, P.A. Clark, S. Berr, V. Mai, C. Mantzoros, A. Weltman, J.S. Flier, and A.D. Rogol. Alterations in growth and body composition during puberty: II. Gender differences in leptin levels during puberty are related to the subcutaneous fat depot and sex steroids. *American Journal of Physiology*, 275:E543-E551, 1998.
 14. **Roemmich, J.N.**, P.A. Clark, V. Mai, S. Berr, A. Weltman, J.D. Veldhuis, and A.D. Rogol. Alterations in growth and body composition during puberty: III. Influence of maturation, gender, body composition, fat distribution, aerobic fitness, and energy expenditure on nocturnal growth hormone release during puberty. *Journal of Clinical Endocrinology and Metabolism*, 83:1440-1447, 1998.
- 1999**
15. **Roemmich, J.N.** and A.D. Rogol. Hormonal changes during puberty and relationship to fat distribution. *American Journal of Human Biology*, 11:209-224, 1999.
 16. **Roemmich, J.N.** and A.D. Rogol. Evidence Supporting an Adipo-Leptin-Growth Hormone Axis in obesity-related hypsomatotropism. *The Endocrinologist*, 9(6):424-430, 1999.
- 2000**
17. Perks, S.M., **J.N. Roemmich**, M. Sadow-Pajewski, P.A. Clark, E. Thomas, A. Weltman, J. Patrie, and A.D. Rogol. Alterations in growth and body composition during puberty. IV. Energy intake estimated by the youth/adolescent food frequency questionnaire: validation by the doubly labeled water method. *American Journal of Clinical Nutrition*, 72: 1455-1460, 2000.
 18. **Roemmich, J.N.**, P.A. Clark, K. Walter, A. Weltman, and J. T. Patrie, A.D. Rogol. Pubertal Alterations in growth and body composition. V. Energy expenditure, adiposity, and fat distribution. *American Journal of Physiology*, 279: E1426-E1436, 2000.
 19. Veldhuis, J.D., **J.N. Roemmich**, and A.D. Rogol. Alterations in growth and body composition during puberty. VII. Gender and maturation-dependent contrasts in the dynamics of growth-hormone (GH) secretion in male and female prepubertal children and late adolescents: ultrasensitive chemiluminescence-based assay of basal, pulsatile, entropic, and rhythmic modes of GH release. *Journal of Clinical Endocrinology and Metabolism*, 85: 2385-2394, 2000.
- 2001**
20. **Roemmich, J.N.**, M.G. Huerta, S.M. Sundaresan, and A.D. Rogol. Alterations in body composition and fat distribution in growth hormone-deficient prepubertal children during growth hormone therapy. *Metabolism*, 50:537-547, 2001.

21. Epstein, L.H., R.A. Paluch, L.E. Kalakanis, G.S. Goldfield, F.J. Cerny and **J.N. Roemmich**. How much activity do youth get? A quantitative review of heart-rate measured activity. *Pediatrics*,108: e44, 2001.
- 2002**
22. **Roemmich, J.N.**, P.A. Clark, M. Lusk, A. Friel, A. Weltman, L.H. Epstein, and A.D. Rogol. Pubertal alterations in growth and body composition. VI. Pubertal insulin resistance: relation to adiposity, body fat distribution, and hormone release. *International Journal of Obesity and Related Metabolic Disorders*, 26: 701-709, 2002.
23. **Roemmich, J.N.**, S.M. Wright, and L.H. Epstein. Dietary restraint and stress-induced snacking in youth. *Obesity Research*, 10: 1120-1126, 2002.
- 2003**
24. **Roemmich, J.N.**, P.A. Clark, C.S. Mantzoros, C. M. Gurgol, A. Weltman, and A.D. Rogol. Alterations in growth and body composition during puberty. VIII. Relationship of leptin to bone mineralization in children and adolescents. *Journal of Clinical Endocrinology and Metabolism*, 88:599-604, 2003.
25. Epstein, L.H., J.B. Richards, F.G. Saad, R.A. Paluch, **J.N. Roemmich**, and C. Lerman. Comparison between two measures of delayed discounting in smokers. *Experimental and Clinical Psychopharmacology*, 11:131-138, 2003.
26. **Roemmich, J.N.**, C.M. Gurgol, and L.H. Epstein. Influence of an interpersonal laboratory stressor on youths' choice to be physically active. *Obesity Research*, 11:1080-1087, 2003.
27. Epstein, L.H., F.G. Saad, E.A. Handley, **J.N. Roemmich**, L.W. Hawk, and F.K. McSweeney. Habituation of salivation and motivated responding for food in children. *Appetite*, 41:283-289, 2003.
- 2004**
28. Leddy, J.J., L.H. Epstein, J.L. Jaroni, **J.N. Roemmich**, R.A. Paluch and G.S. Goldfield. The influence of methylphenidate on eating in obese men. *Obesity Research*, 12:224-232, 2004.
29. **Roemmich, J.N.**, C.M. Gurgol and L.H. Epstein. Open loop feedback increases physical activity of youth. *Medicine and Science in Sports and Exercise*, 36(4):668-673, 2004.
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1997

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1988

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- 1998**
22. Huerta, M.G., **J.N. Roemmich**, D. Fort, and A.D. Rogol. Growth hormone (GH) secretion and body composition in childhood survivors of central nervous system (CNS) tumors. *5th International Conference of Complications of Treatment of Children and Adolescents for Cancer, Niagara-on-the-Lake, Ontario, Canada*, 1998.
 23. **Roemmich, J.N.**, P.A. Clark, V. Mai, S.S. Berr, A. Weltman, J.D. Veldhuis, and A.D. Rogol. Growth hormone (GH) release is more related to pubertal development than body composition or fat distribution. *45th Meeting of the American College of Sports Medicine, Orlando, FL*, 1998.
 24. **Roemmich, J.N.**, P.A. Clark, S.S. Berr, V. Mai, R. Poonawalla, A. Malik, S. Fakhran, C.S. Mantzoros, J.S. Flier, A. Weltman, and A.D. Rogol. Abdominal visceral fat (AVF) is related to energy expenditure, leptin, and fat mass in children and adolescents. *The American Pediatric Society and The Society for Pediatric Research Annual Meeting, New Orleans*, 1998.
 25. **Roemmich, J.N.**, P.A. Clark, C.S. Mantzoros V. M. Mai, S.S. Berr, A. Weltman, J.S. Flier, and A.D. Rogol. Longitudinal changes in leptin concentration during puberty are related to changes in to subcutaneous fat and mean nocturnal growth hormone release. *80th Annual Meeting of The Endocrine Society, New Orleans*, 1998.
 26. **Roemmich, J.N.**, E.N. Williams, A.D. Rogol, and E.F. Rissman. Influence of underfeeding on tyrosine hydroxylase and estrogen receptor immunoreactivities in prepubertal mice. *80th Annual Meeting of The Endocrine Society, New Orleans*, 1998.
 27. Clark, P.A., **J.N. Roemmich**, and A.D. Rogol. Relationship of endogenous growth hormone attributes with bone mineral density in children and adolescents. *80th Annual Meeting of The Endocrine Society, New Orleans*, 1998.
 28. **Roemmich, J.N.**, P.A. Clark, S.S. Berr, V. M. Mai, A. Weltman, and A.D. Rogol. Longitudinal changes in growth hormone release, body composition, and body fat distribution are inversely related in children and adolescents. *3rd International Conference of the Growth Hormone Research Society, San Francisco*, 1998.

29. **Roemmich, J.N.**, M.G. Huerta, S.M. Sundaresan, and A.D. Rogol. Changes in body composition, body fat distribution, and energy expenditure in growth hormone deficient children on growth hormone therapy. *3rd International Conference of the Growth Hormone Research Society, San Francisco, 1998.*
30. Sundaresan, S.M., **J.N. Roemmich**, D Fort, and A.D. Rogol. A pilot study of body composition, regional body fat distribution, hormone concentrations, and auxology in survivors of acute lymphoblastic leukemia and non-Hodgkins lymphoma. *Department of Pediatrics 10th Annual Research Day, 1998.*
- 1999**
31. **Roemmich, J.N.**, P.A. Clark, K. Walters, A Weltman, J Patrie, and A.D. Rogol. Total energy expenditure by the seven-day physical activity recall: Validation against doubly labeled water. *46th Meeting of the American College of Sports Medicine, Seattle, WA, 1999.*
32. J.Y. Weltman, **J.N. Roemmich**, L Wideman, J.L. Clasey, A.D. Rogol, M.L. Hartman, M.O. Thorner, and A. Weltman. Body density determination by hydrostatic weighing and air displacement plethysmography in children and adults. *46th Meeting of the American College of Sports Medicine, Seattle, WA, 1999.*
33. **Roemmich, J.N.**, P.A. Clark, A Weltman, J Patrie, and A.D. Rogol. Relation of criterion measures of physical activity energy expenditure to the body composition and fat distribution of children and youth. *Youth Sports in the 21st Century, Michigan State University, East Lansing, MI, May, 1999.*
34. **Roemmich, J.N.**, P.A. Clark, M. Straume, A. Weltman, J.D. Veldhuis and A.D. Rogol. Nocturnal growth hormone release is inversely related to the subcutaneous fat depot and nocturnal leptin release in boys and girls. *81st Annual Meeting of The Endocrine Society, San Diego, CA 1999.*
35. Clark, P.A., B. Olds, R. Morton, S Sheikh, L Howell, M. Eddy, **J.N. Roemmich**, A.D. Rogol, and N. Eid. Growth suppression in children and adolescents with asthma treated with inhaled fluticasone. *81st Annual Meeting of The Endocrine Society, San Diego, CA 1999.*
- 2000**
36. Weltman, A., A.D. Rogol, and **J.N. Roemmich** Estimating total body water (TBW) and fat-free mass (FFM) from multifrequency bioelectrical impedance (MFBI) in children. *47th Meeting of the American College of Sports Medicine, Indianapolis, IN June, 2000.*
37. **Roemmich, J.N.**, L Wideman, J.Y. Weltman, A.D. Rogol, and A. Weltman. Body density by air displacement plethysmography: validation against underwater weighing in the Same Children on Two Occasions. *47th Meeting of the American College of Sports Medicine, Indianapolis, IN June 2000.*
38. **Roemmich, J.N.**, S.M. Perks, M. Sandow-Pajewski, P.A. Clark, E. Thomas, A. Weltman, J. Patrie, and A.D. Rogol. Energy intake by youth/adolescent food frequency questionnaire and 3-day diet record: validation by the doubly labeled water method. *Association for Patient-Oriented Research, Arlington, VA, March, 2000.*
39. **Roemmich, J.N.**, M. Lusk, P.A. Clark, G. Wagner, C.S. Mantzoros, A.L. Weltman, and A.D. Rogol. Fat mass, intramuscular fat, leptin and insulin-like growth factor-I have independent effects on fasting serum insulin concentrations. *82nd Annual Meeting of the Endocrine Society, Toronto, Canada, June, 2000.*
40. **Roemmich, J.N.**, P.A. Clark, G. Wagner, and A.D. Rogol. Pubertal Maturation Regulates the Inverse Relationship Between Adiposity and Growth Hormone Release. *Growth Hormone Research Society, Goteborg, Sweden, September, 2000.*
41. **Roemmich, J.N.**, M. Brunet, A. Friel, A. Ziauddin, A. Weltman, and A.D. Rogol. Reductions in Subcutaneous Fat are Related to Increased Growth Hormone Release in Moderately Obese Prepubertal Boys and Girls. *North American Association for the Study of Obesity, Long Beach, CA October, 2000.*
- 2001**
42. **Roemmich, J.N.**, P.A. Clark, A. Weltman, and A.D. Rogol. Longitudinal changes in total energy expenditure of boys and girls and repeat validation of the Seven-Day Physical Activity Recall against doubly labeled water. *48th Meeting of the American College of Sports Medicine, Baltimore, MD, June 2001.*
43. Richmond, E.J., **J.N. Roemmich**, J.T. Patrie, and A.D. Rogol. Serum lipid and lipoprotein concentrations during puberty: relationships to sex steroids, growth hormone release and body composition. *83rd Annual Meeting of the Endocrine Society, Denver, CO, June, 2001.*
44. **Roemmich, J. N.**, P.A. Clark, C.S. Mantzoros, L.H. Epstein, and A.D. Rogol. Biology of puberty in boys: longitudinal alterations in body fat, leptin, free-testosterone, growth hormone, and height velocity. *83rd Annual Meeting of the Endocrine Society, Denver, CO, June, 2001.*
45. Houlihan, C.M., G. Worley, M. Conaway, **J.N. Roemmich**, A.D. Rogol, M. O'Donnell, R.C. Henderson, R.D. Stevenson, and the North American Growth in Cerebral Palsy Project (NAGCPP). Longitudinal Study of the

Progression of Secondary Sexual Characteristics in Children with Cerebral Palsy. *55th Meeting of the American Academy for Cerebral Palsy and Developmental Medicine, Long Beach, CA, September 2001.*

46. **Roemmich, J.N., S.M. Wright,** and L.H. Epstein. Dietary restraint influences stress-induced eating in children. *North American Association for the Study of Obesity, Quebec City, Ontario, October, 2001.*

2002

47. **Gurgol, C.M., J.N. Roemmich,** P.A. Clark, C.S. Mantzoros, A. Weltman, and A.D. Rogol. Serum leptin concentrations are related to bone mass in youth independently of GH-IGF-I system. *49th Meeting of the American College of Sports Medicine, St. Louis, MO June 2002.*
48. **Roemmich, J.N.,** A.D. Rogol, J.E. Hale, T.R. Nagy, B.A. Gower, D.B. Lubahn, and E.F. Rissman. Exercise augments bone mineral independent of the estrogen receptor-alpha in female mice. *49th Meeting of the American College of Sports Medicine, St. Louis, MO June 2002.*
49. **Roemmich, J.N.,** P.A. Clark, A.L. Weltman, J.D. Veldhuis, and A.D. Rogol. Spontaneous Nocturnal GH Secretion is Reduced and GH Metabolic Clearance is Accelerated in Overweight Youth. *84th Annual Meeting of the Endocrine Society, San Francisco, CA June, 2002.*
50. Huerta MG, **Roemmich JN,** Bovbjerg VE, Holmes VF, Clarke WL, Rogol AD, Nadler JL Association between serum magnesium and insulin sensitivity in obese children. *84th Annual Meeting of the Endocrine Society, San Francisco, CA June, 2002.*
51. **Houlihan, C.M.,** G Worley, M. Conaway, **J.N. Roemmich,** A.D. Rogol, M. O'Donnell, R.C. Henderson, R.D. Stevenson, and the North American Growth in Cerebral Palsy Project (NAGCPP). Longitudinal Study of the Progression of Secondary Sexual Characteristics in Children with Cerebral Palsy. *56th Meeting of the American Academy for Cerebral Palsy and Developmental Medicine, New Orleans, LA, September 2002.*

2003

52. **Roemmich, J.N., C.M. Gurgol,** and L.H. Epstein. Influence of an interpersonal laboratory stressor on choice to be physically active in youth. *50th Meeting of the American College of Sports Medicine, San Francisco, CA June 2003.*
53. **Gurgol, C.M., J.N. Roemmich,** and L.H. Epstein. Open loop feedback and reinforcement to increase physical activity of youth. *50th Meeting of the American College of Sports Medicine, San Francisco, 2003.*
54. Wright, S.M. **J.N. Roemmich,** J. Richards, and L.H. Epstein. Impulsivity differences between obese and lean adults. *Annual Meeting of the American Psychological Association, Toronto, Ontario August, 2003.*
55. Saad, F.G., L.H. Epstein, L.H., E.A. Handley, **J.N. Roemmich,** and F.K. McSweeney. Habituation of salivation and motivated responding for food in children. *Annual Meeting of the American Psychological Association, Toronto, Ontario, Canada, August, 2003.*
56. **Roemmich, J.N.,** M. Brunet, A.L. Weltman and A.D. Rogol. Degree of Insulin Resistance Predicts Weight Change in Obese Children During Weight Loss Therapy. *85th Annual Meeting of the Endocrine Society, Philadelphia, PA, June, 2003.*

2004

57. **Barkley, J.E., J.N. Roemmich,** C. Kuo, L.H. Epstein, **L. Gopolan** and **C. Gurgol.** Predictors of Self-Reported Physical Activity of Children. *51st Meeting of the American College of Sports Medicine, Indianapolis, IN June 2004.*
58. **Roemmich, J.N.,** E.Y. Liu, A.D. Rogol, L.H. Epstein and T. Quattrin. Diminished Insulin Resistance with Weight Loss in Severely Overweight Youth. *86th Annual Meeting of the Endocrine Society, New Orleans, LA, June, 2004.*
59. **Roemmich, J.N.,** P.A. Clark, J. Patrie, A.L. Weltman, and A.D. Rogol. A Longitudinal Assessment of the Alterations in Bone Mineral Content and Apparent Density in Boys and Girls as They Pass Through Puberty. *86th Annual Meeting of the Endocrine Society, New Orleans, LA, June, 2004.*
60. **Wrotniak, B.H.,** L.H. Epstein, R.A. Paluch, and **J.N. Roemmich.** The effect of parent and child adherence on long-term weight loss in family-based behavioral obesity treatment. *NAASO 2004 Annual Scientific Meeting, Las Vegas, NV, November, 2004.*

2005

61. Beecher, M.D., L.H. Epstein, and **J. N. Roemmich.** Substituting Healthy Food Alternatives for High-Energy Dense Food. *Society for Behavioral Medicine, Boston, MA, April, 2005*
62. Leddy, J.J., C. Nugent, **J.N. Roemmich,** R. Salis, and L. H. Epstein Dopamine D2 receptor genotypes and physical activity levels. *52nd Meeting of the American College of Sports Medicine, Nashville, TN June 2005.*

63. Barkley, J.E., **J.N. Roemmich**, C.L. Kuo, L.H. Epstein, T. White, and J. Foster. Validity of OMNI and CERT RPE Scales in Children. *52nd Meeting of the American College of Sports Medicine, Nashville, TN* June 2005.
64. **Roemmich, J.N.**, J. Barkley, L. D'Andrea², M. Nikova², A.D. Rogol, and P.M. Suratt. Reduced Physical Activity And Increased Overweight Following Adenotonsillectomy In Children With Obstructive Sleep Apnea. *52nd Meeting of the American College of Sports Medicine, Nashville, TN* June 2005.
65. Robinson, J.L., J.H. Fuerch, D.D. Winiewicz, **J.N. Roemmich**, and L.H. Epstein. Cost effectiveness of recruitment methods in a prevention trial for young children. *Society of Behavioral Medicine, Boston, MA* March 2005.
66. Robinson, J.L., D.D. Winiewicz, J.H. Fuerch, **J.N. Roemmich**, and L.H. Epstein. Validation of parental estimate versus objective measures of child TV watching and computer usage. *Society of Behavioral Medicine, Boston, MA* March 2005.
67. Epstein, L.H., S. Raja, S.S. Gold, R.A. Paluch, and **J.N. Roemmich**. The neighborhood built environment influences substitution of physical activity for sedentary behavior in youth. *Society of Behavioral Medicine, Boston, MA* March 2005.
68. Beecher, M.D., L.H. Epstein, and **J.N. Roemmich**. Substituting healthy food alternatives for high-energy dense foods. *Society of Behavioral Medicine, Boston, MA* March 2005.
69. **Roemmich, J.N.**, L.H. Epstein, S. Raja, and L. Yin. The built environment: Disparate effects on physical activity and sedentary behaviors in youth. *Association of Collegiate Schools of Planning Annual Conference, Kansas City, MO* October, 2005.
70. Temple, J.L., A. Giacomelli, **J.N. Roemmich**, and L.H. Epstein. Food variety decreases salivary habituation to olfactory food cues. *Society for the Study of Ingestive Behavior, Pittsburgh, PA*, July 2005.
71. Wrotniak, B.H., L.H. Epstein, **J.N. Roemmich**, and R.A. Paluch. The relationship between parent weight change and child weight change from six months to ten years in family-based behavioral weight control treatment. *NAASO 2005 Annual Scientific Meeting, Vancouver, British Columbia, October, 2005.*
- 2006**
72. Barkley, J.E., **J.N. Roemmich**, L.H. Epstein, and J. McNeilis. Reinforcing Value of Interval and Continuous Exercise Above and Below the Ventilatory Threshold. *53rd Meeting of the American College of Sports Medicine, Denver, June 2006.*
73. Suratt, P.M., **J.N. Roemmich**, J. Barkley, L. D'Andrea², M. Nikova², A.D. Rogol, and M.A. Carskadon. Children with obstructive sleep disordered breathing who gain weight after adenotonsillectomy have decreases in motor activity and hyperactivity. *American Thoracic Society Annual Meeting, San Diego, May 2006.*
74. Kuperminc, M.N., M.J. Gurka, C.M. Houlihan, R.C. Henderson, **J.N. Roemmich**, A.D. Rogol, and R.D. Stevenson. Longitudinal study of growth velocity and growth hormone release in pubertal children with cerebral palsy compared and healthy children. *American Academy of Cerebral Palsy and Developmental Medicine, Boston, September, 2006.*
75. Houlihan, C.M., M.N. Kuperminc, M.J. Gurka, A.D. Rogol, **J.N. Roemmich**, M. Conaway, R.C. Henderson, and R.D. Stevenson. Longitudinal comparison of the Hormonal influences controlling puberty in children with CP compared to a reference group of normally growing children. *American Academy of Cerebral Palsy and Developmental Medicine, Boston, September, 2006.*
- 2007**
76. **Roemmich, J.N.**, J.E. Barkley, C.L. Lobarinas, L.H. Epstein, J.H. Foster, and T.M. White. Liking and Reinforcing Value: Independent Predictors of Children's Physical Activity. *54th Meeting of the American College of Sports Medicine, New Orleans, June, 2007.*
77. Barkley, J.E., **J.N. Roemmich**, and L.H. Epstein. Validity of a computer task to assess the reinforcing value of interval exercise relative to continuous exercise. *54th Meeting of the American College of Sports Medicine, New Orleans, June, 2007.*
- 2008**
78. Barkley, J.E., **J.N. Roemmich**, E.J. Ryan, D. Bellar, M.V. Bliss and M. Rittenhouse. The Effect of Increasing the Variety of Exercise Equipment on the Physical Activity Level of Children. *55th Meeting of the American College of Sports Medicine, Indianapolis, IN, June, 2008.*
79. Lambiase, M. and **J.N. Roemmich**. The Protective Effect of Exercise Against Cardiovascular Reactivity to an Interpersonal Stressor in Children. *55th Meeting of the American College of Sports Medicine, Indianapolis, IN, June, 2008.*

80. Yin, L. S. Raja, **J.N. Roemmich**, L.H. Epstein, and Xiao Li. Neighborhood for Playing: Using GPS, GIS, and Accelerometer to Assess Children's Playing Environment. *16th International Conference on Geoinformatics and Joint Conference on GIS and Built Environment*, Guangshou, China, June, 2008.

2009

81. Barkley, J.E. and **J.N. Roemmich**. Validity of Two Pediatric RPE Scales for Bicycle Exercise Above and Below the Ventilatory Threshold. *56th Meeting of the American College of Sports Medicine*, Seattle, WA, June, 2009.
82. **Roemmich, J.N.**, T.M. White, R. Paluch, and L.H. Epstein. Energy intake, parental control of children's eating and physical activity in siblings discordant for adiposity. *56th Meeting of the American College of Sports Medicine*, Seattle, WA, June, 2009.
83. M.J. Lambiase, **Roemmich, J.N.**, C.L. Lobarinas, P.N. Joseph, and J. Dorn. Cardiovascular reactivity to psychological stress and carotid intima-media thickness in children. *56th Meeting of the American College of Sports Medicine*, Seattle, WA, June, 2009.
84. Yin, L. S. Raja, **J.N. Roemmich**, L.H. Epstein, and Xiao Li. Neighborhood for Playing: Using GPS, GIS, and Accelerometer to Assess Children's Playing Environment. *ACSP 2010 51st Annual Conference*, Crystal City, VA, October, 2009.

2010

85. **Roemmich, J.N.**, S. Raja, L. Yin, L. Epstein, C. Lobarinas, S. Baek, R. Garrity, and R. Paluch, Children's Choices of Park Elements for Physical Activity. *7th Active Living Research Annual Conference*, San Diego, CA, February, 2010.
86. **Roemmich, J.N.**, C.L. Lobarinas, J. Barkley, J.H. Foster, T.M. White, and L.H. Epstein. Use Of Open-loop Feedback And Reinforcement To Increase Physical Activity Of Youth. *57th Meeting of the American College of Sports Medicine*, Baltimore, MD, June, 2010.
87. Feda, D.M., M.J. Lambiase, and J.N. Roemmich. Choice of Active Toys Increases Physical Activity in Children. University at Buffalo Post-Doctoral Research Symposium, June, 2010
88. **Roemmich, J.N.**, M.J. Lambiase, D.M. Feda, and J. Dorn. Stress-induced cardiovascular reactivity that predicts atherogenesis in children is dampened by acute exercise. University of Pittsburgh Mind-Body Center's Summer Institute, Pittsburgh, PA, June 2010.
89. Barkley, J.E., S-J. Salvy, and **J.N. Roemmich**. The effect of simulated ostracism on physical activity behavior of children. 28th Annual Scientific Meeting of The Obesity Society, San Diego CA, October, 2010.
90. Yin, L. S. Raja, **J.N. Roemmich**, L.H. Epstein, and X. Li. Accessibility and physical activity: A space-time Model. *ACSP 2010 51st Annual Conference*, Minneapolis, MN, October, 2010.

2011

91. **Roemmich, J.N.**, M. Lambiase, T. McCarthy, D. Feda, and K. Kozlowski. Increasing the Variety of Traditional Active Toys and Exergames to Promote Physical Activity in Children. *8th Active Living Research Annual Conference*, San Diego, CA, February, 2011.
92. Quattrin, T., **J.N. Roemmich**, R. Paluch, J. Yu, L.H. Epstein, and M.A. Ecker. Treating pre-school overweight children in the primary care setting: preliminary results of Buffalo Healthy Tots (BHT). *Society For Pediatric Research*, Denver CO, May 2011.
93. Feda, D.M., M.J. Lambiase, T.F. McCarthy, J.E. Barkley, and **J.N. Roemmich**. Effect of Increasing Toy Variety on Children's Physical Activity. *58th Meeting of the American College of Sports Medicine*, Denver, CO, June, 2011.
94. **Roemmich, J.N.**, S. Raja, L. Yin, L. Epstein, C. Lobarinas, S. Baek, and R. Garrity. Environmental and Psychosocial Determinants of Children's Physical Activity When Visiting an Urban Park. *58th Meeting of the American College of Sports Medicine*, Denver, CO, June, 2011.
95. Klyczek, M.E., D.M. Feda, and **J.N. Roemmich**. Stress and Adiposity. *University at Buffalo Honors Day Presentations*, Buffalo, NY, March, 2011.
96. Kashanian, N., Klyczek, M.E., D.M. Feda, and **J.N. Roemmich**. Stress and Body Mass Index. *University at Buffalo Celebration of Academic Excellence*, Buffalo, NY, March, 2011.
97. Balantekin, K.N. and **J.N. Roemmich**. Psychological Stress and Children's Coping Behaviors: Choices among Food, Physical Activity, and Television. Society for the Study of Ingestive Behaviors, Clearwater, FL, July 2011.

2012

98. Feda, D.M., A. Seelbinder, S. Raja, L. Yin, and **J.N. Roemmich**. Association of park access with usual stress of adolescents. *59th Meeting of the American College of Sports Medicine*, San Francisco, CA, June, 2012.
99. Seelbinder, A., D.M. Feda, J. Dorn, and **J.N. Roemmich**. Stress Habituation and Alterations in Perceived Stress Predict BMI Percentile Changes Across a School Year. *59th Meeting of the American College of Sports Medicine*, San Francisco, CA, June, 2012.
100. **Roemmich, J.N.**, D.M. Feda, A.M. Seelbinder, M.J. Lambiase, and Joan Dorn. Interactive Effects of Stress Reactivity and Usual Stress on Adolescents Cardiovascular Health. *59th Meeting of the American College of Sports Medicine*, San Francisco, CA, June, 2012.
101. Juvancic-Heltzel, J.A., G. J. Sanders, M.L. Williamson, **J. N. Roemmich**, D.M. Feda, and J. E. Barkley. Effect of Level of Autonomy on the Amount of Physical Activity in Young Children. *59th Meeting of the American College of Sports Medicine*, San Francisco, CA, June, 2012.
102. Quattrin, T., **J.N. Roemmich**, R. Paluch, J. Yu, L.H. Epstein, and M.A. Ecker. Parent weight change predicts child weight change in family-based weight control for pre-school children conducted in the primary care setting (Buffalo Healthy Tots) *Society For Pediatric Research*, Boston, MA, May 2012.
103. Lambiase, M.J., J. Dorn, and **J.N. Roemmich**. Metabolic and Cardiovascular Adjustments during Psychological Stress and Carotid Artery Intima-Media Thickness in Youth. *Society for Behavioral Medicine, 33rd Annual Meeting & Scientific Sessions*, New Orleans, LA, April 11-14, 2012
104. Moon, J., J. Sieling, L. D. Whigham, and **J.N. Roemmich**. Multiple input modes for context appropriate diet reporting. International Society for Behavior Nutrition and Physical Activity Annual Meeting, May 23-26, 2012, Austin, TX
105. Feda, D.M. C. Bennett, A. Tam, L. Little, L.H. Epstein, and **J.N. Roemmich**. Dishabituating properties of cognitive and interpersonal stressors. *The Obesity Society, 30th Annual Scientific Meetings, San Antonio, TX, Sept 20-24, 2012.*

Invited Presentations/Invited Symposia/Expert Panel Discussions by year

1998

1. **Invited Presentation.** Body Composition, Body Fat Distribution, and Hormone Release in Children and Adolescents. Nemours Children's Clinic, Jacksonville, FL, August 1998

1999

2. **Invited Presentation.** Pediatric Obesity: Measurement Issues and Relationship of Adiposity to Hormone Secretion and Energy Expenditure. Mary Imogene Bassett Research Institute, Cooperstown, NY. Aug, 1999

2000

3. **Invited Presentation.** Nutrition-Hormone Interactions in Children and Adolescents. Florida State University, Tallahassee, FL, February, 2000.
4. **Invited Presentation.** Nutrition-Hormone Interactions in Children and Adolescents. University of New Mexico, Albuquerque, NM, April, 2000.
5. **Invited Presentation.** Nutrition-Hormone Interactions in Children and Adolescents. Research seminar for the Department of Physical Therapy, Exercise, and Nutrition Sciences. September 22, 2000.
6. **Invited Presentation.** Interactions Among Body Composition, Body Fat Distribution and Hormone Secretion in Youth. University at Buffalo, Department of Pediatrics, Grand Rounds, October 13, 2000.
7. **Symposium.** Biomechanics of Musculoskeletal Injuries in Young Athletes: Growth and Developmental Issues. *47th Meeting of the American College of Sports Medicine, Indianapolis, IN* June 2000.

2002

8. **Symposium.** Insulin Resistance Syndromes. The Leptin-Insulin Axis in Puberty. *Pediatric Academic Societies' Annual Meeting, Baltimore, MD* May, 2002.

2003

9. **Invited Presentation.** Causes, Consequences, and Treatment of Childhood Obesity. University of Findley, Fall Research Forum, October 16, 2003.
10. **Invited Presentation.** Childhood Obesity: A Growing Epidemic. VA Western New York Healthcare System. November 19, 2003.

2006

11. **Invited Presentation.** Association of Parks and Recreation Facilities with the Physical Activity of Youth. University at Buffalo School of Architecture and Planning. Interdisciplinary Seminar on Health and the Built Environment, Clarkson Week 2006. March 23, 2006.
 12. **Invited Presentation.** Health Behaviors in Youth. University at Buffalo School of Medicine. Department of Pediatrics, NHLBI Minority Student Program. July 14, 2006.
- 2007
13. **Invited Presentation.** Environmental Influences on Health Behaviors of Children. University at Buffalo School of Medicine. Department of Pediatrics, NHLBI Minority Student Program. June 8, 2007.
 14. **Invited Presentation.** Obesity in Youth and Adults, Prevalence and Prevention. Grand Forks Human Nutrition Research Center, United States Department of Agriculture, Agriculture Research Service, Grand Forks, ND, September 10, 2007.
- 2009
15. **Symposium.** Playgrounds, Parks, and Physical Activity: Active Living Research and Child Development. Parks and Recreational Facilities and the Physical Activity of Youth. Society for Research in Child Development, Denver, CO, April 4, 2009.
 16. **Expert Panel Discussion.** NIH Gene and Environment Initiative 3 Gs workshop (GPS, GIS, & Genes) for grantees funded to measure physical activity, diet, and psychosocial stress with a common element of better measurement using GPS. Participated in a discussion of the challenges of collecting global positioning system data.
 17. **Invited Presentation.** Behavioral and Biological Pathways Between Stress and Health in Children. University at Buffalo School of Public Health. Department of Exercise and Nutrition Sciences. December 4, 2009.
- 2010
18. **Invited Roundtable Discussion.** Children and Physical Activity - Measurement Approaches. Active Living Research Conference, San Diego, CA, February 10, 2010.
 19. **Invited Presentation.** Behavioral and Biological Pathways Between Stress and Health in Children. University at Buffalo, Department of Pediatrics, Grand Rounds, June 8, 2010.
 20. **Invited Presentation.** Increasing Physical Activity of Youth: Home- and Built-Environment Approaches. Grand Forks Human Nutrition Research Center, United States Department of Agriculture, Agriculture Research Service, Grand Forks, ND, November 16, 2010.
- 2011
21. **Invited Roundtable Discussion.** Children and Physical Activity - Measurement Approaches. Active Living Research Conference, San Diego, CA, February 23, 2011.
- 2012
22. **Invited Presentation.** Healthy Body Weight Research. USDA Grand Forks HNRC and USARIEM MND Planning Meeting. Natick, MA, January 9th, 2012.
 23. **Invited Presentation.** Behavioral Approaches to Weight Control. Grand Forks Health & Wellness Fair, Grand Forks, ND. March 10th, 2012.
 24. **Invited Presentation.** Behavioral and Biological Pathways Between Stress and Health in Children. South Dakota State University's 29th Annual Health and Nutrition Conference, Brookings, SD, March 27, 2012.
 25. **Invited Presentation. Keynote address:** Park Access, Park Amenities, Internal Motivation and the Physical Activity of Youth and Adults. Midwest Parks and Recreation Conference, Grand Forks, ND., April 30, 2012.
 26. **Invited Presentation.** Presentation: How Can We Increase Physical Activity and Decrease TV Watching in Children and Adolescents? Session: HTS.201. Meeting the Challenge of Physical Activity in Children and Adolescents. American Heart Association Annual Meeting, Los Angeles, CA, November 5th, 2012. (declined due to ARS travel restrictions)
 27. **Invited Presentation.** Parks: Neighborhood Resources for Physical Activity. Optimist Club, Grand Forks, ND, May 23, 2012.

PARTICIPATION IN OTHER PROFESSIONAL MEETINGS, TECHNICAL CONFERENCES, WORKSHOPS

1. Attended the Taking Action to End Hunger Summit meeting. Fargo, ND, September 19-21, 2011.
2. Attended the 9th Annual American Indian Health Research Conference, Grand Forks, ND, October 28, 2011.

CONTINUING EDUCATION AND LEADERSHIP TRAINING

- Re-inventing Diversity for Today's USDA (Supervisors), October 27, 2011
- Extramural Agreements Training for Authorized Departmental Officer's Designated Representative, January 13, 2012
- New Research Leader Orientation, January 25-27, 2012
- Northern Plains Area New Scientist Orientation, April 16-20, 2012
- Pay and Leave, May 5, 2012
- Human Resources Management, May 15, 2012
- Congressional Briefing Conference-Georgetown University/Washington DC, June 4-7, 2012
- Position Management and Classification, June 12, 2012
- Coaching Towards High Performance - overview of the coaching process and detects ways to use coaching to enhance their effectiveness and the effectiveness of others. Employees will learn the CARE +5 and GROW coaching models, June 27, 2012
- Partnerships and Grantsmanship Webinar, July 30, 2012

SERVICE TO THE PROFESSION

Grant Reviewer

August, 2004	Children's Research Center of Michigan
November, 2004	University of Southern California, Department of Preventive Medicine, Division of Health Behavior
November, 2004	National Institutes Of Health Special Emphasis Panel/Initial Review Group 2005/01 ZRG1 Risk, Prevention & Health Behavior-C (12) (B)
March, 2005	National Institutes Of Health Special Emphasis Panel/Initial Review Group 2005/05 ZRG1 Risk, Prevention & Health Behavior-C (10) (B)
June, 2005	Duke University, Department of Pharmacology and Internal Medicine,
June, 2005	National Institutes Of Health Request for Applications: Site Specific Approaches to Prevention or Management of Pediatric Obesity 2005/10 ZRG1 HOP-S (50) (R),
July, 2005	National Institutes Of Health Special Emphasis Panel/Initial Review Group 2005/10 ZRG1 Risk, Prevention & Health Behavior-C (10) (B)
November, 2005	National Institutes Of Health Special Emphasis Panel/Initial Review Group 2005/10 ZRG1 Risk, Prevention & Health Behavior-C (10) (B)
March, 2006	National Institutes Of Health Special Emphasis Panel/Initial Review Group 2006/05 ZRG1 Risk, Prevention & Health Behavior-C (10) (B)
June, 2006	National Institutes Of Health Special Emphasis Panel/Initial Review Group 2006/05 ZRG1 Risk, Prevention & Health Behavior-C (10) (B)
December, 2006	University at Buffalo, Interdisciplinary Research Development Fund, 12/7/2006
March, 2007	National Institutes Of Health Special Emphasis Panel/Initial Review Group 2007/10 ZRG1 Risk, Prevention & Health Behavior-C (10) (B)
March, 2007	American Diabetes Association Research Funding Program, 3/22/2007
June, 2007	National Institutes of Health Endocrinology, Metabolism, Nutrition and Reproductive Sciences Initial Review Group, Clinical And Integrative Diabetes And Obesity Study Section
July, 2007	National Institutes Of Health Special Emphasis Panel/Initial Review Group 2007/10 ZRG1 Risk, Prevention & Health Behavior-C (10) (B)
September, 2007	National Institutes Of Health Special Emphasis Panel/Initial Review Group 2008/01 ZRG1 Risk Prevention & Health Behavior Across the Life Span C (10) (B)
June, 2008	National Institutes Of Health Special Emphasis Panel/Initial Review Group 2008/10 ZRG1 Risk Prevention & Health Behavior Across the Life Span C (10) (B)
August, 2008	National Institutes Of Health 2008/10 ZRG1 EMNR-B (02) M Diabetes, Obesity, and Energy Balance

October, 2008 National Institutes Of Health Special Emphasis Panel/Initial Review Group 2008/10 ZRG1 Risk Prevention & Health Behavior Across the Life Span C (10) (B)

September, 2008 Nevada Inter-institutional Biomedical Research Fund

September, 2009 National Institutes Of Health 2010/01 ZRG1 RPHB-C (53)R RFA-OD-09-008 BRDG - SPAN and RFA-OD -09-009 Catalyst ARRA Review Panel #13

June, 2012 National Institutes Of Health Special Emphasis Panel/Initial Review Group 2012/10 ZRG1 Risk Prevention & Health Behavior Across the Life Span C (10) (B)

Abstract Reviewer

2009 Active Living Research Annual Conference, San Diego CA

Editorial Service

2011-2013 Associate Editor on the Editorial Board of *Exercise and Sport Sciences Reviews*

Manuscript Reviewer (1 - 2 reviews per month)

<i>American Journal of Human Biology</i>	<i>Journal of Clinical Investigation</i>
<i>American Journal of Physiology</i>	<i>Journal of Physical Activity & Health</i>
<i>American Journal of Preventive Medicine</i>	<i>Journal of Psychophysiology*</i>
<i>Canadian Journal of Applied Physiology*</i>	<i>Journal of Science and Medicine in Sport*</i>
<i>European Journal of Pediatrics*</i>	<i>Journal of the American Medical Association</i>
<i>Hormone and Metabolic Research</i>	<i>Medicine & Science in Sports & Exercise</i>
<i>International Journal of Obesity*</i>	<i>Metabolism: Clinical and Experimental</i>
<i>International Journal of Pediatric Obesity*</i>	<i>Obesity Research</i>
<i>International Journal of Sports Medicine*</i>	<i>Pediatric Exercise Science</i>
<i>Journal of Applied Physiology</i>	<i>Pediatrics</i>
<i>Journal of Adolescent Health</i>	<i>Preventive Medicine</i>
<i>Journal of Behavioral Medicine</i>	<i>Psychoneuroendocrinology</i>

*Foreign (non-US) journal

Media Interviews

1992 “Weight loss in adolescent wrestlers”
WKSU, Local Public Radio

1993 WKSU, National Public Radio

2001 “The Increasing Prevalence of Obesity in America’s Youth”
WGRZ TV

2001 “How much activity do youth get? A quantitative review of heart-rate measured activity.”
HealthScout News Service, WebMD.com, Reuters Health, Ottawa Citizen, Ottawa, Canada
Education Week

2006 “Increase in Overweight After Adenotonsillectomy in Overweight Children with Obstructive Sleep-Disordered Breathing is Associated with Decreases in Motor Activity and Hyperactivity.”
Reuters Health, Prevention Magazine

2010 “Effect of a simulated active commute to school on cardiovascular stress reactivity”

Consulting

1996 Evaluation of the Safety and Efficacy of Genotropin: Pharmacia & Upjohn

1999 – 2000 Mosaic Technologies Inc, Ideamed Division

2000 – 2002 Pubertal Alterations in Growth and Maturation, University of Virginia

Professional Memberships

- 1988 – present American College of Sports Medicine, Elected to Fellow status
1994 – present Endocrine Society, Elected to Full Member status
2000 – present North American Association for the Study of Obesity, Elected to Fellow status

National Institutes of Health Committees

- 2010 – 2011 *Chair:* Physical Activity and Fitness Subcommittee of the Common Measures and Assessments Committee for grants funded through RFA Translating Basic Behavioral and Social Science Discoveries into Interventions to Reduce Obesity: Centers for Behavioral Intervention Development. New name ‘Obesity Related Behavioral Intervention Trial (ORBIT)

USDA, AGRICULTURE RESEARCH SERVICE, GRAND FORKS HUMAN NUTRITION RESEARCH CENTER

Leadership

- 2011-present Research Leader
2011-present Director, Human Studies
2011-present Director, Exercise Physiology Laboratory

UNIVERSITY AT BUFFALO SCHOOL OF MEDICINE AND BIOMEDICAL SCIENCES

Faculty Council

- 2004 – 2009 Department of Pediatrics Representative

Grant Reviewer

- 12/7/2006 University at Buffalo, Interdisciplinary Research Development Fund
6/13/2008 University at Buffalo, Interdisciplinary Research Development Fund

Committees

- 2008 – 2009 University at Buffalo Comprehensive Physical Plan – Bike Plan Advisory Committee.
Served as a South Campus faculty representative develop UB’s first unified Bicycle Plan. The committee developed plans to accommodate bicyclists and encourage increased bicycle use at, around, and between the three UB campuses.
- 2010 Clinical Translational Science Award (CTSA) Biostatistics Function Committee
This committee was an integral part of the UB CTSA application submitted to the NIH. A biostatistics core was a key CTSA component. The committee reviewed UB and community resources in biostatistics-related clinical and translational research and formulating plans to enhance these capabilities as part of the CTSA.

Leadership - Acting Chief, Division of Behavioral Medicine

- 2006 – 2007 Acting Division Chief for the Division of Behavioral Medicine
Served as Division Chief while Len Epstein was on a year-long sabbatical. Additional duties during this time included serving as one of four members composing the Faculty Advising Committee for the development of a UB 2020 Clinical and Translational Research Strategic Strength, serving as the Division representative to the Clinical and Translational Science Research Institute, mentoring junior faculty within the Division, and attending to daily administrative duties of the Division.

Division of Behavioral Medicine Committees

2000 – 2011 We have been a division of two or three faculty since our inception in 2000. As a small group we do not have formal committees, but Dr. Epstein and I meet almost everyday and discuss Division issues such as clinical research programs, Division policies, administrative and support staff issues, student issues, and office and laboratory space.

Division of Behavioral Medicine Space Supervisor

2003 – 2009 Coordinating the use of shared Division research space amongst 3 investigators and 10 to 15 ongoing research projects.

2006-2007 In charge of working with the Senior Associate Dean for Research and Biomedical Education to identify, plan, and develop the Farber G90 research space (840 sq ft) for the Division of Behavioral Medicine.

2009 In charge of working with the Senior Associate Dean for Research and Biomedical Education to identify, plan, and develop ~1200 sq ft of my own research space and laboratory in Farber G151.

Department of Pediatrics Obesity Clinic Task Force Committee, 2003

Search Committee Chair

Spring 2011 Chaired committee to recruit two tenure track Assistant/Associate Professors, Department of Pediatrics, Division of Behavioral Medicine

Search Committee Member

Spring 2005 Tenure track position Assistant Professor of Pediatrics, Division of Behavioral Medicine

Spring 2010 Tenure track position Assistant/Associate Professor of Pediatrics, Division of Behavioral Medicine

Department of Pediatrics Ad Hoc Committee on Promotions and Tenure, 2006 - 2011

Conducting Clinical Research Programs, 2000-2011

Developed independent lines of research with continuous NIH or foundation funding since 2000.

Faculty Mentor for Underrepresented Students

Department of Pediatrics NHLBI Summer Minority Student Research Program
The grant supporting this program was completed Summer, 2007.

- Ms. Tammara Taylor, Summer 2002
- Ms. Sonya Bryan, Summer 2003
- Mr. Mohammed Adamu, Summer 2004
- Ms. Valarie Ross, Summer 2005
- Ms. Jasmine Smith, Summer 2006
- Ms. Sylvia Robinson, Summer 2007

UB Collegiate Science & Technology Program for underrepresented students

- Ms. Olubukunola Okulate – Fall, Spring 2007 and Fall, Spring 2008

TEACHING

University at Buffalo

Full Courses

ES 589: Directed Readings in Obesity (new course): Fall 2003, 2004, 2005
Research Methods and Design (new course): Spring 2005
ES 525 Research Design in Pediatric Exercise Science (new course): Spring 2009
ES 526 Pediatric Exercise Science (new course): Spring 2009, 2010

ES 526 Environments, Physical Activity and Eating (new course): Spring 2011

Sections of Medical School Courses

Integrated Study of the Gastrointestinal System, Metabolism and Nutrition

Obesity and weight control, one lecture: 2002

Exercise Science and Nutrition Courses

ES340: Physical Activity for Special Cases, two lectures: Fall: 2000, 2001, 2002

ES350: Exercise Physiology, two lectures: Spring 2002, Fall 2003

SPM515/ES515: Epidemiology and Prevention of Cardiovascular Disease, one lecture, Fall 2010

Kent State University

Full Courses

Exercise Physiology lecture and laboratory

Lifetime Fitness

Exercise and Weight Control

Physical activity courses (Fitness Walking, Weight Training, Jogging)

Teaching Assistant

Kinesiology lecture and laboratory

Anatomy laboratory

Head Laboratory Assistant 1988-1992

Taught other graduate students the use and calibration of instruments in the exercise physiology, biochemistry, anthropometry, and body composition laboratories.

Ball State University

Biology 100 – Introductory biology lecture and laboratory for non-majors.

MENTORING AND RESEARCH SUPERVISION

Junior Faculty

My role as a mentor to junior faculty includes regular meetings to share information and provide feedback and constructive ideas regarding mentoring of graduate students, teaching, developing a research program, grant writing, and publishing.

University at Buffalo

Sarah Salvy, Ph.D., Assistant Professor, Department of Pediatrics, School of Medicine and Biomedical Sciences, University at Buffalo. September, 2005 – present.

Andrew Ray, Ph.D., Assistant Professor, Department of Rehabilitation Science, School of Public Health and Health Sciences, University at Buffalo. November, 2008 – present.

Renee B. Cadzow, Ph.D., Research Assistant Professor, Department of Family Medicine, University at Buffalo. November, 2008 – 2010.

Post-Doctoral Fellowship Committees

University at Buffalo

Committee Chair

Denise Feda, Ph.D. – In progress, 2010 –

Muniza Mogri, M.B.B.S. – In progress, 2010 -

Committee Member

Nadia Danilovich, M.D. - Insulinergic and dopaminergic effects on Energy Intake in Overweight Adolescents. Fellowship oversight scholarship committee member. 2008.

University of Virginia

Christine Houlihan, M.D. - Multidisciplinary Training Program in Clinical Investigation. Growth and Maturation in Cerebral Palsy, completed 2004.

Doctor of Philosophy Committees

North Dakota State University

Committee Member

John Schuna, M.S. - Physical Activity of Preschool Aged Children During Childcare: Examination of Seasonal Changes and an Evaluation of a Dance-Based Intervention, In progress.

University at Buffalo

Committee Chair

Jacob Barkley, Ph.D. - Reinforcing Value of Interval and Continuous Exercise Above and Below the Ventilatory Threshold, Completed Fall, 2007.

Maya Lambiase, M.S. – Cardiovascular reactivity and cardiovascular disease risk in adolescents, Completed Summer, 2011.

Committee Member

Brian Wrotniak, Ph.D. - The influence of coordination and the relative reinforcing value of physical activity on the physical activity of children, Completed Spring, 2006.

Master of Science Committees

University at Buffalo

Committee Chair

Ms. Suzanne Wright - Impulsivity toward food and money of obese and nonobese young adults, completed Fall, 2002.

Ms. Cathy Gurgol - Open-loop feedback to increase physical activity of youth, completed Spring, 2003.

Ms. Tressa White - Food Variety and Energy Intake of Siblings Discordant for Adiposity, completed Summer, 2005.

Mr. Erik Beers – Increasing Passive Energy Expenditure During Clerical Work, completed Fall, 2007.

Ms. Maya Lambiase – The Protective Effect of Exercise Against Cardiovascular Reactivity to an Interpersonal Stressor in Children, completed Spring, 2008.

Ms. Katherine Balantekin – Psychological stress and coping mechanisms: The choice between comfort food, television, and physical activity, Spring, 2011.

Committee Member

Ms. Visalakshi Arumugam - Effects of rate of glucose ingestion on subjective satiety, completed Summer, 2005.

Ms. Kitiya Suvannasankha - A Validation Study of the Glycemic Index, completed Fall, 2006.

Ms. Elizabeth Madore – Effect of breakfast bar fiber composition on satiety of dietary restrained and unrestrained women, completed Summer, 2006.

Ms. Allison Elmo – Influence of parents and friends on overweight and normal-weight children and adolescent food choices, completed Summer, 2009
Mr. Fego Galvan – Influence of weight loss on performance of collegiate wrestlers, In progress.

University of Virginia

Committee Member

Mr. Michael Brunet - Influence of Exercise Training and Behavior Modification on Body Composition, and Growth hormone and Leptin Release in Overweight Children, completed Spring, 2001.

Masters Student Research Experiences (non-thesis)

University at Buffalo

Faculty Mentor

Ms. Lakshmi Gopalan - Fall and Spring, 2002
Ms. Renee Key – Spring, 2005
Ms. Soaad Ali – Spring, 2005
Ms. Joyce McNeilis - Spring and Summer, 2005, Fall 2006
Ms. Melissa Waldorf – Fall, 2005
Mr. Durval Morgan – Spring, 2007
Ms. Uwem Ward – Spring, 2007
Ms. Michelle Johnson – Spring, 2007
Ms. Heather Barry – Summer, Fall 2007; Spring, 2009
Ms. Nicki Stamates – Summer, 2007
Ms. Jackie Zehler – Fall, 2007
Mr. Emil Markulis – Spring, Summer 2008
Mr. Pedro Sotelo – Fall, 2008; Spring, 2009
Ms. Katherine Balentekin – Summer, 2009
Mr. Hong Min Mui – Summer, 2010
Ms. Lana Holden – Summer, 2010
Mr. Thomas McCarthy – Fall, 2010, Spring, 2011, Summer, 2011

Medical Student Research Projects

University at Buffalo

Faculty Mentor

Ms. Tammara Taylor - The Effects of Weight Loss on Insulin Sensitivity in Obese Children, Summer, 2002.
Ms. Sonya Bryan - Metabolic differences of clerical work while sitting and standing: Is standing a passive treatment for weight gain? Summer, 2003.
Mr. Mohammed Adamu - Food Variety and Energy intake of Siblings Discordant for Adiposity, Summer, 2004.
Ms. Valerie Ross - Energy expenditure of clerical work: sitting on a therapy ball versus standing, Summer, 2005.
Ms. Jasmine Smith - Stress reactivity and the adiposity of youth, Summer 2006.
Ms. Sylvia Robinson - Comparison of Faith-Based Physical Activity Interventions on Cardiovascular Risk Factors in Adults of Lower Socioeconomic Status, Summer, 2007
Mr. Michael Dlugosz – Children’s Choices of Park Elements for Physical Activity, Summer, 2008
Ms. Laura Iafrati - The Protective Effect of Exercise Against Cardiovascular Reactivity to an Interpersonal Stressor in Children, Summer, 2010

Ms. Angela Sandell - Stress Habituation, Stress-Induced Eating and BMI in young Adults, Summer, 2010

University of Virginia

Faculty Mentor

- Ms. Rebecca Nelson - Comparison of Two-, Three-, and Four-Compartment Models for Determining Body Composition in Children. Summer, 1996.
- Mr. Sharad Goyal - Comparison of lean and adipose tissue estimates from sagittal T1-weighted and Dixon magnetic resonance image sequences of the lumbar region, Spring, 1997
- Mr. Rahib Poonawala - Leptin Concentrations Track Changes in Subcutaneous Fat During Puberty, Summer, 1997.
- Ms. Suzanne Perks, R.D. - Agreement of seven-day diet records and the Harvard food frequency questionnaire to assess the dietary intake of children and adolescents, Summer, 1998.
- Ms. Sita Sundaresan - A pilot study of body composition, regional body fat distribution, hormone concentrations, and auxology in survivors of acute lymphoblastic leukemia and non-Hodgkins lymphoma, 1998-1999.
- Mr. Amer Ziauddin - The growth hormone – insulin-like growth factor-I axis in lean and obese children: Influence of body composition and body fat distribution on mean nocturnal growth hormone release, Summer, 1999.
- Ms. Tami Hutton - Relationships among body composition, fat distribution, sex steroids, physical activity and serum lipid concentrations in prepubertal and pubertal boys and girls, Fall, 2000.

Undergraduate Student Research Experiences

ARS-USDA Grand Forks Human Nutrition Research Center

University of North Dakota Dietetic students

University at Buffalo

Faculty Mentor for Research Credit hours, Practicum, Internships

- Ms. Olubukunola Okulate - Fall, Spring 2007 and Fall, Spring 2008
- Ms. Jillian Cox – Spring, 2008
- Ms. Michelle Matteliano - Spring, Summer, Fall 2008
- Ms. Jennifer L. Harb - Summer, Fall 2008
- Ms. Julie Kujawinski – Fall, 2008
- Mr. Zachary Lavigne – Fall, 2008
- Mr. Jovan Ramirez – Fall, 2008
- Ms. Anna Lang – Spring, 2009
- Ms. Danielle Chambers – Spring, 2009
- Ms. Jennifer Kane – Spring, 2009
- Ms. Jennifer Louie – Spring, 2009
- Mr. Josh Sham – Spring, 2009
- Ms. Nicole Macchione – Spring, 2009
- Ms. Danielle Chambers – Fall, 2009
- Ms. Danielle Gristci – Fall, 2009
- Mr. Zachary Lavigne – Fall, 2009
- Mr. William Stendardi – Fall, 2009; Spring, 2010; Fall, 2011
- Mr. Andreas Maroulis – Fall, 2009
- Ms. Cathy Deren – Fall, 2009
- Ms. Jennifer Milliman – Fall, 2009
- Ms. Kim Atwood – Fall, 2009
- Ms. Susan Lee – Fall, 2009
- Ms. Kim Attwood – Spring, 2010 (completed ENS internship in my lab)

Ms. Danielle Chambers – Spring, 2010
Mr. Andreas Maroulis – Spring, 2010
Ms. Danielle Griscti – Spring, 2010
Ms. Jen Milliman – Spring, 2010
Mr. Jeff Zeisz – Spring, 2010
Ms. Megan Klyczek – Spring, 2010; Fall, 2011
Ms. Roshini Sanghvi – Spring, 2010
Mr. Jacob Madonia – Fall, 2011
Mr. Jay Amin – Fall, 2011
Ms. Samara Steinbrenner – Fall, 2011
Ms. Bridget Hughes – Fall, 2011
Ms. Nina Kashanian – Fall, 2011

University of Virginia

Faculty Mentor

Mr. Nafeh Fananapazir – Summer, 1996
Ms. Sharon Anderson – Summer, 1996
Ms. Deepali Sharma – Fall, 1996
Ms. Elizabeth Williams – Fall, 1996; Spring, 1997
Ms. Kendra Dolan – Summer, 1997
Mr. Saeed Fakhraan – Spring, 1998
Ms. Kimberly Walter – Spring, 1998
Mr. Saeed Fakhraan – Summer, 1998
Mr. Jeremy Parris – Summer, 1998
Ms. Melissa Fortenberry – Fall, 1998; Spring, 1999
Mr. Michael Lusk – Summer, 1999
Ms. Anna Friel – Fall, 1999; Spring 2000
Anna Friel – Summer, 2000