

CURRICULUM VITAE
Jody L. Clasey, Ph.D., FACSM

GENERAL INFORMATION

Current Position Associate Professor, Department of Kinesiology and Health Promotion

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CERTIFICATIONS

International Society for Clinical Densitometry (ISCD) Physician Certified Clinical Densitometrist
State of Kentucky, Radiation Operator Certification/Bone Densitometry; Certification No. 71-034-10370
American Heart Association CPR Certification
State of Illinois, Board Certified Teacher; Special K-12 Physical Education; No. 1199960
BOD POD and BOD POD ST Body Composition Operator; Life Measurement Instruments Inc.
Protection of Human Subjects; University of Kentucky and University of Virginia
Bloodborne Pathogens General Awareness Training; University of Kentucky
Magnetic Resonance Imaging and Spectroscopy Center (MRISC) Independent Scanning Certification;
University of Kentucky

EDUCATION

1993-1997 Postdoctoral Fellow, Department of Internal Medicine, Division of Endocrinology and Metabolism, University of Virginia, Charlottesville, Virginia

1987-1993 Ph.D.; Kinesiology/Exercise Physiology, University of Illinois, Urbana-Champaign, Illinois

1985-1987 M.S.; Kinesiology/Exercise Physiology, University Of Illinois, Urbana-Champaign, Illinois

1979-1984 B.S.; Physical Education K-12 Certification, Minor: General Science, University of Illinois, Urbana-Champaign, Illinois

ACADEMIC/PROFESSIONAL APPOINTMENTS

- 2002-present Director: University of Kentucky, Pediatric Exercise Physiology Laboratory, Department of Kinesiology and Health Promotion
- 2002-2005 Director: University of Kentucky General Clinical Research Center Exercise Physiology Laboratory
- 2001-present Associate Faculty: University of Kentucky, Spinal Cord and Brain Injury Research Center
- 2000-2002 Assistant Professor: University of Kentucky, Department of Nutritional Sciences; Human Nutrition Assessment (NS 640); Body Composition Theory, Methods and Assessment Sections
- 1999-present Associate Faculty: University of Kentucky, Department of Nutritional Sciences, Graduate College
- 1999-present Associate Faculty: University of Kentucky, Department of Physical Medicine and Rehabilitation
- 1999-present Director: University of Kentucky, Body Composition Core Laboratory, Department of Kinesiology and Health Promotion
- 1998-2003 Assistant Professor: University of Kentucky, Department of Kinesiology and Health Promotion; Exercise Physiology (KHP 420G), Exercise Testing and Proscription (KHP 600), Exercise and Health in Disease (KHP 781)
- 1993-1997 Postdoctoral Fellow: University of Virginia, University of Virginia School of Medicine Diabetes and Hormone Action Research Traineeship, #5 T32 DK07320
National Research Service Award: National Institute of Aging, #AGO5673-01
- 1995 Research Assistant/Study Coordinator: University of Virginia, Division of Endocrinology and Metabolism, Department of Internal Medicine
- 1992-1993 Exercise Technician: Universal Fitness Network (Champaign, IL), Testing and screening of police officer training candidates
- 1989-1990 Exercise Technician: University of Illinois, Physical Fitness Research Laboratory and Rehabilitative Services, Data collection of metabolic testing for paraplegic populations
- 1989-1990 Exercise Technician: University of Illinois, Physical fitness Research Laboratory and Department of Internal Medicine, Data collection of metabolic testing for infrared thermography study

1988-1989	Graduate Assistant: Supervisor/Instructor, University of Illinois Lifetime Fitness Program
1987-1993	Graduate Research Assistant: University of Illinois, Physical Fitness Research Laboratory
1989-1993	Graduate Teaching and Laboratory Assistant: University of Illinois, Graduate Classes (Exercise Physiology, Research Methods and Body Composition courses)
1987-1993	Graduate Teaching Assistant: University of Illinois, Undergraduate Classes (Exercise Physiology and Coaching Theory courses)
1985-1987	Graduate Assistant Coach: University of Illinois Athletic Association Volleyball Coaching Staff
1984-1985	Graduate Teaching Assistant: University of Illinois, Undergraduate Classes (Beginning and advanced volleyball, badminton and weight training)
1984-1985	Graduate Assistant: University of Illinois Adult Fitness Program
1980-1985	Instructor and Data Collection Coordinator: University of Illinois Sports Fitness Summer Program
1981-1983	Director/Instructor: Hoopston-East Lynn High School (Hoopston, IL) Summer Volleyball Camps
1986-1987	Director/Instructor: Monticello High School (Monticell, IL) Summer Volleyball Camps
1891-1991	Director/Instructor: Pittsfield High School (Pittsfield, IL) Summer Volleyball Camps
1979-1989	Instructor: University of Illinois Fighting Illini Summer Volleyball Camps

COMMITTEES/POSITIONS SERVED

National

2002 - 2005 American College of Sports Medicine: Pronouncement Committee Member

1999-2001 American Alliance of Health, Physical Education, Recreation and Dance, Physical Fitness Council Chair

Regional

2006 Southeast Region of the American College of Sports Medicine: Session Chair
Thermoregulation in the child athlete: are they at risk?

State

- 2002-2003 The Lieutenant Governor of the Commonwealth of Kentucky Task Force: Childhood Nutrition and Fitness: Chairperson: Research and Grants Committee
- 2002-2003 The Lieutenant Governor of the Commonwealth of Kentucky Task Force: Childhood Nutrition and Fitness: Member Task Force Executive Steering Committee
- 2001-present The Lieutenant Governor of the Commonwealth of Kentucky Task Force: Childhood Nutrition and Fitness: Member

University

- 2007 Associate Dean of Research Search Committee, College of Education, University of Kentucky
- 2006-2007 Biomechanics Faculty Search Committee, Department of Kinesiology and Health Promotion, University of Kentucky: Member
- 2006-2009 Research Advisory Committee, College of Education, University of Kentucky
- 2005-2008 University Research Advisory Committee (URAC), University of Kentucky
- 2005-2008 Faculty Council Committee (Chair; 2006-2007), College of Education, University of Kentucky
- 2004 Department of Kinesiology and Health Promotion, University of Kentucky; Lovaine C. Lewis Scholarship Selection Committee
- Fall Semesters 2001, 2002, 2004 Department of Kinesiology and Health Promotion, University of Kentucky; Graduate Seminar Series in Exercise Science: Supervisor/Facilitator
- 2002-present Department of Kinesiology and Health Promotion, University of Kentucky; Research and Graduate Studies Enhancement Committee: Member
- 2001-2003 Graduate Center for Nutritional Sciences, University of Kentucky; Executive Committee: Member
- 2001-present Spinal Cord and Brain Injury Research Center (SCoBIRC), University of Kentucky; Research Committee: Member
- 1998-present Department of Physical Medicine and Rehabilitation, University of Kentucky, Research Committee: Member
- 2000-present Department of Physical Medicine and Rehabilitation, University of Kentucky, Endow Chair Search Committee: Member

1999-present	University of Kentucky Body Composition Core Laboratory Research Committee, Chairperson
1999-2001	R.D. and Caroline Kirkpatrick Scholarship Fund Selection Committee, University of Kentucky: Member
1998-present	Ph.D. Program Development Committee, Department of Kinesiology and Health Promotion, University of Kentucky: Member
1998	Biomechanics Faculty Search Committee, Department of Kinesiology and Health Promotion, University of Kentucky: Member
1998-present	Graduate Faculty, Department of Kinesiology and Health Promotion, University of Kentucky: Associate Member
1996	Graduate Thesis Research Advisory Committee, Department of Human Services, University of Virginia: Member/Mentor
1992-1993	Varsity I Association Board of Directors, University of Illinois: Member
1987-1989	Athletic Association Board of Directors, University of Illinois: Member Subcommittees: Academic Progress and Eligibility Committee Athletic Director Search Committee Reorganization of Athletic Program Committees
1987	Senior Honors Committee, Department of Kinesiology, University of Illinois: Member
1988	Laura J. Huelster Scholarship Award Committee, Department of Kinesiology, University of Illinois, Member
1987-1989	Networkers: University of Illinois Varsity Volleyball Support Group, Urbana, IL

PUBLISHED MANUSCRIPTS, POSTION PAPERS and ABSTRACTS

* **Lead** (or first) author designated as the first author and **Senior** author designated as the final author listed on all manuscripts and abstracts

Manuscripts in Review (Refereed Journals)

Nass, R, SS Pezzoli, MC Oliveri, JT Patrie, FE Harrell, **JL Clasey**, SB Heymsfield, MA Bach, ML vance, MO Thorne. Partial reversal of muscle loss with ghrelin mimetic (MK-677): A randomized clinical trial in healthy older adults. *New England Journal of Medicine*, 2007.

Clasey, JL, PC Fehling, JT King, JR Griffith. Total body and regional bone mineral content and density measurements in lean versus obese prepubescent children. *International Journal of Obesity*, 2006.

Clasey, JL, W Koshover, Erika M. Schosser, JR Griffith. Treadmill versus bicycle maximal graded exercise testing in lean versus obese children. *Med Sci Sports Exerc*, 2006.

McCrary, JL, AL Harrison, DR Gater, **JL Clasey**. Post-menopausal osteoporosis and primary osteoarthritis: A comparison of biomechanical and body composition factors. *Gait and Posture*, 2006.

Griffith, JR, **JL Clasey**, JT King, S Gantz, D Hongying, HS Bada. Validation of self-reported physical activity in children. *Pediatric Exercise Science*, 2006

Manuscripts in Press (Refereed Journals)

Lomenick, JP, **JL Clasey**. Meal-related changes in ghrelin, peptide YY, and appetite in normal weight and overweight children. *Obesity*, 2007.

Griffith, JR, **JL Clasey**, JT King, S Gantz, RJ Kryscio, HS Bada. Parental role models as determinants of physical activity in children. *World Journal of Pediatrics*, 2007.

Manuscripts Published (Refereed Journals)

Clasey, JL, DR Gater. Body Composition Assessment in Spinal Cord–Injured Adults. *Top Spinal Cord Inj Rehabi*, 12(4):8-19, 2007.

Gater, DR, **JL Clasey**. Body composition assessment in spinal cord injury clinical trials. *Top Spinal Cord Inj Rehabi*, 11(3):36-49, 2006.

Clasey, JL, DR Gater. Hydrostatic weighing and air displacement plethysmography in the spinal cord injured. *Arch of Phys Med and Rehabil*, 86:2106-2113, 2005.

Clasey, JL, AL Janowiak, DR Gater. Relationship between regional bone density measurements and the time since injury in adults with spinal cord injuries. *Arch of Phys Med and Rehabil*. 85:59-64, 2004.

Henry, SL, A Courtney, J Tietzen, T Jenkin, B Siddens, L Sowders, **JL Clasey**. Prevalence of childhood obesity in Kentucky 2003. *J Ky Med Assoc*, 102(2):48-52, 2004.

Symons, TB, **JL Clasey**, DR Gater, D Pascoe, JW Yates. Effects of deep heat as a preventative mechanism of delayed onset muscle soreness. *J Strength Cond Res*, 18(1):155-161, 2004.

Bellew, JW, JW Yates, DR Gater, **JL Clasey**. Explosive force production in older adults following a traditional strength training program. *Journal of Geriatric Physical Therapy*, 26(3):9-13, 2003.

Weltman, A, JP Despres, **JL Clasey**, JY Weltman, L Wideman, J Kanaley, J Patire, J Bergeron, MO Thorner, C Bouchard, ML Hartman. Impact of abdominal visceral fat (AVF), growth hormone (GH), fitness, and insulin on lipids and lipoproteins in older adults. *Metabolism* 52(1):73-80, 2003.

- Clasey, JL**, A Weltman, J Patrie, JY Weltman, S Pezzoli, C Bouchard, MO Thorner, ML Hartman. Abdominal visceral fat and fasting insulin are important predictors of 24-hour growth hormone release independent of age, gender and other physiological factors. *J Clin Endocrinol Metab* 86(8):3845-3852, 2001.
- Hartman, ML **JL Clasey**, A Weltman, MO Thorner. Predictors of growth hormone secretion in aging. *J Anti-Aging Med* 3(3):303-314, 2000.
- Clasey, JL**, C Bouchard, CD Teates, JE Riblett, MO Thorner, ML Hartman, A Weltman. The use of anthropometric and dual-energy x-ray absorptiometry (DXA) measures to estimate total abdominal and abdominal visceral fat in men and women. *Obes Res* 7(3):256-264, 1999.
- Clasey, JL**, JA Kanaley, L Wideman, SB Heymsfield, CD Teates, ME Gutgesell, MO Thorner, ML Hartman, A Weltman. Validity of body composition assessment in younger and older males and females. *J Appl Physiol* 86(5):1728-1738, 1999.
- Warren LK, LM Lawrence, S Pratt, **JL Clasey**. The effect of exercise on fluid uptake from the gastrointestinal tract. Proceedings of the Equine Nutrition and Physiology Society. 38-39, 1999.
- Clasey, JL**, C Bouchard, L Wideman, J Kanaley, CD Teates, MO Thorner, ML Hartman, A Weltman. The influence of anatomical boundaries, age and sex on the assessment of abdominal visceral fat. *Obes Res* 5(5), 395-401, 1997.
- Clasey, JL**, ML Hartman, J Kanaley, L Wideman, CD Teates, C Bouchard, A Weltman. Body composition by DEXA in older adults: Accuracy and influence of scan mode. *Med Sci Sports Exercise* 29(4):560-567, 1997.
- Friend, KE, ML Hartman, SS Pezzoli, **JL Clasey**, MO Thorner. Both oral and transdermal estrogen increases growth hormone release in postmenopausal women-A clinical research center study. *J Clin Endocrinol Metab* 81(6):2250-2256, 1996.
- Fehling, P, **JL Clasey**, L Alekel, A Rector, RJ Stillman. A comparison of bone mineral densities among female athletes in impact loading and active loading sports. *Bone* 17(3):205-10, 1995.
- Alekel, L, **JL Clasey**, PC Fehling, RM Weigel, RA Boileau, JW Ergman, RJ Stillman. Contributions of exercise, body composition, and age to bone mineral density in premenopausal women. *Med Sci Sports Exercise* 27(11):1477-85, 1995.
- Bemben, MG, **JL Clasey**, BH Massey. The effect of the rate of muscle contraction on the force time parameters of male and female subjects. *Research Quarterly for Exercise and Sport* 61: 96-9, 1990.
- Position Papers**
- Tietyen JL, MG Boosalis, **JL Clasey**, K Ringley, SL Henry. Kentucky Children at Risk: The War on Weight. Position Paper for the Coalition on Type 2 Diabetes and Overweight Children. January 2002.

JL Clasey, KJ Adams. The Obesity Epidemic In Our Children. Position Paper for the Collaborative Research Conference: Setting a Research Agenda for Educational Reform and Improvement. October 2003.

Published Abstracts

National/International

Clasey, JL, PS Bolin, KM Fuzy, JT King, JR Griffith. Measured versus predicted thoracic gas volume and the impact on body composition measures in children. *Med Sci Sports Exerc*, 2006.

Griffith, JR, **JL Clasey**, JT King, S Gantz, R Kryscio, HS Bada. Modeling and aerobic fitness in overweight female teenagers. 2006 Annual Scientific Meeting of the North American Association for the Study of Obesity, Boston, MA, 2006.

Thorner, MO, R Nass, SS Pezzoli, MA Clancy, J Patrie, F Harrell, **JL Clasey**, SB Heymsfield, MA Bach, ML Vance. Orally active ghrelin mimetic (MK-677) prevents and partially reverses sarcopenia in healthy older men and women: A double-blind, placebo-controlled, crossover study. 88th Annual Meeting of the Endocrine Society, Boston, MA, 2006.

Griffith, JR, **JL Clasey**, S Gantz, H Dai, HS Bada. Changing roles of mothers for physical activity in children. Annual Meeting Pediatric Academic Societies, San Francisco, CA, 2006.

Schuer, KM, K Adams, F Romanelli, AC Thornton, BA Garvy, **JL Clasey**. Epidemiology of dyslipidemia, fitness and exercise intervention in a male HIV-infected cohort. AAPA 34th Annual Physician Assistant Conference, San Francisco, CA, 2006.

Gater, DR, AS Gorgey, **JL Clasey**. Body Mass Index Predicts Metabolic Derangement in Spinal Cord Injury. 31st Annual Scientific Meeting of the American Spinal Injury Association. Boston, MA, 2006.

Clasey, JL, DR Gater. Total body composition assessment using a 4-compartment model versus dual-energy x-ray absorptiometry in spinal cord injured adults. 7th International Symposium In Vivo Body Composition Studies. Southampton, England, 2005.

JL Clasey, JR Griffith, JT King. Body composition comparisons using a self-testing air displacement plethysmography unit in children. *Med Sci Sports Exerc*, 37: s298, 2005.

W Koshover, JT King, EM Schosser, JR Griffith, **JL Clasey**. Bicycle versus treadmill maximal graded exercise testing in lean and obese children. *Med Sci Sports Exerc*, 37: s19, 2005.

CM Holian, JT King, JR Griffith, KJ Adams, **JL Clasey**. The effects of resistance training on measures of body composition and strength in children. *Med Sci Sports Exerc*, 37: s187, 2005.

JT King, **JL Clasey**. Body composition comparisons using a self-testing air displacement plethysmography

unit in adults. *Med Sci Sports Exerc*, 37: s298, 2005.

JR Griffith, **JL Clasey**, JT King, S Gantz, D Hongying, HS Bada. Effect of body mass index and sex on aerobic fitness in children. Annual Meeting Pediatric Academic Societies Washington, DC, 2005.

JR Griffith, **JL Clasey**, JT King, S Gantz, D Hongying, HS Bada. Parental role models as determinants of physical activity in children. Annual Meeting Pediatric Academic Societies, Washington, DC, 2005.

Seeley, MK, **JL Clasey**, BR Umberger, R Shapiro. The effect of mild limb length inequality on able-bodied gait symmetry: A preliminary analysis. International Society of Biomechanics XXth Congress, Cleveland, OH, 2005.

Clasey, JL, JT King, JG Ellington, CE Shaffer, JR Griffith. Total body and regional bone density measures in lean versus obese prepubescent children. *Med Sci Sports Exerc*, 36: s296, 2004.

King, JT, B Collins, JG Griffith, **JL Clasey**. Comparison of systems to measure residual lung volume in children. *Med Sci Sports Exerc*, 36: s74, 2004.

Nass, R, SS Pezzoli, **JL Clasey**, MA Clancy, J Patrie, F Harrell, ML Vance, MO Thorner. Effects of 1-year with MK-677 on 24-h mean GH levels and body composition in healthy older men: A double-blind, placebo-controlled, crossover study of an orally active GH secretagogue. 86th Annual Meeting of the Endocrine Society, New Orleans, LA, 2004.

Nass, R, **JL Clasey**, SS Pezzoli, J Patrie, MO Thorner. Hormone Replacement Therapy (HRT) Does Not Influence the Relationship Between Insulin Sensitivity and Abdominal Visceral Fat (AVF) in Healthy Postmenopausal Women. 85th Annual Meeting of the Endocrine Society, Philadelphia, PA, 2003.

McCrary, JL, AL Harrison, **JL Clasey**. Biomechanical and body composition factors as predictors of osteoarthritis and post-menopausal osteoporosis. American Society of Biomechanics. Toledo, Ohio, 2003.

Gater, DR, S Strath, A Swartz, **JL Clasey**. Exercise testing in spinal cord injured adults. 29th Annual Scientific Meeting of the American Spinal Injury Association. Miami, FL, 2003.

Bacher, B, R Rice, **JL Clasey**, JL McCrary, JL Harrison. The relationship between lifetime physical activity and bone mineral density of the proximal femur. American Physical Therapy Association Combined Sections Meeting, Tampa, FL, 2003.

Clasey, JL, AL Janowiak, DR Gater. Body density determination by hydrostatic weighing and air displacement plethysmography in spinal cord Injured adults. 6th International Symposium In Vivo Body Composition Studies. Rome, Italy, 2002.

Gater, DR, S Strath, A Swartz, **JL Clasey**. Exercise testing in spinal cord injured adults. 79th Annual Meeting of the American Congress of Rehabilitation Medicine and 9th Annual Meeting of the American Society of Neurorehabilitation (Joint Conference). Philadelphia, PA, 2002

- Nass, R , **JL Clasey**, SS Pezzoli, J Patrie, MO Thorner. Insulin sensitivity is related to abdominal visceral fat in healthy older adults. 84th Annual Meeting of the Endocrine Society, San Francisco, CA, 2002.
- McCrorry, JL, AL Harrison, **JL Clasey**. A comparison between gait kinetics in women with primary osteoarthritis and women with osteoporosis. IV World Congress of Biomechanics, Calgary, CA, 2002.
- Clasey, JL**, AL Janowiak, DR Gater. Evaluation of air displacement plethysmography for assessing body density and body composition in female athletes. *Med Sci Sports Exerc*, 34: s237, 2002.
- Janowiak, AL, DR Gater, **JL Clasey**. Bone mineral density measures in college female athletes participating in weightbearing vs. nonweightbearing sports. *Med Sci Sports Exerc*, 34: s108, 2002.
- Gater, DR, **JL Clasey**. Body composition impacts glucose tolerance in spinal cord injury. VA Rehabilitation Research and Development 3rd National Meeting, Arlington, VA, 2002.
- Clasey, JL**, AL Janowiak, CE Winsor, CB Mize, DR Gater. Bone density measures in spinal cord injured (SCI) adults. *Med Sci Sports Exerc*, 33: s276, 2001.
- Gater, DR, JW Yates, **JL Clasey**. Body composition and glucose intolerance in spinal cord injury. General Clinical Research Centers Annual Meeting, Arlington, VA, 2001.
- Clasey, JL**, CB Mize, JM Purcell, JW Yates, DR Gater. Error in assessing body composition in spinal cord injured individuals using traditional methodologies. *Med Sci Sports Exerc* 32: s87, 2000.
- Rogers, BA, DR Gater, CB Mize, **JL Clasey**. Body density determination by hydrostatic weighing and air displacement plethysmography in spinal cord injured adults. *Med Sci Sports Exerc* 32: s87, 2000.
- Mize, CB, DR Gater, **JL Clasey**. Respiratory water versus plasma for the measurement of total body water in healthy adults. *Med Sci Sports Exerc* 32: s88, 2000.
- Gater, DR, JW Yates, **JL Clasey**. Relationship between glucose intolerance and body composition in spinal cord injury.. *Med Sci Sports Exerc* 32: s148, 2000.
- Symons, TB, **JL Clasey**, DR Gater, D Pascoe, JW Yates. The effects of deep heat as a preventative mechanism of delayed onset muscle soreness. *Med Sci Sports Exerc* 32: s171, 2000.
- Hartman, ML, JY Weltman, J Patrie, **JL Clasey**, L Wideman, C Pritzlaff, JA Kanaley, M Gutgesell, MO Thorner, A Weltman. Exercise training for 1 year does not increase 24-h GH secretion in older adults. International Congress of Endocrinology, Ontario, Canada, 2000.
- Salles, SS, DR Gater, **JL Clasey**. Correlation of body composition, basal metabolic rate, and glucose tolerance to FIM scores and the Kurtzke EDSS in patients with multiple sclerosis. NIDRR Research Enrichment Program for Physiatrists, Washington, D.C., 2000.
- Richardson, GA, **JL Clasey**, JW Yates, DR Gater. The effect of aerobic exercise on endurance and community mobility in spinal cord injured adults. *Arch of Physl Med and Rehab* 81(9):1298, 2000.

- Salles, SS **JL Clasey**, DR Gater. Basal metabolic rate, body composition and functional measures for adults with multiple sclerosis versus healthy adults. *Arch of Physl Med and Rehab* 81(9):1297, 2000.
- Gater, DR, JW Yates, **JL Clasey**. Glucose tolerance and body composition in spinal cord injury. 2nd national Rehabilitation Research and Development Conference, Arlington, VA, 2000.
- Clasey, JL**, A Weltman, J Patrie, JY Weltman, SS Pezzoli, CD Teates, C Bouchard, MO Thorner, ML Hartman. Abdominal visceral fat (AVF), fasting insulin and IGF-I are important predictors of 24-h GH release independent of age, gender and other physiological factors. International Congress of Endocrinology, San Diego, CA, 1999.
- Hartman, ML, **JL Clasey**, A Weltman, MO Thorner. Predictors of growth hormone secretion in aging. Serono Symposia: International Symposium on Endocrinology of Aging, Tempe, AZ, 1999.
- Weltman, A, **JL Clasey**, JY Weltman, L Wideman, J Kanaley, J Patrie, MO Thorner, C Bouchard, JP Despres, ML Hartman. Impact of abdominal visceral fat (AVF), growth hormone (GH), fitness and insulin on serum lipids in older adults. Serono Symposia: International Symposium on Endocrinology of Aging, Tempe, AZ, 1999.
- Whatley, S, M Florence, LB Ransdell, JW Yates, **JL Clasey**. Validity of five bioelectrical impedance analyzers (BIA) used to estimate body composition in young adults. *Med Sci Sports Exerc* 31: s53, 1999.
- Wideman, L, **JL Clasey**, J Weltman, J Kanlaey, CD Teates, C Bouchard, ML Hartman, A Weltman. Insulin but not glucose is related to fitness and body composition in healthy older adults. *Med Sci Sports Exerc* 31: s53, 1999.
- Weltman, JY, J Roemimich, L Wideman, **JL Clasey**, AD Rogol, ML Hartman, MO Thorner, A Weltman. Body density determination by hydrostatic weighing and air displacement plethysmography in children and adults. *Med Sci Sports Exerc* 31: s201, 1999.
- Warren LK, LM Lawrence, S Pratt, **JL Clasey**. The effect of exercise on fluid uptake from the gastrointestinal tract. Proceedings of the Equine Nutrition and Physiology Society, Extended Abstract, Ralley, NC, 1999.
- Clasey, JL**, JY Weltman, R Nass, SS Pezzoli, A Weltman, MO Thorner, ML Hartman. Effect of a single bout of exercise on 4-h and 24-h growth hormone (GH) release in young and older subjects. *Med Sci Sports Exerc* 30: s602, 1998.
- Clasey, JL**, JY Weltman, RM Nass, SS Pezzoli, IM Champman, A Weltman, MO Thorner, ML Hartman. Fasting increases GH secretion in older adults primarily by enhancing GH pulse amplitude. International Congress of Endocrinology, New Orleans, LA, 1998.
- Hartman, ML, **JL Clasey**, IM Chapman, JY Weltman, A Weltman, MO Thorner. Assessment of GH secretion in the elderly. International Symposium on Growth Hormone: Basic Aspects and New Clinical Applications, Marbella, Spain, 1998.

- Weltman, A, J Weltman, **J Clasey**, L Wideman, J Kanaley, MO Thorner, JP Despres, C Bouchard, ML Hartman. Relationship between abdominal visceral fat (AVF) and serum lipids in older adults. 8th International Congress on Obesity, Paris, France, 1998.
- Clasey, JL**, C Bouchard, CD Teates, MO Thorner, JE Riblett, ML Hartman, A Weltman. Estimation of abdominal visceral fat (AVF) in men and women. *Med Sci Sports Exerc* 29: s1378, 1997.
- Clasey, JL**, A Weltman, JY Weltman, IM Chapman, SS Pezzoli, CD Teates, C Bouchard, MO Thorner, ML Hartman. Abdominal visceral fat (AVF) is related to 24-h growth hormone (GH) release in both young and older men and women. International Congress of Endocrinology, Minneapolis, MN, 1997.
- Clasey, JL**, A Weltman, JA Kanaley, L Wideman, ME Gutgesell, CD Teates, MO Thorner, C Bouchard, ML Hartman. 24-h growth hormone (GH) release is more strongly related to visceral adipose tissue than percentage body fat in older men and women. International Congress of Endocrinology, San Francisco, CA, 1996.
- Hartman, ML, **JL Clasey**, JY Weltman, L Wideman, JA Kanaley, SB Freund, CD Teates, C Bouchard, MO Thorner, A Weltman. Fitness is related to 24-h GH release in older men but not women. Growth Hormone Research Society Conference, London, UK, 1996.
- Clasey, JL**, C Bouchard, L Wideman, JA Kanaley, CD Teates, MO Thorner, ML Hartman, A Weltman. Effects of method, age and gender on the assessment of intra-abdominal visceral fat by computed tomography. *Med Sci Sports Exerc* 28: s1159, 1996.
- Weltman, A, J Weltman, J Kanaley, L Wideman, **J Clasey**, L Wilson, AD Rogol, ML Hartman. The effects of age on the relationship between the lactate threshold (LT) and VO₂ peak. *Med Sci Sports Exerc* 28: s908, 1996.
- Clasey, JL**, ML Hartman, SS Pezzoli, A Weltman, JD Veldhuis, MO Thorner. 1995 The hyposomatotropism associated with obesity is reversed by five days of fasting. 77th Annual Meeting of the Endocrine Society, Washington, DC, 1995.
- Clasey, JL**, JA Kanaley, ML Hartman, CD Teates, C Bouchard, A Weltman. Scan mode influences bone and body composition measures by dual energy x-ray absorptiometry. *Med Sci Sports Exerc* 27: s197, 1995.
- Kanaley, JA, **JL Clasey**, CD Teates, L Wideman, ML Hartman, A Weltman. Validity of 2-and 3-compartment models against a 4-compartment body composition model in older persons. *Med Sci Sports Exerc* 27: s788, 1995.
- Alekel, L, **J Clasey**, P Fehling, R Stillman. Intra-observer reliability of total body soft tissue analyses based on dual-energy x-ray absorptiometry. *Med SciSports Exerc* 27: s667, 1995.
- Farrell-Lee, KT, DL Alekel, CB Christ, **JL Clasey**, PC Fehling, MH Slaughter, RA Boileau. Dual energy x-ray absorptiometry versus conventional waist-to-hip circumference ratio. *Med Sci Sports Exerc* 27: s668, 1995.

- Stillman, R, D Alekel, P Fehling, **J Clasey**, R Whalen, K Farrell-Lee, M Slaughter, R Boileau. Body fatness and lumbar bone density: Results depend upon choice of fat-related variables. *Med SciSports Exerc* 27: s1237, 1995.
- Hartman, ML A Weltman, JA Kanaley, **JL Clasey**, CD Teates, C Bouchard, ML Vance, MO Thorner. Effects of growth hormone on body composition. 76th Annual Meeting of the Endocrine Society, Anaheim, CA, 1994.
- Clasey JL**, DL Alekel, P Fehling, K Farrel-Lee, RA Boileau, MH Slaughter, RJ Stillman. The relationship between physical activity assessment and femoral bone mineral density in postmenopausal women. *J Bone Mineral Res* 9:s60, 1994.
- Alekel, L, **JL Clasey**, P Fehling, R Weigel, R Stillman. Total Body Bone-Mineral Density and Content in Premenopausal Exercisers and Non-Exercisers. *J Bone Mineral Res* 9:s104, 1994.
- Stillman R, **JL Clasey**, D Alekel, P Fehling, R Whalen M Slaughter, K Farrel-Lee, R Boileau. Body composition and bone mineral density of the spine and femur in females 10-82 years. *Med Sci Sports Exerc*, 1994.
- Boileau, R, M Slaughter, R Stillman, C Christ, **JL Clasey**, G Dykstra, K Farrel-Lee, D Giddens, S Sunvold, R Whalen. Precision of fat and fat-free body composition estimates: comparison of four methods. *FASEB Journal*, 1994.
- Clasey, JL**, L Alekel, P Fehling, RJ Stillman. Physical activity, estrogen replacement therapy and bone mineral density in early postmenopausal women. *J Bone Mineral Res* 8: s256, 1993.
- Alekel, L, **J Clasey**, P Fehling, RJ Stillman. Contributions to exercise, body composition and size, and age to spine and femur bone mineral density in premenopausal aerobic dancers and walkers. *J Bone Mineral Res* 8: s332, 1993.
- Stillman, RJ, **JL Clasey**, DL Alekel, P Fehling, MH Slaughter, RA Boileau. Weight, fat mass, lean body mass, and bone density in adult women. *J Bone Mineral Res* 8: s326, 1993.
- Fehling, PC, A Rector, **JL Clasey**, RA Boileau, JE Misner, MH Slaughter, RJ Stillman. A comparison of regional densities among collegiate athletes. *J Bone Mineral Res* 8: s325, 1993.
- Alekel, L, **J Clasey**, P Fehling, R Stillman. Quantifying lifetime physical activity in females. *Med Sci Sports Exerc* 25: s10, 1993.
- Fehling, P, A Rector, L Alekel, **JL Clasey**, RA Boileau, JE Misner, MH Slaughter, RJ Stillman. A comparison of bone mineral densities at axial and appendicular sites among collegiate athletes. *Med Sci Sports Exercise* 25: s199, 1993.
- Clasey, JL**, RJ Stillman, MH Slaughter, PC Fehling, BT Patrick, RA Boileua. The use of dual-energy

radiography (DER) to estimate body composition. *Med Sci Sports Exerc* 24: s58, 1992.

Clasey, JL, P Fehling, L Alekel, R Boileau, M Slaughter, R Stillman. Reproducibility of total and regional body composition measurements by dual-energy radiography. *J Bone Mineral Res* 7: s188, 1992.

Alekel, L, P Fehling, **J Clasey**, R Boileau, M Slaughter, R Stillman. Reliability of spine and hip bone mineral analysis by dual-energy radiography. *J Bone Mineral Res* 7: s188, 1992.

Fehling, P, R Stillman, **J Clasey**, L Alekel, M Slaughter, J Misner, R Boileau. A comparison of the bone mineral density of the spine, hip and radius in females 12-22 years with high and low levels of physical activity. *J Bone Mineral Res* 7: s321, 1992.

Fehling, PC, RJ Stillman, RA Boileau, MH Slaughter, **JL Clasey**, L Alekel, A Rector. Total body bone mineral content and density in males and females aged 10-80 years. *Med Sci Sports Exerc* 24: s11, 1992

Boileau, RA, MH Slaughter, RJ Stillman, CB Christ, **J Clasey**, P Fehling, T Patrick, S Weisel, R Whalen. Fat and fat-free body composition estimates by two-three-and four-compartment models in 20-70 year old adults. *Med Sci Sports Exerc* 24: s109, 1992.

Boileau, RA, MH Slaughter, RJ Stillman, CB Christ, **J Clasey**, P Fehling, T Patrick, S Weisel, R Whalen. Age-related variability in the fat-free body water and mineral content of 20-70 year old adults. *FASEB Journal* 6: A1673, 1992.

Boileau, RA, MH Slaughter, RJ Stillman, TE Boyer, CB Christ, **J Clasey**, P Fehling, C Lauschke, M Parchert, T Patrick, S Weisel. Variability in fat-free body composition of older adults. *FASEB Journal* 5: a1734, 1992.

Boileau, RA, MH Slaughter, RJ Stillman, **J Clasey**, P Fehling, C Lauschke, M Parchert, T Patrick, S Weisel. Estimates of fat-free body (FFB) and total body water (TBW) from total body electrical conductivity (TOBEC). *Med Sci Sports Exerc* 23: s71, 1991.

Boileau, RA, MH Slaughter, RJ Stillman, **J Clasey**, P Fehling, C Lauschke, M Parchert, T Patrick, S Weisel. Body water (TBW) estimates in children and older adults from electrical conductivity analysis (TOBEC). *FASEB Journal* 4: A936, 1990.

Published Abstracts

Regional

Clasey, JL, A Weltman, C Bouchard, CD Teates, MO Thorner, ML Hartman. Reliability of trunk and abdominal fat measurements by dual-energy x-ray absorptiometry. Southeast Regional Chapter of American College of Sports Medicine, a19, 1998.

Pritzlaff, C, L Wideman, D Perrin, **J Clasey**, M Hartman, A Weltman. The relationship among strength, balance and function in older adults. Southeast Regional Chapter of American College of Sports Medicine, a101, 1998.

Clasey, JL, A Welman. Growth hormone, body composition, and exercise. Southeast Regional Chapter of American College of Sports Medicine, (symposium) 1998.

Published Abstracts
State

Schuer, K, BA Garvy, F Romanelli, K Adams, A Thornton, **JL Clasey**. HIV-associated metabolic disorders and exercise intervention. Kentucky Public Health Conference, Louisville, KY, 2005 .

Clasey, JL, AL Janowiak, CE Winsor, J Riess, J Abbas, DR Gater. Bone density measures in spinal cord injured (SCI) adults. Clinical Advances in Neurorehabilitation Science. Kentucky Spinal Cord and Head Injury Research Center Symposium, Lexington, KY, 2001.

Gater, DR, JW Yates, **JL Clasey**. Body composition and glucose intolerance in spinal cord injury. Clinical Advances in Neurorehabilitation Science. Kentucky Spinal Cord and Head Injury Research Center Symposium, Lexington, KY, 2001.

Clasey, JL. Compartment modeling techniques for body composition assessment. Kentucky Association – Health, Physical Education, Recreation, and Dance, Louisville, KY 2000.

Clasey, JL, J Finnley. Body Composition Assessment: Field to Laboratory. Kentucky Association – Health, Physical Education, Recreation, and Dance, Lexington, KY 1999.

Cullum, MG, S Whatley, M Florence, **JL Clasey**. Validation of a new bioelectrical impedance machine (The Body-Comp Scale) via hydrostatic weighing in collegiate athletes. Kentucky Association – Health, Physical Education, Recreation, and Dance, Bowling Green, KY, 1998.

Clasey, JL, JW Yates, LB Ransdell. A current look at eating disorders, osteoporosis and secondary amenorrhea: The female Triad. Kentucky Association – Health, Physical Education, Recreation, and Dance, Bowling Green, KY, 1998.

Published Abstracts
Local/University

Schuer, K, BA Garvy, F Romanelli, K Adams, A Thornton, **JL Clasey**. HIV and exercise intervention in the Blue Grass Care Clinic, Lexington, KY. University of Kentucky College of Public Health Annual Research Symposium, Lexington, KY, 2003.

McCrary, JL, AL Harrison, **JL Clasey**. A comparison between gait kinetics in women with primary osteoarthritis and women with osteoporosis. Proceedings of Science 2002, University of Pittsburgh Research Symposium, Pittsburgh, PA, 2002.

Janowiak, AL, DR Gater, **JL Clasey**. Bone mineral density measures in college female athletes participating in weightbearing vs. nonweightbearing sports. 13th Annual Research Day, University of Kentucky, Department of Physical Medicine and Rehabilitation, 2001.

Salles, SS, **JL Clasey**, DR Gater. Basal metabolic rate, body composition and functional measures adults with multiple sclerosis. 13th Annual Research Day, University of Kentucky, Department of Physical Medicine and Rehabilitation, 2001.

Richardson, GA, **JL Clasey**, JW Yates, DR Gater. The effect of aerobic exercise on endurance and community mobility in spinal cord injured adults. 13th Annual Research Day, University of Kentucky, Department of Physical Medicine and Rehabilitation, 2001.

Gopalraj, RK, M Erway, TM White, A Janowiak, C Winsor, **JL Clasey**, DR Gater. Reliability of the COSMED K4b2 in Exercise Testing. 13th Annual Research Day, University of Kentucky, Department of Physical Medicine and Rehabilitation , 2001.

Clasey, JL, AL Janowiak, CE Winsor, J Riess, J Abbas, DR Gater. Bone density measures in spinal cord injured (SCI) adults. 13th Annual Research Day, University of Kentucky, Department of Physical Medicine and Rehabilitation, 2001.

Clasey, JL, BR Rogers, JW Yates, DR Gater. Error in assessing spinal cord injured individuals using tradition body composition methodologies. 11th Annual Research Day, University of Kentucky, Department of Physical Medicine and Rehabilitation , 1999.

Gater, DR, JW Yates, **JL Clasey**. Glucose tolerance and body composition in spinal cord injury. 11th Annual Research Day, University of Kentucky, Department of Physical Medicine and Rehabilitation , 1999.

Richardson, G, **JL Clasey**, DR Gater. Aerobic exercise intervention and spinal cord injury: the effect of graded exercise on functional ADL's and community mobility. 11th Annual Research Day, University of Kentucky, Department of Physical Medicine and Rehabilitation , 1999.

Salles, SS, **JL Clasey**, DR Gater. Correlation of body composition, basal metabolic rate, glucose tolerance to FIM scores and the Kurtzke EDSS in patients with multiple sclerosis. 11th Annual Research Day, University of Kentucky, Department of Physical Medicine and Rehabilitation , 1999.

ORAL PRESENTATIONS (JL Clasey presenting author)

National/International Presentations

Clasey, JL, B Blakley. The Kentucky Health Education Rural Outreach Grant: The Collaboration between Scientists and Science Museums. Association of Science-Technology Centers Conference. Louisville, KY, 2006

Clasey, JL, DR Gater. Body composition assessment in SCI adults. 2006 SCI Conference (American Paraplegia Society, American Association of Spinal Cord Injury Psychologists and Social Workers, and

American Association of Spinal Cord Injury Nurses), Las Vegas, NV, 2006

Clasey, JL, AL Janowiak, DR Gater. Body density determination by hydrostatic weighing and air displacement plethysmography in spinal cord injured adults. 6th International Symposium "In Vivo Body Composition Studies." Rome, Italy, 2002.

Clasey, JL, AL Janowiak, DR Gater. Evaluation of air displacement plethysmography for assessing body density and body composition in female athletes. 49th National Meeting of the American College of Sports Medicine, St. Louis, MO, 2002.

Clasey, JL, AL Janowiak, CE Winsor, CB Mize, DR Gater. Bone density measures in spinal cord injured (SCI) adults. 48th National Meeting of the American College of Sports Medicine, Baltimore, MD, 2001.

Clasey, JL. Bioelectrical impedance analyzers (BIA): Are you getting your monies worth? American Alliance of Health, Physical Education, Recreation and Dance. Orlando, FL. 2000

Clasey, JL, et al. Symposium: Methods of teaching undergraduate exercise physiology classes. American Alliance of Health, Physical Education, Recreation and Dance. Orlando, FL. 2000

Clasey, JL, A Weltman, J Patrie, JY Weltman, SS Pezzoli, CD Teates, C Bouchard, MO Thorner, ML Hartman. Abdominal visceral fat (AVF), fasting insulin and IGF-I are important predictors of 24-h GH release independent of age, gender and other physiological factors. 81st Annual Meeting of The Endocrine Society, San Diego, CA, 1999.

Clasey, JL, A Weltman, JY Weltman, IM Chapman, SS Pezzoli, CD Teates, C Bouchard, MO Thorner, ML Hartman. Abdominal visceral fat (AVF) is related to 24-h growth hormone (GH) release in both young and older men and women. 79th Annual Meeting of The Endocrine Society, Minneapolis, MN, 1997.

Clasey, JL, C Bouchard, CD Teates, MO Thorner, JE Riblett, ML Hartman, A Weltman. Estimation of abdominal visceral fat (AVF) in men and women. 44th National Meeting of the American College of Sports Medicine, Denver, CO, 1997.

Clasey, JL, A Weltman, JA Kanaley, L Wideman, ME Gutgesell, CD Teates, MO Thorner, C Bouchard, ML Hartman. 24-h growth hormone (GH) release is more strongly related to visceral adipose tissue than percentage body fat in older men and women. 10th International Congress of Endocrinology, San Francisco, CA, 1996.

Clasey, JL, JA Kanaley, ML Hartman, CD Teates, C Bouchard, A Weltman. Scan mode influences bone and body composition measures by dual energy x-ray absorptiometry. 42th National Meeting of the American College of Sports Medicine, Indianapolis, IN, 1995.

Regional Presentations

Clasey, JL. Addressing the problem of childhood obesity: prevention and intervention strategies. Sankofa

Series Lecture. Longwood College, Farmville, VA, 2007.

Clasey, JL. The metabolic syndrome: it's now a "G-Rated" concern. Student Symposium Invited Speaker, Southeast Regional Chapter of American College of Sports Medicine, Charlotte, NC, 2007.

Clasey, JL, J Brandon, S Owens, M Loftin. Childhood obesity issues symposium: resistance exercise, cardiorespiratory fitness and intervention via interactive media. Southeast Regional Chapter of American College of Sports Medicine, Charlotte, NC, 2007.

Clasey, JL. Anthropometric measurement techniques for pharmaceutical clinic trials. Eli Lilly Pharmaceutical Corporation Invited Speaker. Indianapolis, IN, 2006

Clasey, JL. Reflections on the role of exercise in childhood obesity. Perspectives in Exercise Topics Lecture Series. Marquette University, Milwaukee, WI, 2006

Clasey, JL. Body composition assessment in spinal cord injured adults. Model Spinal Cord Injury System Seminar Series. University of Michigan, Ann Arbor, MI, 2006.

Clasey, JL. A radiology seminar: The many facets of radiology. Floyd Memorial, Interstate Imaging and Spencerian College. New Albany, IN, 2005.

Clasey, JL. Research efforts concerning childhood obesity. Exercise Science Seminar Series, University of Illinois, Champaign, IL, 2005.

Clasey, JL. Body composition assessment using multi-compartment modeling techniques. Graduate Seminar Series, University of Tennessee, Knoxville, TN, 2001.

Clasey, JL, A Weltman. Growth Hormone, Body Composition, and Exercise. Southeast Regional Chapter of American College of Sports Medicine, Sand Destin, FL, 1998.

Clasey, JL, BH Massey. The relationship between finger flexion force production and selected hand, forearm and body physique measurements. Midwest AAHPERD Conference, 1987.

State Presentations

Clasey, JL. Research strategies addressing the problem of childhood obesity. Cooperative Extension and Family and Consumer Science State Conference, Lexington, KY 2007

Clasey, JL. Exercise Physiologist. What do they do and how do they do it? Scientist in Residence Program, Louisville Science Center, Louisville, KY 2006

Clasey, JL. Research efforts concerning childhood obesity at the University of Kentucky and Across the Blue Grass. Health Education through Extension Leadership (HEEL) conference series. Clark County, KY; Hardin County, KY; Princeton, KY, 2005.

- Clasey, JL.** Getting Kids off the Couch – Bring in the Activity. 3rd Annual Growing Healthy Kids in Kentucky Conference. Lexington, KY, 2004
- Clasey, JL.** Exercise Prescription: What you need to know. Kentucky Dietetic Association, Lexington, KY, 2003.
- Clasey, JL.** Bone Densitometry: Bone density measures in spinal cord injured (SCI) adults. Blue Grass Society of Radiologic Technologists, Lexington, KY, 2002.
- Clasey, JL.** Bone Densitometry: The effect of cane use on bone mineral density. Blue Grass Society of Radiologic Technologists, Lexington, KY, 2002.
- Clasey, JL.** Bone Densitometry: A brief history. Blue Grass Society of Radiologic Technologists, Lexington, KY, 2001.
- Clasey, JL.** Bone Densitometry: Dual energy x-ray absorptiometry (DXA) acquisition. Blue Grass Society of Radiologic Technologists, Lexington, KY, 2001.
- Clasey, JL.** Bone and Skeletal Health. 8th Annual Conference of the UK Wellness Program. Lexington, KY, 2001.
- Clasey, JL.** Body composition and exercise prescription for dietetic professionals. Blue Grass District of the Kentucky Dietetics Association, Lexington, KY, 2001.
- Clasey, JL.** Compartment modeling techniques for body composition assessment. Kentucky Association – Health, Physical Education, Recreation, and Dance, Louisville, KY 2001.
- Clasey, JL, J Finnley.** Body Composition Assessment: Field to Laboratory. Kentucky Association – Health, Physical Education, Recreation, and Dance, Lexington, KY 1999.
- Clasey, JL, JW Yates, LB Ransdell.** A current look at eating disorders, osteoporosis and secondary amenorrhea: The female Triad. Kentucky Association – Health, Physical Education, Recreation, and Dance, Bowling Green, KY, 1998.
- Clasey, JL, JW Yates.** The role of exercise in weight management. Multidisciplinary Approach to Weight Reduction Symposium, Wilkinson-Stumbo Convention Center, Prestonburg, KY, 1998.
- Clasey, JL.** Skeletal Health: Assessment, Status, and Treatment. Boar's Head Inn Country Resort Sports Club Workshop, Charlottesville, VA, 1997.
- Clasey, JL.** Body Composition and Regional Fat Distribution: Methodology and Health Implications. Atlantic Coast Athletic Club, Charlottesville, VA, 1996.
- Clasey, JL.** Skeletal Health: The Good, the Bad and the Tragic. The Second Wind Running Club, Urbana, IL, 1992.

Local/University Presentations

- Clasey, JL.** The GCRC Functional Assessment and Body Composition Core: Research, Requests, and Resources. University of Kentucky clinical Research Organization and University of Kentucky General Clinical Research Center Seminar Series, Lexington, KY 2007
- Clasey, JL.** Research Efforts Concerning Childhood Obesity. Medical Grand Rounds, Shriners Hospital for Children, Lexington, KY, 2006.
- Clasey, JL.** Exercise Physiology and Related Health Disciplines. Girls in Science Summer Program, University of Kentucky, Lexington, KY, 2006.
- Clasey, JL.** Body composition and exercise prescription for dietetic professionals. Blue Grass Pediatric Dietetics Association, Lexington, KY, 2005.
- Clasey, JL.** Insulin sensitivity and body composition in Caucasian and African American female adolescents. Combined BIRCWH and K30 Fall Retreat. College of Medicine, University of Kentucky, Lexington, KY, 2002.
- Clasey, JL.** Body composition assessment for the nutritional sciences. Community Based Faculty (CBF) Training Session and Advisory Board Meeting. College of Human Environmental Sciences, University of Kentucky, Lexington, KY, 2002.
- Clasey, JL.** Body composition assessment: theory and methodology. Graduate Seminar in Nutritional Sciences, University of Kentucky, Lexington, KY, 2002.
- Clasey, JL.** Body Composition Methodologies: Archimedes and Beyond. Center for Biomedical Engineering, Wenner-Gren Research Laboratory, Biomedical Engineering Seminar Series, University of Kentucky, Lexington, KY, 1999.
- Clasey, JL.** Total body and regional body composition and the relationship to growth hormone secretion. Division of Endocrinology Seminar Series, Department of Internal Medicine, University of Virginia, Charlottesville, VA, 1997.
- Clasey, JL.** Physical activity, estrogen replacement therapy and bone mineral density in early postmenopausal women. Division of Endocrinology Seminar Series, Department of Internal Medicine Seminar Series, University of Virginia, Charlottesville, VA, 1995.

INVITED COURSE LECTURES

- 2005 **Clasey, JL.** Body composition theory and methodology (2-one hour lectures and 1-three hour lab) Department of Kinesiology and Health Sciences, Georgetown College, Georgetown, KY.

- 2005 **Clasey, JL.** Childhood Obesity: What are we doing, what are you doing, what can we do together? Department of Physical Education, Health, and Athletics, Berea College, Berea, KY.
- 2004 **Clasey, JL.** Research efforts in childhood obesity. Department of Physical Education, Health, and Athletics, Berea College, Berea, KY.
- 2004-2007 **Clasey, JL.** The use and practice of dual energy x-ray absorptiometry (DXA) for bone and body composition testing. Lexington Community College X-ray Technologists Program, Lexington, KY.
- 2001 **Clasey, JL.** Body composition assessment for wellness and sport nutrition. Department of Nutritional Sciences; Wellness and Sports Nutrition (CNU 605), University of Kentucky, Lexington, KY.
- 1999-present **Clasey, JL.** Body composition theory, methods, and practice. Department of Kinesiology and Health Promotion; Health Assessments (KHP 675), University of Kentucky, Lexington, KY.
- 1999-present **Clasey, JL.** Graded exercise testing to assess aerobic fitness. Department of Kinesiology and Health Promotion; Health Assessments (KHP 240), University of Kentucky, Lexington, KY.
- 1999-present **Clasey, JL.** Body composition laboratory and field assessment methods. Department of Nutritional Sciences; Human Nutrition Assessment (CNS 640), University of Kentucky, Lexington, KY.
- 1999-present **Clasey, JL.** Body composition assessment: Reliability, validity and sensitivity. Department of Kinesiology and Health Promotion; Nutrition and Physical Fitness (KHP 240), University of Kentucky, Lexington, KY.
- 1997 **Clasey, JL.** The current status of body composition evaluation. Department of Physical Education and Dance, Skidmore College, Saratoga Springs, NY.
- 1992 **Clasey, JL.** Research design in the physical sciences. Department of Social Sciences and Human Development; Psychology of Women (Psyc 104) Parkland College, Champaign, IL.
- 1991-1993 **Clasey, JL.** Theory and methodology of densitometry. Department of Kinesiology; Analysis of Physical Fitness Programs (Kines 251) University of Illinois, Urbana, IL.
- 1990-1993 **Clasey, JL.** Endocrine aspects of growth and development. Department of Kinesiology; Human Growth and Development (Kines 354), University of Illinois, Urbana, IL.

MENTORING

Post-Doctoral Fellows (Assist in Mentoring)

Scott Strath, Ph.D., Energy Expenditure in Spinal Cord Injured Adults, 2001

Ann Swartz, Ph.D., Glucose Intolerance in Spinal Cord Injured Adults, 2001

Medical Students (Assist in Mentoring)

Robert Sisk, Exercise in Spinal Cord Injury, Summer Research Fellowship, 2000

Dental Students (Assist in Mentoring)

A. Seth Hyden, DMD, Caries Activity, Oral Hygiene, and Body Composition Measures in Children, 2006

Daniel J. Steckler, DMD, Caries Activity, Oral Hygiene, and Body Composition Measures in Children, 2006

Doctoral Dissertation Committees

Maureen Dwyer, M.S., Department of Rehabilitation Sciences, College of Health Sciences, 2006-present

Molly Wilson, M.S., Department of Kinesiology and Health Promotion, 2006-present

Lan Chi Lu, M.S., Graduate Center of Nutritional Sciences, 2004

Eileen Grigutis, M.S., College of Nursing, University of Kentucky, 2004-present

Leslie Scott, Ph.D., Acanthosis nigricans and type 2 diabetes risk factors in elementary school-age children, 2003

Margaret Stickney, M.S., Department of Kinesiology and Health Promotion, 2002-present

Mark Cullum, M.S., Resistance training and metabolic cost in men, 2000-present

Tammy Stephenson, Ph.D., Soy protein rich diet and nephropathy in Type I diabetics, 2000-2001

Elizabeth Konz, M.S., Body composition and metabolism on high protein diet, 2000

Gail Peitzmeier, M.S. Department of Kinesiology and Health Promotion, 1999-2005

James Bellew, Ph.D., Strength training in older men and women, 1998-2000

Jerry Finley, M.S., Validation of a portable metabolic analyzer, 1998-2000

Masters Thesis Committees (*Thesis advisor)

*Douglas Long, The assessment of physical activity and nutrition in home schooled versus public school children and their parents, 2006-present

*Candace Houston, Body composition assessment in young black females, 2006-present

*Jason King, Validity and Reliability of the BOD POD ST Unit to Determine Measures of Body Composition in Children and Young Adults, 2004-present

*William Koshover, Graded exercise testing in lean versus obese children, 2004-2005

*Chris Holian, Resistance training on strength and body composition in obese children, 2002-present

*Wesley Ruth, Creatine supplementation on body composition and performance, 2001-2003

Dan Hutchenson, The effect of specialized treadmill versus traditional ground-based training, 2001-2002

*Melissa Cohen, Effect of cane use on regional bone mineral density and fat-free mass (MS Project), 2001-2002

*Holly Hughes, Effect of cane use on regional bone mineral density and fat-free mass (MS Project), 2001-2002

*Adrienne Janowiak, Bone density, body composition and endocrine function in female athletes, 2000-2001

*Sherri Setzer, Body composition in lean and obese pre-pubescent children, 2000-2001

*Carol B. Mize, Blood pressure responses in adults with SCI during exercise, 1999-2000

*Brad Rogers, Body density measures in spinal cord injured adults, 1999-2000

Shannon Pratt, Acetate clearance during exercise in the horse, 1998-1999

Shu-Hsien Hsiao, Creatine supplementation on body composition and performance, 1999-2000

Brock Symons, Deep heat for delayed onset muscle soreness, 1998-1999

*Stacey Whatley, Validity of bioelectrical impedance analyzers in young healthy adults, 1998-1999

Masters Comprehensive Exams Committees (*Primary Mentor)

- *Timothy Burrows, 2006
- Jennifer Schnipke, 2006
- Rose Robertson, 2006
- *Jeremy Nichols, 2005
- *Elizabeth Ray, 2005
- *Nichole Balla, 2005
- April Crosby, 2005
- Maria Starks, 2005
- *Evan Simon, 2004
- *Christopher Owens, 2004
- Cynthia Stringer, 2004
- *Phillip Williams, 2002
- *Heather Austin, 2002
- *Sheri Setzer, 2002
- Shu-Hsien Hsiao, 2002
- Jeff Kears, 2002
- William Scott Black, 2002
- *Tanika Owens, 2001
- Kerry Curtis, 2001
- *Bradly Rogers, 2000
- *Carol Beth Mize, 2000
- Jacqueline Campbell, 2000
- Katherine Carter, 2000
- Brian Jones, 2000
- Kristi McClary, 1999
- Peter Knox, 1999
- Jessica Jonkheere, 1999
- Dana Ruth, 1999
- Tiffany Uliciny, 1999

Undergraduate Supervision

- | | |
|-----------------|---|
| Brett Lemmons | BIO 395, Research in Biology, 2007 |
| George Mead | Advisor for 2 nd Major: Topical Studies: Health Sciences, 2007 |
| Michael Brents | Research Experience (PEP Lab and Body Comp Core Lab), 2006-7 |
| Kristen Dowling | Research Experience (PEP Lab and Body Comp Core Lab), 2006-7 |
| Michael Bradley | Research Experience (PEP Lab and Body Comp Core Lab), 2006-7 |
| Pamila Bolin | KHP 577, Practicum in Kinesiology, 2005 |
| Kelli Fuzy | KHP 577, Practicum in Kinesiology, 2005 |
| Nicole Carter | KHP 577, Practicum in Kinesiology, 2005 |
| Amber Shadwick | KHP 577, Practicum in Kinsiology, 2005 |
| Nicholas Blair | KHP 577, Practicum in Kinsiology, 2005 |
| Brenton Grubb | KHP 577, Practicum in Kinsiology, 2004 |
| Taylor Charron | KHP 577, Practicum in Kinsiology, 2004 |

Jessica Carmicle	KHP 577, Practicum in Kinsiology, 2003
Emilee Barr	KHP 577, Practicum in Kinsiology, 2003
William Skaggs	KHP 577, Practicum in Kinesiology, 2002
Tiffany White	KHP 577, Practicum in Kinesiology, 2002
Jason King	KHP 577, Practicum in Kinesiology, 2002
Michelle Erway	KHP 577, Practicum in Kinesiology, 2001
Jill Kneer	KHP 577, Practicum in Kinesiology, 2001
Tom Pham	KHP 577, Practicum in Kinesiology, 2001
Chris Holian	KHP 395, Independent Study in Kinesiology, 2001
Celeste Warren	KHP 577, Practicum in Kinesiology, 2000
Kelly Barron	Undergraduate Research and Creativity Grant, University of Kentucky (Faculty Supervisor), 2000
Adam Taylor	KHP 395, Independent Study in Kinesiology, 1999
Kelly Barron	KHP 577, Practicum in Kinesiology, 1999
Dana Martin	KHP 577, Practicum in Kinesiology, 1999
Michelle Wolf	KHP 577, Practicum in Kinesiology, 1999
Cortney Jones	KHP 577, Practicum in Kinesiology, 1999
Tom Matlock	KHP 577, Practicum in Kinesiology, 1999
Mike Purcell	KHP 577, Practicum in Kinesiology, 1999

REVIEWER

2007	NIH Study Section; Health of the Population (HOP) Integrated Review Group (IRG), Cardiovascular and Sleep Epidemiology (CASE) Study Section
2006	NIH Study Section; Health of the Population (HOP) Integrated Review Group (IRG), Cardiovascular and Sleep Epidemiology (CASE) Study Section
2006-present	International Journal of Pediatric Obesity
2006-present	Obesity Research
2006-present	Metabolism
2006-present	Obesity
2005-present	Pediatrics
2005-present	International Journal of Obesity
2005-present	Journal of Applied Physiology
2002-present	International Journal of Sport Nutrition and Exercise Metabolism
2001-present	Journal of the International Society of Nephrology
2000-present	The American Journal of Clinical Nutrition
2000-present	University of Kentucky General Clinical Research Center Protocol Reviewer
2000-present	Women in Sport and Physical Activity
2005	Abstract reviewer of National AAHPERD Convention, Physical Fitness Council
2005	Abstract reviewer Southeast American College of Sports Medicine (SEACSM) Conference
1999	Abstract reviewer for National AAHPERD Convention, Research Consortium, Fitness Section
1998-1999	Journal of Aging and Physical Activity
1996-present	Medicine and Science in Sports and Exercise

MEMBERSHIPS

Fellow, American College of Sports Medicine
Member, Southeast Chapter of American College of Sports Medicine
Associate Member, Kentucky Society of Radiologic Technologist
Member, American Alliance for Health, Physical Education, Recreation and Dance
Member, Kentucky Alliance for Health, Physical Education, Recreation and Dance
Member/Alumnus, University of Illinois Varsity I Association
Member/Alumnus, Kappa Kappa Gamma Beta Lambda Chapter

HONORS and AWARDS

2006	Alumni Association Great Teacher Award, University of Kentucky
2002	Exceptional Achievement Award for Research, College of Education, University of Kentucky
2002-2003	Circles of Power Leadership Development Program, College of Medicine, University of Kentucky
2002	Distinguished Service Award, The Physical Fitness Council of The American Association for Active Lifestyles and Fitness, American Alliance of Health Physical Education, Recreation and Dance
2001	American College of Sports Medicine: Fellow (FACSM)
1996	Glenn Foundation Medical Research Award, Geriatric Endocrinology, 10 th International Congress of Endocrinology, San Francisco, CA
1986-1990	University of Illinois Teacher Ranked as Excellent by Students, University of Illinois, Urbana, IL
1983	Floyd Bullock Academic and Athletic Honorary Award, University of Illinois, Urbana, IL
1982-1984	Dean's List for the College of Applied Life Sciences, University of Illinois, Urbana, IL
1982-1984	George Huff Academic and Athletic Honorary Award, University of Illinois, Urbana, IL
1979-1984	Athletic Association Varsity Volleyball Scholarship, University of Illinois, Urbana, IL

1979-1983

Athletic Association Varsity Letter Winner, University of Illinois, Urbana, IL

GRANT ACTIVITY

Grants and Awards: Approved and Funded

\$8,000 University of Kentucky College of Education Institute for Educational Research; Body Composition Assessment In Young Black Women, 2006, **Principal Investigator**

\$32,745 Kosair Children's Charities A Comparison of Pulmonary Performance as Measured by Exercise Parameters in Patients with Scoliosis 2006, **Co-Investigator**

\$30,000 Children's Miracle Network. Development of Development of a Pediatric Specific Regression Equation for Body Composition Assessment Using Bioelectric Impedance Analysis, 2005, **Principal Investigator**

\$5,000 BodyStat Ltd. Development of Development of a Pediatric Specific Regression Equation for Body Composition Assessment Using Bioelectric Impedance Analysis, 2005, **Principal Investigator**

\$150,000 Kentucky Fund for Healthy Living. Pediatric Exercise Physiology Laboratory Endowment, 2005, **Principal Investigator**

\$3,373 NIH/University of Kentucky General Clinical Research Center. Meal-Related Changes in Gut Hormones in Lean and Obese Children, 2005, **Co-Investigator**

\$300,000 Kentucky Fund for Healthy Living. Pediatric Exercise Physiology Laboratory Endowment, 2004, **Principal Investigator**

\$20,000 University of Kentucky Got Grants Program. Blue Grass Care Exercise Intervention Study, 2004, **Principal Investigator**

\$10,000 University of Kentucky Got Grants Program. Ethnic Differences in the Relationships Among Sensitivity, Body Composition Measurements, and Aerobic Fitness in Obese and NonObese Female Adolescents, 2004, **Principal Investigator**

\$3,340,040 NIH NINDS Early Treatment of ALS with Nutrition and NIPPV, 2004, **Co-Investigator**

\$15,000 NIH NCRR Science Education Partnership Award (SEPA).Kentucky Health Education Rural Outreach Scientists (KY – H.E.R.O.S.) Louisville Science Center, 2004 **Co-Principal Investigator**

\$478,503 NIH Phase II SBIR Customized Electrical Stimulation for SCI Rehabilitation, 2002, **Principal Investigator**

\$292,395 NIH/GCRC 5M01RR02602-15 Director: Exercise Physiology Laboratory, General Clinical Research Center Competitive Renewal, (Total \$11,600,000), 2002, **Co-Investigator**

\$4,950 University of Kentucky Department of Behavioral Science and Department of Defense Grant in Breast Cancer Research, Biopsychosocial Factors in Weight Gain and Body Composition Changes in Breast Cancer Survivors, 2002, **Co-Investigator**

\$30,000 University of Kentucky Faculty Research Enhancement Grant, Office of the Vice President for Research, 2002, **Principal Investigator**

\$90,000 Building Interdisciplinary Research Careers in Women's Health (PI: Claire Pomeroy, MD and Tom Curry, PhD), (Total \$2,500,000), 2001-2003, **Scholar**

\$5,000 NIH K30 HL04163-03 Career Training in Therapeutics and Translational Research (PI: Claire Pomeroy, MD and Robert A. Blouin, PhD), (Total \$1,000,000), 2001-2002, **Scholar**

\$9,000 University of Kentucky Faculty Research Enhancement Grant, Office of the Vice President for Research, 2001-2003, **Principal Investigator**

\$605,615 Clinical Associate Physician Award, NIH NCRR K23 RR16182-01, Exercise on Glucose Tolerance and Body Composition in Spinal Cord Injury, 2001, **Co-Investigator**

\$16,964 NIH/University of Kentucky General Clinical Research Center, Relationship among Bone Mineral Density, Endocrine Function, and Body Composition Measures in College Female Athletes, 2000, **Principal Investigator**

\$1,193 NIH/University of Kentucky General Clinical Research Center, Body Composition in Obese and Nonobese Children, 2000, **Principal Investigator**

\$26,382 NIH/University of Kentucky General Clinical Research Center, Basal Metabolic Rate, Body Composition and Functional Measures of Adults with Multiple Sclerosis Versus Healthy Adults, 2000, **Principal Investigator**

\$1,000 University of Kentucky Faculty Research Enhancement Grant, Office of the Vice President for Research, 2000, **Principal Investigator**

\$2,500 University of Kentucky Undergraduate Research and Creativity Grant, 2000, **Faculty Supervisor**

\$196,863 NIH/University of Kentucky General Clinical Research Center, Exercise on Glucose Tolerance and Body Composition in Spinal Cord Injury, 1999, **Co-Investigator**

\$297,486 Kentucky Spinal Cord and Head Injury Foundation, Exercise on Glucose Tolerance and Body Composition in Spinal Cord Injury, 1999, **Co-Investigator**

\$474,000 VAMC Career Development Award, Effects of Dosed Exercise on Glucose Tolerance and Body Composition in Spinal Cord Injury, 1999, **Co-Investigator**

\$150,000 University of Kentucky Physician Scientist Award – Exercise on Glucose Tolerance and Body

Composition in Spinal Cord Injury, 1999, **Co-Investigator**

\$42,224 NIH/University of Kentucky General Clinical Research Center, An Investigation of the Etiological Factors Associated with Osteoporosis and Primary Osteoarthritis, 1999, **Principal Investigator**

\$15,000 University of Kentucky Research Committee Grants, Etiological Factors Associated With Osteoporosis and Primary Osteoarthritis, 1999, **Principal Investigator**

\$1,058 University of Kentucky Travel Award, , Office of the Vice President for Research, 1999, **Principal Investigator**

\$4,250 University of Kentucky Research Committee Grants, Effects of Creatine Supplementation on Performance and Changes in Body Weight, 1999, **Principal Investigator**

\$13,152 NIH/University of Kentucky General Clinical Research Center, Basal Metabolic Rate, Peak Oxygen Consumption and Body Composition of Physically Active versus Sedentary Paraplegics, 1998, **Principal Investigator**

\$1,200 NIH/University of Kentucky General Clinical Research Center, Plasma versus Respiratory Water for the Measurement of Total Body Water, 1998, **Principal Investigator**

\$7,008 NIH/University of Kentucky General Clinical Research Center, Total body and Regional Body Composition of Jockeys and Riders, 1998, **Principal Investigator**

\$15,113 NIH/University of Kentucky General Clinical Research Center, Aerobic Exercise Intervention on CAD Risk Profiles in Spinal Cord Injured Adults, 1998, **Co-Investigator**

\$29,960 American Heart Association Kentucky Affiliate, Aerobic Exercise Intervention on CAD Risk Profiles in Spinal Cord Injured Adults, 1998, **Co-Investigator**

\$2,450 University of Kentucky Research MRI Center Pilot Project Grant Award, Magnetic Resonance Imaging of Abdominal, Arm, and Leg Tissue Masses in Spinal Cord Injured Adults, 2000, **Principal Investigator**

\$4,000 University of Kentucky Summer Faculty Research Fellowship, Body Composition of Physically Active Versus Inactive Spinal Cord Injured Adults, 1998, **Principal Investigator**

\$1,380,490 NIH/NIDDK DK32632-14, Reversal of Decline of GH Secretion of Aging, 1998, **Co-Investigator**

\$15,000 Pfizer Pharmaceutical Inc. Research and Development Project: Anthropometric Techniques Instructional Video Series, 1998, **Principal Investigator**

\$875,000 NIH/NIA RO1-AG-10997, Growth hormone and Physical training in Older Persons, 1995, **Co-Investigator**

\$150,000 National Research Service Award: NIA #AGO5673-01, The Relationship Between Spontaneous and Stimulated GH Secretion and Body composition Measurements in Young, Middle-Aged and Older Adults,

1996, **Postdoctoral Fellow**

\$37,000 Diabetes and Hormone Action Research Traineeship, #5 T32 DK07320, University of Virginia, UVA School of Medicine, 1993-1995, **Postdoctoral Fellow**

\$1,000 Kappa Kappa Gamma Fraternity Graduate Fellowship Award, 1993, **Principal Investigator**

\$500 University of Illinois Graduate College Dissertation Research Grant, 1992, **Principal Investigator**

\$500 University of Illinois Graduate College Thesis/Project Grant, 1991, **Principal Investigator**

Equipment Grants: Approved and Funded (Equipment Grants)

\$19,000 University of Kentucky Research Equipment Initiative, Hoist KL Series Circuit Pediatric Resistance Training Equipment, 2005, **Principal Investigator**

\$12,000 BIRCWH Scholar Research and Resources Grant, Pediatric Resistance Training Equipment System, 2002, **Principal Investigator**

\$11,974 University of Kentucky Research Equipment Initiative, YSI 2300 STAT Plus Glucose Lactate Analyzer, 2002, **Principal Investigator**

\$5,555 University of Kentucky Major Research Equipment Grant, Standard Spectronic Genesys 5 Spectrophotometer, 2001, **Principal Investigator**

\$44,721 University of Kentucky Equipment Replacement Pool Request Grant Fund, Vmax C Lite Indirect Testing System with Integrated Electrocardiogram (ECG) and Treadmill Ergometer, 2000-2002, **Principal Investigator**

\$21,000 University of Kentucky Major Research Equipment Grant, PTA-30 Autosampler, Automation of Infrared Spectrophotometer for the Measurement of Total Body Water, 2000, **Principal Investigator**

\$29,357 University of Kentucky Equipment Replacement Pool Request Grant Fund, Laboratory Preparation and Analysis Equipment, 2000-2002, **Principal Investigator**

\$600 Teaching and Learning Center Faculty Associates Grants Program, Instructional Videotape Series of Body Composition Analyses Techniques, 1999-2000, **Principal Investigator**

\$2,200 Jantzen Incorporated: Corporation Donation Resource Grant, 1999, **Principal Investigator**

\$141,000 University of Kentucky Research Equipment and laboratory Replacement Pool, In Vivo Body Composition Analysis System, 1999, **Principal Investigator**

\$25,000 University of Kentucky Faculty Start-Up Funds, Infrared Spectrophotometer for the Measurement of Total Body Water, various additional laboratory supplies 1998, **Principal Investigator**

Grants Applications: Submitted and Awaiting Approval

\$2,512,673 NIH 1 RO1 DK077792-01A1 Endurance Versus Resistance Training in Obese Prepubescent Children, 2007, **Principal Investigator**

\$27,335 Kosair Children's Charities Validation of Two Different Methods to Assess Body composition in Ambulatory Children with CP, 2007, **Co-Investigator**

\$27,250 Kosair Children's Charities Pulmonary Performance as Measured by Exercise Parameters in Adolescents with Idiopathic Scoliosis, 2007, **Co-Investigator**

\$1,500,000 NIH P20 Center for Biobehavioral Research on Self-Management of Cardiopulmonary Disease, 2007 **Co-Investigator/Advisory Committee**

\$146,500 NIH An Interactive Individualized Internet Intervention for Secondary Cardiac Prevention In Post-ACS Patients, 2006, **Co-Investigator**

\$205,000 Provost Equipment University of Kentucky 2008-2010 Capital-Plan; Metabolic Instructional Systems, 2006, **Principle Investigator**

\$127,000 University of Kentucky Major Research Equipment Grant, GE Lunar iDXA™ System, 2006, **Principal Investigator**

Grants Applications: Approved (Internal Funding)

Project Sponsor: University of Kentucky College of Dentistry (Pediatric Dentistry) and the University of Kentucky Body Composition Core Laboratory; Caries Activity, Oral Hygiene, and Body Composition Measures in Children, 2006, **Co-Investigator**.

Project Sponsor: University of Kentucky Pediatric Exercise Physiology Laboratory and University of Kentucky Body Composition Core Laboratory; The Assessment of Physical Activity and Nutrition in Home Schooled Children Versus Public School Children and Their Parents, 2006, **Principal Investigator**

Project Sponsor: University of Kentucky Pediatric Exercise Physiology Laboratory and University of Kentucky Body Composition Core Laboratory; Graded exercise testing in children, 2004, **Principal Investigator**

Project Sponsor: University of Kentucky Body Composition Core Laboratory; Validity and Reliability of the BOD POD ST to Determine Measures of Body Composition in Children and Young Adults, 2004, **Principal Investigator**

Project Sponsor: University of Kentucky Body Composition Core Laboratory and the University of Kentucky Pediatric Exercise Physiology Laboratory; The effect of resistance training on strength and body composition measurements in children, 2003, **Principal Investigator**

Project Sponsor: University of Kentucky Body Composition Core Laboratory, Body Composition in Obese and Nonobese Children, 2002, **Principal Investigator**

Project Sponsor: University of Kentucky Body Composition Core Laboratory; The Effect of Cane Use on Bone Mineral Density, 2001, **Principal Investigator**

Project Sponsor: University of Kentucky Body Composition Core Laboratory; Bone Density Measures in Spinal Cord Injured Adults, 2000, **Principal Investigator**

Project Sponsor: University of Kentucky Body Composition Core Laboratory; Reliability of Bone Measures by Dual-Energy X-ray Absorptiometry, 2000, **Principal Investigator**

Project Sponsor: University of Kentucky Body Composition Core Laboratory; Comparison of Hydrostatic Weighing and Air Displacement Plethysmography Methods to Determine Body Density in Spinal Cord Injured Patients, 1999, **Principal Investigator**

Project Sponsor: University of Kentucky Body Composition Core Laboratory; The Validity of Bioelectrical Impedance Analyzers (BIA) Measures to Estimate Body Composition in Young Healthy Adults, 1998, **Principal Investigator**

Grants Applications: Submitted but Unapproved

\$1,828,418 NIH RO1DK077792-01 Endurance Versus Resistance Training in Obese Prepubescent Children, 2006, **Principal Investigator**

\$5,850 University of Kentucky College of Education Institute for Educational Research; The Assessment of Physical Activity and Nutrition in Home Schooled Children Versus Public School Children and Their Parents, 2006, **Principal Investigator**

\$398,886 NIH R21 NIAID PA-03-107 Steps exercise program for HIV-infected individuals, 2006, **Co-Investigator**

\$1,466,360 RO1 NIH NCI Exercise Intervention, Cancer Biomarkers in Lean and Obese Children, **Principal Investigator** (\$7,429,639 Total Cost; Transdisciplinary Research on Energetics and Cancer (TREC) Center Grant, Interaction of Physical Activity and Obesity on Cancer Incidence, Progression, PI: KA Esser), 2005

\$15,000 UK Commonwealth Collaborative Grant Development of a Pediatric Specific Regression Equation for Body Composition Assessment Using Bioelectric Impedance Analysis, 2005, **Principal Investigator**

\$346,500 NIH RFA-DK-04-013 Impact of community model on child physical activity, 2005, **Co-Investigator**

\$402,525 R21 NIH RFA-HD-04-020 Monitoring weight loss and body composition, 2005, **Co-Investigator**

\$292,800 RO3 NIH PAR-04-082 Role of serotonin in pediatric obesity, 2005, **Co-Investigator**

\$99,956 NIH NIDDK R41 Classroom Fitness and Literacy Multimedia Tools. 2004, **Principal Investigator**

\$616,000 VA Merit Review Grant. Aerobic Training Intervention for HIV-Associated Metabolic Syndrome, 2004, **Co-Investigator**

\$1,165,227 NIH RFA-DK-04-010 Stress, HPA Regulation and Visceral Adiposity, 2004, **Co-Investigator**

\$1,380,490 NIH RO1, Exercise on Insulin Sensitivity in Spinal Cord Injury, 2002, **Consultant**

\$1,700,000 NIH/NIA RO1, Ghrelin: Aging, Nutrition and Regulation of Growth Hormone, 2002, **Consultant**

\$249,800 NIH R21 DK-00-008, Exercise Training in Obese Prepubescent Children, 2000, **Principal Investigator**

\$1,822,629 NIDRR CFDA #84. 133N, KY Regional Model Spinal Cord Injury System, 2000, **Co-Investigator**

\$72,750 NIA Pilot Research, PA-99-049, Etiology of Osteoporosis and primary Osteoarthritis, 1999, **Co-Investigator**

\$648,006 Mentored patient-Oriented Research Career Development Award (K23), PA-98-052, Exercise on Glucose Tolerance and Body Composition in Spinal Cord Injury, 1999, **Co-Investigator**

\$648,006 clinical Associate Physician Award, PA-90-30, Exercise on Glucose Tolerance and Body Composition in Spinal Cord Injury, 1999, **Co-Investigator**

\$474,000 VAMC Career Development Award, Effects of Dosed Exercise on glucose tolerance and body Composition in Spinal Cord Injury, 1999, **Co-Investigator**

\$507,289 NIH DK-98-013, Director: Human Body Composition Core Laboratory, Clinical Nutrition Research Unit Core Center Application (Total \$4,826,557), 1998, **Co-Investigator**

\$5,000 Life Fitness Academy Award, Resting Metabolic rate, Peak Oxygen Consumption and Body Composition in Physically Active Versus Sedentary Paraplegics: A Pilot Study, 1998, **Principal Investigator**