Dr. Ellen Glickman, Ph.D

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Education	
Ph.D., Exercise Physiology University of Pittsburgh The influence of body composition on temperature regulation during immersion	1989 in 18, 22 and 26°C water for 120 minutes
MS.Ed., Exercise Physiology Queens College, City University of New York	1985
B.A., American Studies/Honors William Smith College	1983
Higher Education Work Experience	
Professor Kent State University	08/1995 - present
Assistant Professor promoted to Associate Professor Louisiana State University	8/1989 - 8/1995
Other Professional Experience	
Senior Research Associate Western Psychiatric Institute and Clinic Department of Psychophysiology	09/1988 - 07/1989
Publications	

Muller MD, Seo Y, Kim CH, Ryan EJ, Pollock BS, Burns KJ, Glickman EL (2013) Cold habituation does not improve manual dexterity during rest and exercise in 5°C. International Journal of Biometerology Feb 7. Publication: <i>Journal Articles, Refereed</i>	2013
Bellar D Glickman EL Gunstad J (In press) Serum Ghrelin is associated with verbal learning and adiposity in a sample of healthy fit older adults. Neuroscience Publication: <i>Journal Articles, Refereed</i>	2013
Spitznagel MB, Miller LA, Potter V, Istenes N, Glickman E , Juvancic-Heltzel J, Gunstad J. (In press). Impact of 6-Month Exercise Program on Weight Status Factors and Associated Biomarkers in Mild Cognitive Impairment (MCI). Pathology. Publication: <i>Journal Articles, Refereed</i>	2013
Publication. Journal Articles, Refereed	
Calvo BA, J Gunstad, L Miller, E Glickman, MB Spitznagel (In press) Higher Serum IGF-1 is Associated with Better Cognitive Performance in Persons with Mild Cognitive Impairment Psychogeriatrics	2013
Publication: Journal Articles, Refereed	
YS Seo, C Kim, EJ Ryan, J Gunstad, EL Glickman, MD Muller (In press) Cognitive function during lower body water immersion and post-immersion after-drop. Aviation Space and Environ Medicine	2013
Publication: Journal Articles, Refereed	
Muller MD, Gunstad J, Alosco ML, Miller LA, Updegraff J, Spitznagel MB, Glickman EL. Effects of Acute Cold Exposure on Cognitive Function: Evidence for Sustained Impairment. In press, Ergonomics. Accepted 2-6-12. Publication: <i>Journal Articles, Refereed</i>	2012
Esmat TA, Pierce KE, Muller MD, Glickman EL. 53 hours of total sleep deprivation has no effect on rewarming from cold air exposure. (2012) Wilderness and Environ Medicine July 3 Publication: <i>Journal Articles, Refereed</i>	2012
Muller MD, Kim CH, Bellar DB, Ryan EJ, Seo YS, Muller SM, Glickman EL . (2012) Effect of cold acclimatization on exercise economy in the cold <i>European Journal of Applied Physiology</i> 112 (2) 795-800	2012
Publication: Journal Articles, Refereed	
Bellar, D., Kamimori, G.H., Judge, L.W., Barkley, J.E., Ryan, E.J., Muller, M.D., Glickman EL (2012) Effects of Low-Dose Caffeine Supplementation on Early Morning Performance in the Standing Shot Put Throw. European Journal of Sport Sciences 12(1) 57-61. Publication: <i>Journal Articles, Refereed</i>	2012
Spitznagel MB, Miller LA, Potter V, Istenes N, Glickman E , Juvancic-Heltzel J, Gunstad J. (In press). Impact of 6-Month Exercise Program on Weight Status Factors and Associated Biomarkers in Mild Cognitive Impairment (MCI). Pathology. Publication: <i>Journal Articles, Refereed</i>	2012

Ryan, EJ, C-H Kim, Muller MD, A Jankowski-Wilkinson, M Russel, DM Bellar, MV Bliss, R Otterstetter, GH Kamimori, EL Glickman (2013) Low dose caffeine administered in chewing gum does not enhance cycle time to exhaustion. Journal of Strength and Conditioning Research, 26(3) 844-50 Publication: <i>Journal Articles, Refereed</i>	2012
EJ Ryan, E Fickes, M Williamson, MD Muller, J Gunstad, J Barkley, J Gunstad, E Glickman (2012) Caffeine Gum and Cycling Performance: A Timing Study. Journal of Strength and Conditioning Research, April 3	2012
Publication: Journal Articles, Refereed	
EJ Ryan, E Fickes, M Williamson, MD Muller, J Gunstad, J Barkley, J Gunstad, E Glickman (In press) Caffeine Gum and Cycling Performance: A Timing Study. Journal of Strength and Conditioning Research	2012
Publication: Journal Articles, Refereed	
MD Muller, CH Kim, YS Seo, EJ Ryan EL Glickman (2012) Hemodynamic and thermoregulatory responses to lower body water immersion Aviation Space Environ Med 10:935-41.	2012
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Peacock C, Pollock B, Burns K, G Sanders, Glickman E (2012) Single Dosage Supplementation Improves Fitness Performance and Decreases Changes in Muscle Damage. Journal of Exercise Physiology 15 (6) 68-73.	2012
Publication: Journal Articles, Refereed	
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Publication: Journal Articles, Refereed	
Muller MD, SM Muller, C-H Kim, EJ Ryan, J Gunstad, Glickman EL (2011) Mood and Selective Attention In The Cold: The effect of interval vs, continuous exercise European Journal of Applied Physiology, July: 111 (7) 1321-8.	2011
Publication: Journal Articles, Refereed	
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Publication: Journal Articles, Refereed	
Bellar, D., Muller, M.D., Barkley, J.E., Ryan, E.J., Kim, C., Ida, K., Glickman, EL (2011) The Effects of Combined Elastic and Free Weight Tension versus Free Weight Tension on One Repetition Maximum Strength in the Bench Press. Journal of Strength and Conditioning Research 25 (2) 459-63.	2011
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Type: <i>National Refereed</i> Blegen M, CC Cheatham, N Caine-Bish, EL Glickman (2005) The hormonal responses to exercise of varying intensities in normoxic and hypoxic environments. The American College of Sports Medicine 52 nd Annual Meeting, Nashville, TN, May 2005, Volume 37 (5) pp. S 238.	2005
Type: National Refereed	
E Latsch, R Otterstetter, M Kalinski, EL Glickman (2005) Effect of lactate salts on performance and metabolic variables during incremental exercise in healthy males The American College of Sports Medicine 52nd Annual Meeting, Nashville, TN, May 2005, Volume 37 (5) pp. S 40. Type: <i>National Refereed</i>	2005
R. Otterstetter, L Murray, M Kalinski, E Glickman (2005) Effects of aspirin ingestion on thermoregulatory responses in males during acute cold exposure. The American College of Sports Medicine 52 nd Annual Meeting, Nashville, TN, May 2005 Volume 37 (5), pp. S 212-213. Type: <i>National Refereed</i>	2005

E Glickman, R Otterstetter, L Murray (2005) Evaluating physiological strain in males during acute cold exposure that have been fed varying dosages of aspirin. The American College of Sports Medicine 52 nd Annual Meeting, Nashville, TN, May 2005. Volume 37 (5), pp. S213. Type: <i>National Refereed</i>	2005
E Potkanowicz, R. Otterstetter, E Glickman (2005) Energy Substrate Preference in African Americans and Caucasian Males During 120-Minutes of Cold Water Immersion. The American College of Sports Medicine 52 nd Annual Meeting, Nashville, TN, May 2005, Volume 37 (5) pp. S213 Type: <i>National Refereed</i>	2005
W.W. Edwards, A.G. Nelson, FACSM, R. Day, J. Kokkonen, E. L. Glickman, T.C. Palfrey (2005) Effect of l-aspartate on power in intercollegiate athletes The American College of Sports Medicine 52 nd Annual Meeting, Nashville, TN, May 2005, Volume 37 (5) pp. S45 Type: <i>National Refereed</i>	2005
S. R. Muza, C.S. Fulco, M. Zupan, K. Kambis, P.B. Rock, L. Elliott, M. Tapia, M. Hannon, T. Payn, E. Glickman and A. Cymerman (2005) Carbohydrate Ingestion During Exercise At High Altitude Decreases Post-Exercise AMS Incidence And Severity. The 14 th International Hypoxia Symposium, Lake Louise, Alberta, Canada 22-27 February, 2005. Type: <i>International Refereed</i>	2005
CJ Baker-Fulco, CS Fulco, E Lammi, TJ Smith, SF Lewis, EL Glickman, M Kellogg (2004) Creatine supplementation does not affect voluntary muscle function during acute altitude exposure, Medicine and Science in Sport and Exercise 36 (5) S109. Type: National Refereed	2004
R. Otterstetter, E.S. Potkanowicz, C.M. Hearon, E.L. Glickman (2004) Thermal Sensation of Caucasians vs. African Americans During Immersion in 20 and 27°C for 120-minutes ACSM 2004 Medicine and Science in Sport and Exercise 36 (5) S130. Type: <i>National Refereed</i>	2004
E. L. Glickman FACSM, E. Potkanowicz, R. Otterstetter, N. Caine-Bish (2004) Evaluating Physiological Strain in Old vs. Young Males Using a Cold Strain Index. Medicine and Science in Sport and Exercise 36 (5) S130 Type: <i>National Refereed</i>	2004
E.S. Potkanowicz, R. Otterstetter, C.M. Hearon, E.L. Glickman (2004) The influence of ethnicity on thermoregulation during immersion in 20 and 27°C for 120 minutes Medicine and Science in Sport and Exercise 36 (5) S130. Type: <i>National Refereed</i>	2004
M. Blegen, C.C. Cheatham, N. Caine-Bish, and E.L. Glickman, (2004) The thermoregulatory responses to exercise of varying intensities in normoxic and hypoxic environments, Medicine and Science in Sport and Exercise 36 (5) S336. Type: <i>National Refereed</i>	2004
N. Caine-Bish, E.S. Potkanowicz, R. Otterstetter, M. Blegen, E.L.Glickman (2004) Hormonal Responses of Sleep Deprived Males and Females Exposed to 12°C for 180-min. Medicine and Science in Sport and Exercise 36 (5) S130-131. Type: <i>National Refereed</i>	2004
W.W. Edwards, A.G. Nelson, R. Day, J. Kokkonen, E. L. Glickman, T.C. Palfrey (2004) Arm-crank power in response to l-aspartate supplementation in females, Medicine and Science in Sport and Exercise 36 (5) S171.	2004

C.C. Cheatham, N. Caine, M. Blegen, E.S. Potkanowicz G.H. Kamimori, J.L. Marcinkiewicz, R. Otterstetter, E.L. Glickman (2004) The effects of nicotine on the metabolic and hormonal responses during acute cold exposure, Medicine and Science in Sport and Exercise 36 (5) S130. Type: <i>National Refereed</i>	2004
CS Fulco, M Zupan, M Hannon, T Payn, K Kambis, E Glickman, S Muza, PB Rock, L. Elliot, A Cymerman (2005). Living at moderate altitude does not reduce the potential for improvement in endurance performance at a higher elevation. The American College of Sports Medicine 52 nd Annual Meeting, Nashville, TN, May 2005, Volume 37 (5) pp. S 295-296. Type: <i>National Refereed</i>	2004
W.W. Edwards, A.G. Nelson, R. Day, J. Kokkonen, E. Glickman, FACSM, T.C. Palfrey (2003) Reliability of intra-subject blood [NH3] across three high-intensity exercise sessions, ACSM, 2003 San Francisco, CA. Medicine and Science in Sport and Exercise, 35(5), S344. Type: <i>National Refereed</i>	2003
A.G. Nelson, W.W. Edwards, R. Day, J. Kokkonen, and E. Glickman (2003) Blood [NH3] following high intensity arm cranking and varying doses of l-aspartate, ACSM, 2003 San Francisco, CA. Medicine and Science in Sport and Exercise, 35(5) S268. Type: <i>National Refereed</i>	2003
I. Guillory, AG Nelson, E Glickman (2003) The affect of an acute dosage of an antioxidant mixture upon fatigue during intermittent work. ACSM, 2003 San Francisco, CA, Medicine and Science in Sport and Exercise, 35(5), S145. Type: National Refereed	2003
E. S. Potkanowicz, N. Caine-Bish, R. Otterstetter, C.M. Hearon, E. Glickman (2003) Caloric expenditure and substrate utilization of young and old males during acute cold exposure. ACSM, 2003 San Francisco, CA, Medicine and Science in Sport and Exercise, 35(5) S25 Type: National Refereed	2003
W.W. Edwards, A.G. Nelson, R. Day, J. Kokkonen, E. Glickman, FACSM, T.C. Palfrey (2003) Reliability of intra-subject blood [NH3] across three high-intensity exercise sessions, ACSM, 2003 San Francisco, CA. Medicine and Science in Sport and Exercise, 35(5), S344. Type: <i>National Refereed</i>	2003
A.G. Nelson, W.W. Edwards, R. Day, J. Kokkonen, and E. Glickman (2003) Blood [NH3] following high intensity arm cranking and varying doses of l-aspartate, ACSM, 2003 San Francisco, CA. Medicine and Science in Sport and Exercise, 35(5) S268. Type: <i>National Refereed</i>	2003
M. Blegen, C.C. Cheatham, N. Caine, C. Woolverton, E. Glickman (2003) The immunological responses to exercise of varying intensities in normoxic and hypoxic environments, ACSM, 2003 San Francisco, CA. Medicine and Science in Sport and Exercise, 35(5), S380. Type: National Refereed	2003
R. Otterstetter, E. Potkanowicz, N. Caine-Bish, C. Cheatham, M. Blegen, E. Glickman (2003) Evaluating physiological strain during cold exposure in males and females using a new cold strain index. ACSM, 2003 San Francisco, CA, Medicine and Science in Sport and Exercise, 35(5) S25	2003

Type: National Refereed

Glickman E, CC Cheatham, N Caine, M Blegen (2002, July). The influence of ethnicity on the thermosensitivity during cold water immersion. International Conference on Environmental Systems, San Antonio, TX. Type: International Refereed	2002
Glickman E, N Caine, E Potkanowicz, C Cheatham, M Blegen, CM Hearon (2002, September). The effect of age and ethnicity on metabolism and carbohydrate utilization during acute cold exposure. International Conference on Environmental Ergonomics, Fukuoka, Japan. Type: International Refereed	2002
Potkanowicz E, N Caine, R Otterstetter, EL Glickman (2002l September). Thermal sensation of old vs young males at 12, 18, and 27°C for 120 minutes. International Conference on Environmental Ergonomics, Fukuoka, Japan. Type: International Refereed	2002
Caine N, ES Potkanowicz, M Blegen, R Oterstetter, M Kibbel, EL Glickman (2002, September). The effect of sleep deprivation on thermoregulation in males and females exposed to 12°C for 180 minutes. International Conference on Environmental Ergonomics, Fukuoka, Japan. Type: <i>International Refereed</i>	2002
Garrison T, AG Nelsen, E Glickman-Weiss, J Kokkonen (2000 July). Niacin ingestion speeds removal of ammonia following high intensity arm cranking. European College of Sports Sciences, Jyvaskyla, Finland. Type: International Refereed	2002
Glickman-Weiss EL, N Caine, CC Cheatham, M Blegen, ES Potkanowicz (2002) The effect of age on thermosenstivity during cold water immersion. ACSM 2002, St. Louis, MO. Type: <i>National Refereed</i>	2002
Potkanowicz ES, N Caine, R Otterstetter, EL Glickman (2002) Thermoregulatory responses of old vs. young males to 12, 18 and 27°C for 120 minutes. ACSM 2002, St. Louis, MO. Type: <i>National Refereed</i>	2002
Potkanowicz ES, N Caine, R Otterstetter, EL Glickman (2002) Thermoregulatory responses of old vs. young males to 12, 18 and 27°C for 120 minutes. ACSM 2002, St. Louis, MO. Type: <i>National Refereed</i>	2002
Malloy-McFall J, L Dochstader, R Otterstettter, L Lowery, T Ziegenfuss, N Caine. EL Glickman (2002) Effect of an herbal supplement on thermoregulatory, cardiovascular and metabolic responses during submaximal exercise. ACSM 2002, St. Louis, MO. Type: <i>National Refereed</i>	2002
Caine N, Potkanowicz ES, M Blegen. R Otterstetter, EL Glickman (2002) The effect of sleep deprivation on thermoregulation in young males exposed to 12°C. ACSM 2002, St. Louis, MO. Type: <i>National Refereed</i>	2002

Edwards WW, AG Nelson, R Day, J Kokkonen, E Glickman, A Ward, M Rosengreen, R Granat (2002) Arm-crank power in response to aspartame ingestion in intercollegiate water polo players. ACSM 2002, St. Louis, MO. Type: <i>National Refereed</i>	2002
Cheatham CC, N Caine, M Blegen, ES Potkanowicz EL Glickman (2001) The effects of nicotine on the thermoregulatory responses during acute cold exposure. ACSM, 2001, Baltimore, MD Type: <i>National Refereed</i>	
Glickman-Weiss EL, CC Cheatham, N Caine, M Blegen (2001) The influence of ethnicity on thermosensitivity during cold water immersion. ACSM 2001, Baltimore, MD Type: <i>National Refereed</i>	2001
Cheatham CC, N Caine, M Blegen, ES Potkanowicz EL Glickman (2002) The effects of nicotine on the cardiovascular responses during acute cold exposure. ACSM 2002, St. Louis, MO. Type: <i>National Refereed</i>	2001
Kokkonen J, AG Nelson, T Tarawhiti, P Buckingham, E Glickman-Weiss (2000) Stretching combined with weight training improves strength more than weight training alone. Medicine and Science in Sports and Exercise, 32 (5) S151. Type: <i>National Refereed</i>	2000
Nelson AG, E Glickman-Weiss, R Day, J Kokkonen, CM Hearon (2000) The relationship among heart rate variability and stroke volume variability upon cardiac output variability. Medicine and Science in Sports and Exercise,32 (5) S49. Type: <i>National Refereed</i>	2000
Glickman-Weiss EL, CC Cheatham, N Caine, M Blegen, J Marcinkiewicz (2000) The relation between a cold air tolerance test and thermosensitivity in males and females. Medicine and Science in Sports and Exercise, 32 (5) S 332. Type: <i>National Refereed</i>	2000
Hearon CM, JW Dooley, MD Fischer, E Glickman-Weiss (2000) Comparison of specific static vs. traditional Dynamic muscular conditioning on recovery from high +Gz performance. Medicine and Science in Sports and Exercise, 32 (5) S150. Type: <i>National Refereed</i>	2000
Prisby RD, AG Nelson, EL Glickman-Weiss (2000) The effects of a single dose of Vitamin C on cardiovascular endurance. Medicine and Science in Sports and Exercise, 32 (5) S60. Type: <i>National Refereed</i>	2000
Edwards WW, RL Day, AG Nelson, JE Tammela, EL Glickman-Weiss (2000) The effects of L-ARG and L-ORG ingestion on hepatic ammonia clearance following intense exercise. Medicine and Science in Sports and Exercise, 32 (5) S329. Type: <i>National Refereed</i>	2000
Glickman-Weiss E, CM Hearon, AG Nelson, R Prisby, N Caine (1998, October). The perceptual and physiological response of high and low fat women exposed to 5°C for 120 minutes. The Eighth International Conference of Environmental Ergonomics, San Diego, CA. Type: International Refereed	1998

Glickman-Weiss E, CM Hearon (1996). Does shivering thermogenesis enhance the individuals's ability to maintain rectal temperature during immersion in cold water? The Seventh International Conference on Environmental Ergonomics (ICEE), Jerusalem, Israel.

Type: International Refereed

Service	
Committee, American College of Sports Medicine (ACSM) Membership Committee	2000 - 2003
Type: National	
Committee, American College of Sports Medicine (ACSM)	2000 - 2002
Task Force on Education and Allied Health	
Type: National	
Coordinate, Mid-West ACSM	1999 - 1999
Coordinator CEC\'s	
Type: Regional	
Editorial Boards, Wilderness Medical Society	1998 - present
Editorial Review Board	
Type: National	
Member, Mid-West ACSM	1998 - present
Board of Trustees	
Type: Regional	
Coordinate, Mid-West ACSM	1997 - 1997
Coordinator CEC\'s	
Type: Regional	
Committee, American College of Sports Medicine (ACSM)	1997 - 1999
Co-Liasion Environmental Physiology Section	
Type: National	
Member, American College of Sports Medicine (ACSM)	1996 - 1996
ACSM \"Mentor \" Program	
Type: National	

Reviewer, American College of Sports Medicine

1995 - 1996

Abstract Reviewer, Environmental Physiology Section Manuscript Reviewer, Medicine and Science in Sport and Exercise

Type: National

Member, American College of Sports Medicine (ACSM)

American College of Sports Medicine, Fellow (FACSM)

Type: National

Member, American College of Sports Medicine (ACSM)

1984 - present

Type: National

Grants

PI, Faculty/Staff Exercise Program

2013 - 2014

To be able to establish a faculty / staff exercise program at Kent State University.

Collaboration with: E Glickman

Submitted: \$99,100.00 Status: Awarded

Awarded: \$99,100.00 (0 0) Human Resources - Service

Co-Investigator, BENEFITS OF AEROBIC EXERCISE ON COGNITIVE PERFORMANCE ON **OLDER ADULTS WITH PARKINSONS DISEASE**

2010 - 2010

STUDY OF EXERCISE PERFORMANCE ON PATIENCE WITH PARKINSON'S DISEASE BY VARYING THE UPPER AND LOWER EXTREMITIES

Collaboration with: RIDGEL, A

Status: Awarded Submitted: \$5,920.00

Awarded: \$5,920.00 (8 2010)

THE FOUNDATION FOR AGING - Applied Research

Co-Investigator, EFFECTS OF HIGH ALTITUDE ON PHYSICAL AND COGNITIVE **FUNCTIONING**

2009 - 2010

EFFECTS OF HYPOXIA ON PHYSIOLOGIC AND COGNITIVE PERFORMANCE

Collaboration with: GUNSTAD, J GLICKMAN E (CO-I)

Submitted: \$49,500.00 Status:

Awarded: \$49,500.00 (0 0) **OBR** - Applied Research

, The effects of physical activity and family intervention assessments on weight loss in severely obese African- American and Caucasian adolescent males and females

1999 - 1999

Collaboration with: Glickman-Weiss E, M. Blankemeyer, N. Caine

Awarded: \$9,640.00

, Influence of Gender, Age, and Ethnicity on Core Thermosensitivity and Responses to Cold

1997 - 2000

Collaboration with: Glickman-Weiss E

Awarded: \$136,881.00

0 - present

Collaboration with: Glickman-Weiss E: Co-Investigator with others in the Department of Kinesiology

Awarded: \$800,000.00

Departmental Enhancement Grant

1993 - present

, How do altering substrate availability and environmental extremes affect nitrogen 0 - present retention? Collaboration with: E Glickman-Weiss and AG Nelson, R Day Awarded: \$7,500.00 (01 1994) Brigham Young University, Division of Math and Science, Laie, HI , Ammonia production in trained and untrained individuals following intense incremental 0 - present exercise Collaboration with: E Glickman-Weiss, AG Nelson, R Day Awarded: \$7,500.00 (01 1995) Brigham Young University, Division of Math and Science, Laie, HI , Can a Strength Training Program Designed to Increase Respiratory Muscular Strength 0 - present **Enhance Respiratory Parameters in College Aged-Women?** Collaboration with: E Glickman-Weiss Awarded: \$6,500.00 (01 1995) **RAGS** 0 - 1996 , The effect of creatine loading on exercise performance in cardiac patients. Collaboration with: B. Sampson, Co-Investigators: AG Nelson, E Glickman-and R Day Awarded: \$2,200.00 Brigham Young University, Division of Math and Science, Laie, HI , The thermal and metabolic responses of an acute dosage of capsaicin and creatine 0 - present acute heat exposure Collaboration with: AG Nelson and E Glickman-Weiss and R Day Brigham Young University, Division of Math and Science, Laie, HI , Can a Strength Training Program Designed to Increase Respiratory Muscular Strength 0 - 1997 **Enhance Respiratory Parameters in College Aged-Women?** Collaboration with: E. Glickman-Weiss Submitted: \$6,500.00 Status: Not Funded **RAGS** 0 - 1997 , Summer Faculty Award/Grant Collaboration with: E. Glickman-Weiss United States Air Force Office of Scientific Research (AFOSR) 0 - 1996Collaboration with: E. Glickman-Weiss Submitted: \$17,500.00 Status: Not Funded United States Army Battelle Grant for Summer Faculty

cold water immersion

, The thermoregulatory and metabolic responses of high and low fat females to resting

0 - present

Collaboration with: Prisby R and E Glickman-Weiss

Awarded: \$1,000.00

, Does carnatine supplementation reduce NH3 accumulation during maximal exercise? 0 - 1998 Awarded: \$1,000.00 Brigham Young University, Division of Math and Science, Laie, HI , Influence of Gender, Age, and Ethnicity on Core Thermosensitivity and Responses to 0 - present Cold Awarded: \$2,500.00 (01 1998) **RAGS** , Influence of Gender, Age, and Ethnicity on Core Thermosensitivity and Responses to 0 - present Awarded: \$325.00 (01 1998) **RAGS** , The effects of cold acclimation on thermosensitivity, metabolic and hormonal responses 0 - 1999 during cold exposure. Collaboration with: Glickman-Weiss E and CC Cheatham Awarded: \$4,000.00 Wilderness and Environmental Medicine , To move HYPOXICO SYSTEM which was leased free of charge for 1-yr. to conduct 0 - present research in hypoxic-environments. Collaboration with: Glickman-Weiss E Awarded: \$800.00 **RAGS** , The effects on an herbal supplement on the thermoregulatory, cardiovascular and 0 - 1999metabolic responses to 12 and 27A°C for 120 minutes. Collaboration with: Glickman-Weiss E and L Lowery Awarded: \$14,000.00 (0 0) **Bodyonics** , The effect of ‽Adrenerlan' on the thermal and metabolic responses of college-aged 0 - 2000 males during exposure to the heat. Collaboration with: E. Glickman-Weiss, R Day and AG Nelson Awarded: \$1,000,00 Brigham Young University, Division of Math and Science, Laie, HI , The thermal, metabolic, cardiovascular and perceptual responses that occur during 0 - 2001 acclimation on a ranger squad while performing operations at altitude in Denali National **Park** Collaboration with: Glickman E, N Caine and G Rodway Awarded: \$3,500.00 **RAGS**

, The acute of acute cold exposure and sleep deprivation on the thermal and metabolic

responses of men and women.

0 - 2001

Collaboration with: N Caine and E Glickman

Awarded: \$4,000.00

Wilderness Medical Society

, Effect of an herbal supplement on thermoregulatory, cardiovascular and metabolic responses during submaximal exercise.

0 - present

Collaboration with: Malloy-McFall , EL Glickman

Awarded: \$3,500.00

RAGS

, The influence of ethnicity on thermoregulation during immersion in 20 and 27 ${\rm \^{A}}^{\circ}{\rm C}$ for 120 minutes

0 - 2004

Collaboration with: E.L. Glickman E.S. Potkanowicz

Awarded: \$2,500.00

RAGS

, Partnerships in transforming teaching and learning with technology. COMPETES (Challenge Obesity: Media Powered Experiences to Engage Students)

0 - 2004

Collaboration with: C Collier, MA Devine, E Glickman, M LaVine, M Parr, K Peer, K Newsham, T Walton

Awarded: \$12,000.00

Office of the Provost and Information Services Division, KSU

, Conduct Anaerobic Exercise Testing with the Biodex

0 - 2004

Collaboration with: E. Glickman, K. Peer, K. Newsham

Awarded: \$12,500.00

SportLegs

, The hematological and thermoregulatory responses of a high and low aspirin dosage in men following acute cold exposure.

0 - 2004

Collaboration with: E Glickman, L. Murray

Awarded: \$3,500.00

RAGS

, The effect of aspirin ingestion on the thermoregulatory and hematologic responses of African American and Caucasian males during and following acute cold exposure.

0 - 2004

Collaboration with: E Glickman and R Otterstetter

Awarded: \$61,761.00

2004 Research Challenge FY 05/06

, BioMEMS Hot Flash sensor Suite

0 - present

Collaboration with: A. Rood, J. Marcinkiewicz, E Glickman

Submitted: \$100.000.00 Status: Not Funded

Orbital Research Inc.

, Efficacy of Foot Cooling during exercise-heat stress. MOU with US Army Research Institute of Environmental Medicine.

0 - present

Collaboration with: E Glickman, R. Demes, S Montain, S Chevront

Submitted: \$60,000.00 Status: Not Funded

Ohio research Challenge Grant

, Efficacy of Foot Cooling during exercise-heat stress. MOU with US Army Research Institute of Environmental Medicine.

0 - present

Collaboration with: E Glickman, R. Demes

Awarded: \$3,500.00

RAGS

0 - present

Collaboration with: E Glickman, K Peer, K. Newsham, A Kraynak, L Sawyer, Bob Smith, Angie Ha, Greg Smith, Julian

Montoro Rodrguez, Lenora Sawyer, Dianne Kerr, Amy Thompson

Awarded: \$7,500.00 (0 0)

, Exercise testing, exercise prescription and exercise programming in the enhancement of physiologic and overall well being in the older adult. Oxford Roundtable, Oxford, England

0 - 2005

Collaboration with: E Glickman

Awarded: \$500.00

RAGS

, A wearable technology for biomechanical and physiological monitoring of activities of daily living.

0 - present

Collaboration with: A Rood, E Glickman

Awarded: \$8,000.00 (01 2007)

With Orbital Research Inc, submitted to NASA

, Effect of Sodium Chloride Ingestion and Sublingual Nifedipine on Core Body Temperature, Blood Pressure, and Oxygen Consumption, subcontract with Dr. Robert Blankfield (Cleveland Clinic Foundation, Research)

0 - present

Collaboration with: E Glickman

Awarded: \$4,000.00

, The effect of a dietary supplement on aerobic performance

0 - 2003

Collaboration with: E Glickman, R Otterstetter

Awarded: \$20,000.00 SportLegs Company

, Heart rate and cognitive function in the older adult.

0 - present

Collaboration with: E Glickman and J Gunstad

Awarded: \$50,000.00
Ohio Board of Regents

, The effect of cystine supplementation on physical performance.

0 - present

Collaboration with: E Glickman and N Caine-Bish

Awarded: \$50,000.00
Ohio Board of Regents

0 - 1995

Awarded: \$17,500.00

AFOSR: Summer Faculty Award

, The effect of cystine donor on exercise performance

0 - present

Collaboration with: E Glickman

Submitted: \$588,990.00 Status: Not Funded

Congressionally Developed Medical Research Program Grant (CDMRP)

0 - 1996

Collaboration with: E, Glickman-Weiss

Awarded: \$17,500.00

United States Air Force Office of Scientific Research (AFOSR), Summer Faculty Award/Grant

, Depression and Risk of Mortality among Patients in Cardiac Rehabilitation: The Roles of Physical Activity and Adherence to Exercise Rehabilitation

0 - 2004

Collaboration with: Hughes JW, EL Glickman, J Rosneck, D. Waechter, R. Josephson

Awarded: \$59,945.00

2003 Ohio Research Challenge FY 04/05