



College of Education, Health, & Human Services

www.ehhs.kent.edu

Ellen Glickman, Ph.D

Professor

HS

eglickma@kent.edu

Education

Ph.D., Exercise Physiology 1989

University of Pittsburgh

The influence of body composition on temperature regulation during immersion in 18, 22 and 26°C water for 120 minutes

MS.Ed., Exercise Physiology 1985

Queens College, City University of New York

B.A., American Studies/Honors 1983

William Smith College

Higher Education Work Experience

Professor 08/1995 - present

Kent State University

Assistant Professor promoted to Associate Professor 08/1989 - 08/1995

Louisiana State University

Other Professional Experience

Senior Research Associate 09/1988 - 07/1989

Western Psychiatric Institute and Clinic

Department of Psychophysiology

Publications

- J. Philip Karl, Harris R. Lieberman, Sonya JC Cable, Kelly W. Williams, Ellen L. Glickman, Andrew J Young, Ph.D, and James P McClung, Ph.D (2009) Poor Iron Status is not Associated with Overweight or Overfat in Non-Obese Pre-menopausal Women, *J. Am Coll Nutr* Feb; 28 (1) 37-42. 2009
 Publication: *Journal Articles, Refereed*
- Spitznagel, M.B., Updegraff, J., Pierce, K., Walter, K., Collinsworth, T., Glickman, E., Gunstad, J., (2009). Cognitive function during acute cold exposure with or without sleep deprivation lasting 53 h. *Aviat Space Environ Med.* 80:703-708. 2009
 Publication: *Journal Articles, Refereed*
- TJ Smith, MA Pikosky, A Grediagin, C Castaneda-Sceppa, **EL Glickman**, AJ Young (2009) Aerobic fitness level does not modulate protein in response to increased in exercise: a controlled study. *Nutrition and Metabolism.* Jun 16;6(1):28 2009
 Publication: *Journal Articles, Refereed*
- [Benitez A, Gunstad J, Hughes J, Glickman E, Alexander T, Spitznagel MB, Juvancic-Heltzel J, Murray L.](#) (2009) Troponin and S100 beta are associated with depression in healthy older adults *Aging Mental Health* 13(6) 894-8. 2009
 Publication: *Journal Articles, Refereed*
- Keary T, J Gunstad, D Neal, **E Glickman**, T Alexander, M Spitznagel, J Juvancic-Heltzel, (2008) Light to moderate alcohol consumption is associated with S100B and amyloid beta levels in healthy older adults. *Experimental Aging Research* 34(2) 101-113. 2008
 Publication: *Journal Articles, Refereed*
- Blankfield RP, Iftikhar I, **Glickman E**, Harris S (2008) Temperature and blood pressure after amlodipine overdose. *Wilderness and Environmental Medicine* 19 (1) 39-41 2008
 Publication: *Journal Articles, Refereed*
- Stanek K, Gunstad J, Leahey T, **Glickman E**, Alexander T, Spitznagel MB, Juvancic- Heltzel J, Murray L (2008) Serum derived neurotrophic facto is associated with reduced appetite in healthy older adults. *Journal of Nutrition Health and Aging*
 Publication: *Journal Articles, Refereed* 2008
- S Yadavalli, J Gunstad, **E Glickman**, T Alexander, M Spitznagel, J Juvancic-Heltzel, L Murray T Collinsworth (2008) Increased S 100 β is associated with reduced cognitive function in healthy older adults. *Neuropsychobiology*; 57(3) 121-125. 2008
 Publication: *Journal Articles, Refereed*
- Gunstad, J., Benitez, A., Smith, J., **Glickman, E.**, Spitznagel, MB, Alexander, T., Juvancic-Heltzel, J., & Murray, L. (2008). Serum-brain derived neurotrophic factor is associated with cognitive function in healthy older adults. *Journal of Geriatric Psychiatry and Neurology*, May 23. 2008
 Publication: *Journal Articles, Refereed*
- Pikosky MA, Smith TJ, Grediagin A, Castaneda-Sceppa C, Byerley L, **Glickman E**, Young AY (2008) Increased protein maintains nitrogen balance during exercise induced energy deficit *Med Sci Sports Exerc* 40(3) 505-12. 2008
 Publication: *Journal Articles, Refereed*

- Gunstad, J., Spitznagel, M., Keary, T.A., **Glickman, E.**, Alexander, T., Karrer, J., Stanek, K., Reese, L., & Juvancic-Heltzel, J. (2008). Serum leptin levels are associated with cognitive function in older adults. *Brain Research*, 21 July. 2008
Publication: *Journal Articles, Refereed*
- Gunstad, J., Spitznagel, M., Keary, T.A., **Glickman, E.**, Alexander, T., Karrer, J., Stanek, K., Reese, L., & Juvancic-Heltzel, J. (2008). Serum leptin levels are associated with cognitive function in older adults. *Brain Research*, 21 July. 2008
Publication: *Journal Articles, Refereed*
- Gary H. Kamimori , Edward John Ryan, Ronald Otterstetter, Jacob Edward Barkley, Ellen Lisa Glickman and Harry Quiqq Davis (2009) Catecholamine Response to Hypoxia-Induced Acute Mountain Sickness. *Aviation Science and Environmental Medicine*; 80(4) 376-80 2008
Publication: *Journal Articles, Refereed*
- Farnell GF, K Pierce, T Collinsworth, L Murray, R Demes, J Juvancic Heltzel, **E Glickman** (2008) The influence of ethnicity on thermoregulation following acute cold exposure. *Wilderness and Environmental Medicine Winter*;19(4):238-44. 2008
Publication: *Journal Articles, Refereed*
- Blegen MC, , M., C. Cheatham, N. Caine, C. Woolverton, and **E. Glickman**. (2008) The immunological responses to exercise of varying intensities in normoxic and hypoxic environments *Journal of Strength and Conditioning Research* 14 August 2008
Publication: *Journal Articles, Refereed*
- Fulco CS, Muza SR, Beidleman B, Jones J, Lammi E, Staab JB, Rock PB, Kambis K, **Glickman E** Doan DK, Zupan MF, Cymerman A (2008) Living for six days at 2200 m improves prolonged time-trial performance of sea level residents exposed to 4300 m TMD Division of US Army Research Institute of Environmental Medicine Technical Report No. T08/04, February 2008 ADA 479 376. 2008
Publication: *Other*
- Leahey, T., Myers, T., Gunstad, J., **Glickman, E.**, Spitznagel, M., Alexander, T., & Juvancic-Heltzel, J. (2007). AB40 is associated with cognitive function, body fat, and physical fitness in healthy older adults. *Nutritional Neuroscience*. 10(5-6) 205-209. 2007
Publication: *Journal Articles, Refereed*
- K Rarick, M Pikosky, A Grediagin, T Smith, **E Glickman**, J Alemany, J Staab, AJ Young, B Nindl (2007) Energy flux more so than energy balance, protein intake, or fitness level influences insulin like growth factor 1 system responses during seven days of increased physical activity. *Journal of Applied Physiology*, November 103 (5) 1613-21. 2007
Publication: *Journal Articles, Refereed*
- Fulco CS, M Zupan, S Muza, PB Rock, K Kambis, T Payn, M Hannon E Glickman, A Cymerman (2006) Carbohydrate supplementation and endurance performance of moderate altitude residents at 4300 m. *Int J. Sports Medicine*. 2006
Publication: *Journal Articles, Refereed*
- Cheatham CC, N Caine-Bish, M Blegen, ES Potkanowicz, GH Kamimori, JL Marcinkiewicz, RO Otterstetter, M Kalinski, EL Glickman (2006) The effects of nicotine on the metabolic and hormonal responses during acute cold exposure. *Wilderness and Environmental Medicine* 17(3) 147-157. 2006
Publication: *Journal Articles, Refereed*

- Fulco CJ, CS Fulco, MD Kellogg, E Glickman, AJ Young (2006) Voluntary muscle function after creatine supplementation in acute hypobaric hypoxia. *Medicine in Science and Sports in Exercise* 38(8) 1418-1424. 2006
Publication: *Journal Articles, Refereed*
- Castellani J, AJ Young, M Ducharme, G Giesbiecht, E Glickman, R Sallis (2006) The American College of Sports Medicine Position Stand on Exercise in The Cold; *Medicine in Science and Sports in Exercise* 38(11) 2012-29. 2006
Publication: *Journal Articles, Refereed*
- J Castellani, AJ Young, M Ducharme, G Giesbiecht, **E Glickman**, R Sallis (2006) The American College of Sports Medicine Position Stand on Exercise in The Cold; *Medicine in Science and Sports in Exercise* 38 (11) 2012-29. 2006
Publication: *Journal Articles, Refereed*
- Beidleman B, J Staab, E Glickman (2005) "Neurohumoral Mechanisms in Altitude's Exercise Responses and Adaptations", Chapter 30, pp. 444-465. In *The Endocrine System in Sports and Exercise Olympic Encyclopedia of Sports Medicine XI*, Blackwell Publishing Company. 2005
Publication: *Journal Articles, Refereed*
- Fulco CS, M Zupan, T Payne, M Hannon, K Kambis, E Glickman, S Muza, PB Rock, L Elliot, J Staab, M Tapia, D Rufolo, BA Beidleman, A Cymerman (2005) Endurance performance of moderate altitude residents during initial exposure to a 4300 m, with and without carbohydrate supplementation. *Thermal and Mountain Medicine*, March 2005, US Army Research Institute of Environmental Medicine Technical Report No.T05/05. 2005
Publication: *Journal Articles, Refereed*
- Caine-Bish N, ES Potkanowicz, R Otterstetter, G Kammimori, J Marcinkiewicz, EL Glickman (2005) Hormonal responses of sleep deprivation during acute cold exposure. *Wilderness and Environmental Medicine*, pp. 177-184. 2005
Publication: *Journal Articles, Refereed*
- Cheatham CC, N Caine-Bish, M Blegen, Potkanowicz ES, E Glickman (2004) Nicotine effects on thermoregulatory responses of men and women during acute cold exposure. *Aviation Space and Environmental Medicine*.75:589-595. 2004
Publication: *Journal Articles, Refereed*
- Caine-Bish N, ES Potkanowicz, R Otterstetter, EL Glickman (2004) Thermal and metabolic responses of sleep deprived males and females during acute cold exposure. *Aviation Space and Environmental Medicine*.75(11) 964-8. 2004
Publication: *Journal Articles, Refereed*
- Potkanowicz ES , N Caine-Bish, R Otterstetter, EL Glickman (2003) Age effects on thermal, metabolic and perceptual to acute cold exposure. *Aviat. Space and Environ. Med.* 74: 1157-62. 2003
Publication: *Journal Articles, Refereed*
- Glickman EL, N Caine, CC Cheatham, M Blegen, E Potkanowicz (2002) The influence of age on thermosensitivity during cold water immersion. *Wilderness and Environmental Medicine*, 194-202. 2002
Publication: *Journal Articles, Refereed*

- Glickman EL, CC Cheatham, N Caine, M Blegen (2001) The influence of ethnicity on thermosensitivity during cold water immersion. *Aviation Space and Environmental Medicine*,72: 632-637. 2001
 Publication: *Journal Articles, Refereed*
- Kalinski M, H Kang, MS Kerner, E Glickman-Weiss (2001) Effect of exhaustive endurance exercise on cardiac catecholamine metabolism in transgenic mice. *Medicina Sportiva* (5) E 37-42. 2001
 Publication: *Journal Articles, Refereed*
- Glickman-Weiss EL, CC Cheatham, N Caine, M Blegen, J Marcinkiewicz, and T Scharschmidt (2000) The influence of gender and menstrual phase on substrate utilization during cold water immersion. *Wilderness and Environmental Medicine* 11: 5-11. 2000
 Publication: *Journal Articles, Refereed*
- Glickman-Weiss EL, CC Cheatham, N Caine, M Blegen, J Marcinkiewicz, KD Mittleman (2000) The influence of gender and menstrual phase on thermosensitivity during cold water immersion. *Aviation Space and Environmental Medicine*, 71 (7) 715-722. 2000
 Publication: *Journal Articles, Refereed*
- Nelson AG, R Day, EL Glickman-Weiss, M Hegsted, L Kokkonen, B Sampson. (2000) Creatine supplementation alters the response to a graded cycle ergometer test. *European Journal of Applied Physiology* 83:89-94. 2000
 Publication: *Journal Articles, Refereed*
- Prisby R, EL Glickman-Weiss, N Caine (2000) Thermal perception and substrate utilization among low and high fat women exposed to 17°C water. *Wilderness and Environmental Medicine*. 11(3) 157-163. 2000
 Publication: *Journal Articles, Refereed*
- Nelson AG, E Glickman-Weiss, R Day (2000) The effect of capsaicin on the thermal and metabolic responses of males exposed to 38°C for 120-minutes. *Wilderness and Environmental Medicine*. 11(3) 152-157. 2000
 Publication: *Journal Articles, Refereed*
- 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. *Undersea and Hyperbaric Medicine*, 27(2) 75-81. 2000
 Publication: *Journal Articles, Refereed*
- Glickman-Weiss EL, CM Hearon, AG Nelson, R Prisby, N Caine (1999) Thermal and metabolic responses of high and low fat women during exposure to 5 and 27°C for 120 minutes. *Aviation Space and Environmental Medicine* 70:3, 284-288. 1999
 Publication: *Journal Articles, Refereed*
- Prisby R, EL Glickman-Weiss, AG Nelson, N Caine (1999) Thermal and metabolic responses of high and low fat women to cold water immersion *Aviation Space and Environmental Medicine* 70(9)887-91. 1999
 Publication: *Journal Articles, Refereed*
- Dunbar CC, E Glickman-Weiss, A Diego, B Bursztyn, M Kurtich, A Quiroz, P Conley (1998) A sub-maximal treadmill test for developing target ratings of perceived exertion for outpatient cardiac rehabilitation. *Perceptual Motor Skills and Psychological Reports*. 87,755-759. 1998

Publication: *Journal Articles, Refereed*

Glickman-Weiss EL, CM Hearon and AG Nelson (1998) Does capsaicin affect physiological and thermal responses of males during immersion 22Å°C water? *Aviation Space and Environmental Medicine*. 69: 11: 1095-1099. 1998

Publication: *Journal Articles, Refereed*

Glickman-Weiss EL, AG Nelson, CM Hearon, R Prisby, N Caine (1998) The perceptual and physiological response of high and low fat women to 5Å°C air for 120 min. *Wilderness and Environ Med* 9, 204-210. 1998

Publication: *Journal Articles, Refereed*

Glickman-Weiss EL, CM Hearon and AG Nelson (1997) Does shivering enhance the individual's ability to maintain rectal temperature during immersion in cold water ? *Wilderness and Environmental Medicine* 8 (1) 3-7. 1997

Publication: *Journal Articles, Refereed*

Glickman-Weiss EL, AG Nelson, CM Hearon and R Day (1997) Does capsaicin affect the thermal sensation of males during immersion in 18 and 22Å°C ? *Wilderness and Environmental Medicine*. 8, 134-137. 1997

Publication: *Journal Articles, Refereed*

Glickman-Weiss EL, AG Nelson, CM Hearon, J Kime (1996) The relationship between thermoregulatory parameters and DEXA estimated regional fat. *Wilderness and Environmental Medicine* 1: 19-27. 1996

Publication: *Journal Articles, Refereed*

Dunbar C, EL Glickman-Weiss, W Edwards, P Conley, A Quiroz (1996) Three point method for prescribing exercise with ratings of perceived exertion is valid for cardiac patients. *Perceptual Motor Skills and Psychological Reports*, 83: 384-386. 1996

Publication: *Journal Articles, Refereed*

Glickman-Weiss EL, M Hegsted, AG Nelson, CM Hearon, CC Dunbar, R Tulley (1995) A comparison of a carbohydrate-electrolyte beverage in maintaining thermoregulatory and blood homeostasis during the training of fire fighters. *Wilderness and Environmental Medicine* 6: 377-384. 1995

Publication: *Journal Articles, Refereed*

Glickman-Weiss EL, AG Nelson, CM Hearon (1995) Influence of cold water immersion on heat debt and substrate utilization in males varying in body composition: a retrospective analysis. *Wilderness and Environmental Medicine* 6: 295-303. 1995

Publication: *Journal Articles, Refereed*

Glickman-Weiss EL, AG Nelson, CM Hearon (1995) Effect of body composition on metabolic responses to carbohydrate feeding in males during exposure to 8,12 and 27Å°C. *Wilderness and Environmental Med*. 6: 173-182. 1995

Publication: *Journal Articles, Refereed*

Glickman-Weiss EL, AG Nelson, RJ Robertson, CM Hearon (1994) A thermal perception scale for use during resting cold exposure. *Perceptual and Motor Skills and Psychological Reports*, 79: 547-560. 1994

Publication: *Journal Articles, Refereed*

- Glickman-Weiss EL, AG Nelson, CM Hearon, Windhauser M, Heltz D (1994) Thermogenic effect of feeding regime during exposure to 8,12 and 27Å°C? *European Journal of Applied Physiology*, 68:291-297. 1994
 Publication: *Journal Articles, Refereed*
- Glickman-Weiss EL, AG Nelson, CM Hearon (1993) Are plasma beta-endorphins and thermoregulation during cold water immersion related? *Undersea and Biomedical Research* 20(3) 205-213. 1993
 Publication: *Journal Articles, Refereed*
- Glickman-Weiss EL, AG Nelson, CM Hearon, SR Vasanthakumar, B Stringer, S Shulman (1993) Does feeding regime affect thermal and metabolic responses during exposure to 8, 20 and 27Å°C? *European Journal of Applied Physiology* 67 (1) 30-34. 1993
 Publication: *Journal Articles, Refereed*
- Glickman-Weiss EL, AG Nelson, C Hearon, FL Goss, RJ Robertson (1993) Effect of body morphology and mass on thermal responses to cold water: revisited. *European Journal of Applied Physiology* 66(4): 299-303. 1993
 Publication: *Journal Articles, Refereed*
- Edwards W, E Glickman-Weiss, BD Franks, Y Iyriboz, S Dodd, T Quaid (1993) Percutaneous transluminal coronary angioplasty: A cost effective analysis. *J Cardiopulmonary Rehab* 13(3)172-181. 1993
 Publication: *Journal Articles, Refereed*
- Kamarck TW, JR Jennings, TT Debski, E Glickman-Weiss, PS Johnson, MJ Eddy, S Manuck (1992) Reliable measures of behaviorally evoked cardiovascular reactivity from a PC-based test battery: Results from student and community samples. *Journal of Psychophysiology* 29(1) 17-28. 1992
 Publication: *Journal Articles, Refereed*
- Glickman-Weiss EL, FL Goss, RJ Robertson, KF Metz, D Cassinelli (1991) Physiological and thermal responses of high and low fat men during 120 minutes of immersion in cold water. *Aviation Space and Environmental Medicine* 62: 1063-1067. 1991
 Publication: *Journal Articles, Refereed*
- Toner MM, EL Glickman, and WD Mc Ardle (1990) Cardiovascular adjustments distributed between the upper and lower body. *Medicine and Science in Sport and Exercise* 22(6) 773-778. 1990
 Publication: *Journal Articles, Refereed*
- Goss FL, RJ Robertson, TE Auble, DA Cassinelli, RJ Spina, EL Glickman, RW Galbreath and KF Metz (1990) Aerobic metabolic requirements of simulated cross-country skiing. *Ergonomics*. 32(12) 1573-1579. 1990
 Publication: *Journal Articles, Refereed*
- Robertson RJ, FL Goss, TE Auble, DA Cassinelli, RJ Spina, EL Glickman, RW Galbreath, RM Silberman, and KF Metz (1990) Cross-modal exercise prescription at absolute and relative oxygen uptake using perceived exertion. *Medicine and Science in Sport and Exercise* 22(5), 653-659. 1990
 Publication: *Journal Articles, Refereed*

Goss FL, RJ Robertson, TE Auble, DA Cassinelli, RJ Spina, EL Glickman, RW Galbreath, RM Silberman and KF Metz (1988) Are Treadmill Based Exercise Prescriptions Generalizable to Combined Arm and Leg Exercise? *Journal of Cardiopulmonary Rehabilitation* 7(11) 987, 1551-1555.
 Publication: *Journal Articles, Refereed* 1988

Presentations

Glickman, E (2006, August). Exercise testing, exercise prescription and exercise programming in the enhancement of physiologic and overall well being in the older adult. Oxford Roundtable, Oxford, England. 2006

Type: *International 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. 2002

Type: *International Refereed*

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. 2002

Type: *International Refereed*

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. 2002

Type: *International Refereed*

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. 2002

Type: *International Refereed*

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. 2002

Type: *International Refereed*

Pichette S, P Senders, E Glickman-Weiss, N Caine, I Dietz (2000, February). The effectiveness of a pilot multidisciplinary outpatient pediatric weight management program in improving selected clinical outcomes after a 10-week intervention program. Ohio Dieticians Association Meeting, Cleveland, OH. 2000

Type:

Scharschmidt T, E Glickman-Weiss (1999, April). The effects of gender and menstrual phase on carbohydrate utilization during cold air exposure. 108th Annual Meeting of the Ohio Academy of Science, Cleveland State University, Cleveland, OH. 1999

Type:

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. 1998

Type: *International Refereed*

MWACSM 1997: Tutorial with CC Dunbar on Ratings of Perceived Exertion for Exercise Prescription. 1997

Type:

Midwest ACSM (MWACSM) 1997: Environmental Physiology Symposium. 1997

Type:

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

Type: *International Refereed*

SEACSM 1992: Aerobic metabolic requirements of the firefighter instructor. 1992

Type:

Southeast American College of Sports Medicine (SEACSM) 1992: A comparison of formulas to determine mean skin temperature during prolonged cold water immersion. 1992

Type:

Service

Committee, American College of Sports Medicine (ACSM) 2000 - 2003

Membership Committee

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) <i>Co-Liasion Environmental Physiology Section</i> Type: <i>National</i>	1997 - 1999
Member, American College of Sports Medicine (ACSM) <i>ACSM \ "Mentor \ " Program</i> Type: <i>National</i>	1996 - 1996
Reviewer, American College of Sports Medicine <i>Abstract Reviewer, Environmental Physiology Section Manuscript Reviewer, Medicine and Science in Sport and Exercise</i> Type: <i>National</i>	1995 - 1996
Member, American College of Sports Medicine (ACSM) <i>American College of Sports Medicine, Fellow (FACSM)</i> Type: <i>National</i>	1993 - present
Member, American College of Sports Medicine (ACSM) Type: <i>National</i>	1984 - present

Grants

, The effects of physical activity and family intervention assessments on weight loss in severely obese African- American and Caucasian adolescent males and females Collaboration with: Glickman-Weiss E, M. Blankemeyer, N. Caine Awarded: \$9,640.00	1999 - 1999
, Influence of Gender, Age, and Ethnicity on Core Thermosensitivity and Responses to Cold Collaboration with: Glickman-Weiss E Awarded: \$136,881.00	1997 - 2000
, Collaboration with: Glickman-Weiss E: Co-Investigator with others in the Department of Kinesiology Awarded: \$800,000.00 Departmental Enhancement Grant	0 - present
, How do altering substrate availability and environmental extremes affect nitrogen 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	0 - present
, Ammonia production in trained and untrained individuals following intense incremental exercise	0 - present

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 Enhance Respiratory Parameters in College Aged-Women? 0 - present

Collaboration with: E Glickman-Weiss
Awarded: \$6,500.00 (01 1995)
RAGS

, The effect of creatine loading on exercise performance in cardiac patients. 0 - 1996

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 acute heat exposure 0 - present

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 Enhance Respiratory Parameters in College Aged-Women? 0 - 1997

Collaboration with: E. Glickman-Weiss
Submitted: \$6,500.00 Status: Not Funded
RAGS

, Summer Faculty Award/Grant 0 - 1997

Collaboration with: E. Glickman-Weiss
United States Air Force Office of Scientific Research (AFOSR)

, 0 - 1996

Collaboration with: E. Glickman-Weiss
Submitted: \$17,500.00 Status: Not Funded
United States Army Battelle Grant for Summer Faculty

, The thermoregulatory and metabolic responses of high and low fat females to resting cold water immersion 0 - present

Collaboration with: Prisby R and E Glickman-Weiss
Awarded: \$1,000.00
Ohio Association for Health Physical Education & Dance

, 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 Cold 0 - present

Awarded: \$2,500.00 (01 1998)

RAGS

, Influence of Gender, Age, and Ethnicity on Core Thermosensitivity and Responses to Cold 0 - present

Awarded: \$325.00 (01 1998)

RAGS

, The effects of cold acclimation on thermosensitivity, metabolic and hormonal responses during cold exposure. 0 - 1999

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 research in hypoxic-environments. 0 - present

Collaboration with: Glickman-Weiss E

Awarded: \$800.00

RAGS

, The effects on an herbal supplement on the thermoregulatory, cardiovascular and metabolic responses to 12 and 27°C for 120 minutes. 0 - 1999

Collaboration with: Glickman-Weiss E and L Lowery

Awarded: \$14,000.00

Bodyonics

, The effect of Adrenerlanâ on the thermal and metabolic responses of college-aged males during exposure to the heat. 0 - 2000

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 acclimation on a ranger squad while performing operations at altitude in Denali National Park 0 - 2001

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

<p>, The influence of ethnicity on thermoregulation during immersion in 20 and 27°C for 120 minutes</p> <p>Collaboration with: E.L. Glickman E.S. Potkanowicz</p> <p>Awarded: \$2,500.00</p> <p>RAGS</p>	<p>0 - 2004</p>
<p>, Partnerships in transforming teaching and learning with technology. COMPETES (Challenge Obesity: Media Powered Experiences to Engage Students)</p> <p>Collaboration with: C Collier, MA Devine, E Glickman, M LaVine, M Parr, K Peer, K Newsham, T Walton</p> <p>Awarded: \$12,000.00</p> <p>Office of the Provost and Information Services Division, KSU</p>	<p>0 - 2004</p>
<p>, Conduct Anaerobic Exercise Testing with the Biodex</p> <p>Collaboration with: E. Glickman, K. Peer, K. Newsham</p> <p>Awarded: \$12,500.00</p> <p>SportLegs</p>	<p>0 - 2004</p>
<p>, The hematological and thermoregulatory responses of a high and low aspirin dosage in men following acute cold exposure.</p> <p>Collaboration with: E Glickman, L. Murray</p> <p>Awarded: \$3,500.00</p> <p>RAGS</p>	<p>0 - 2004</p>
<p>, The effect of aspirin ingestion on the thermoregulatory and hematologic responses of African American and Caucasian males during and following acute cold exposure.</p> <p>Collaboration with: E Glickman and R Otterstetter</p> <p>Awarded: \$61,761.00</p> <p>2004 Research Challenge FY 05/06</p>	<p>0 - 2004</p>
<p>, BioMEMS Hot Flash sensor Suite</p> <p>Collaboration with: A. Rood, J. Marcinkiewicz, E Glickman</p> <p>Submitted: \$100,000.00</p> <p>Orbital Research Inc.</p>	<p>0 - present</p> <p>Status: Not Funded</p>
<p>, Efficacy of Foot Cooling during exercise-heat stress. MOU with US Army Research Institute of Environmental Medicine.</p> <p>Collaboration with: E Glickman, R. Demes, S Montain, S Chevront</p> <p>Submitted: \$60,000.00</p> <p>Ohio research Challenge Grant</p>	<p>0 - present</p> <p>Status: Not Funded</p>
<p>, Efficacy of Foot Cooling during exercise-heat stress. MOU with US Army Research Institute of Environmental Medicine.</p> <p>Collaboration with: E Glickman, R. Demes</p> <p>Awarded: \$3,500.00</p> <p>RAGS</p>	<p>0 - present</p>

- , "Center for Study of Lifespan, Health and Human performance" application to the Graduate College of Education, Health and Human Services** **0 - present**
 Collaboration with: E Glickman, K Peer, K. Newsham, A Kraynak, L Sawyer, Bob Smith, Angie Ha, Greg Smith, Julian Montoro Rodriguez, Lenora Sawyer, Dianne Kerr, Amy Thompson
 Awarded: \$7,500.00
- , 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
- , Armstrong Laboratory: Division of Crew Technology (AL/CFTF) - Comparative Effects of Dynamic and Static Strength Training on +Gz tolerance - focal point: Lt Col Jim Dooley, Ph.D. (Chief, AL/CFTF).** **0 - 1995**
 Collaboration with: E, Glickman-Weiss
 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)

, Armstrong Laboratory: Division of Crew Technology (AL/CFTF) focal point: Lt Col Jim Dooley, Ph.D: âCan a Strength Training Program Designed to Increase Respiratory Muscular Strength Enhance Respiratory Parameters in Pilotsâ

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



EXCELLENCE in Action