
B. SUE GRAVES, ED. D.

I. PERSONAL DATA

Office

Department of Exercise Science and Health Promotion
Florida Atlantic University
777 Glades Road, Behavioral Sciences Building, Room 320
Boca Raton, Florida 33431
Office Telephone/Fax: (561) 297-3186; (561) 297-2839
E-mail: sgraves@fau.edu

EDUCATION EXPERIENCE

Ed.D. University of North Carolina, Greensboro. (Exercise Physiology & Biomechanics).
Dissertation topic: Physiological response of female sport divers to exercise during treadmill and underwater workouts.

M.S.E. Henderson State University, Arkadelphia, Arkansas. (Physical Education)

B.S.E. Henderson State University, Arkadelphia, Arkansas, (Physical Education and Math)

EMPLOYMENT EXPERIENCE

Florida Atlantic University Department of Exercise Science and Health Promotion.

- Department Chair. Davie and Boca Campus. (2007 to 2013).
- Interim Department Chair. Davie Campus. (August 2006 to 2007)
- Associate Professor. Tenured/Promoted. (August 2003-present).
- Assistant Professor. Tenure Track. Davie Campus. (1997-2003).
- Visiting Assistant Professor. Davie Campus. (1995-1997).

Adjunct Faculty. Health, Physical Education, Recreation and Dance Department. Broward Community College-South Campus, Pembroke Pines, Florida. (January 1990 to May 1995)

Research and Teaching Graduate Assistant. University of North Carolina-Greensboro. (1980-1983)

Physical Education, Math Teacher and Coach. Guilford County Public Schools, Greensboro, North Carolina. (1978-1980)

Adjunct Faculty. Physical Education Department. Tarrant County Junior College, Hurst, Texas. (1976)

Math Teacher and Coach. Dallas County Public Schools, Texas. (1975-1977).

Math Teacher. Rison Public Schools, Arkansas. (Spring 1975)

Graduate Teaching Assistant. North Texas State University, Denton, Texas. (Fall 1974)

Physical Education Teacher and Tennis Coach. El Dorado Public Schools, Arkansas. (1972-1973)

Research and Graduate Teaching Assistant. Henderson State University, Arkadelphia, Arkansas. (1971-1972)

Physical Education/Math Teacher and Coach. Magnet Cove High School, Arkansas. (1969-1971)

II. RESEARCH AND SCHOLARLY ACTIVITIES

Refereed Journal Articles

Under review/submission process: none

Published/Accepted:

1. Sanghvi, H., Gupta, S., Pandya, A., Danesh, A., **Graves, B. S.** Moxam, J. (May 13, 2025). Artificial Intelligence-driven telehealth framework for detecting nystagmus. *Engineering Research Express*. DOI: [10.7759/cureus.84036](https://doi.org/10.7759/cureus.84036)
2. Ingolia, S. and **Graves, B. S.** (January 2025). Exercise strategies for Parkinson Disease management. *Strength and Conditioning Journal*. (): 10.1519. DOI: [10.1519/SSC.0000000000000887](https://doi.org/10.1519/SSC.0000000000000887)
3. **Graves, B. S.**, Patel, M., Newgent, H., Parvathy, G. Nasri, A., Moxam, J., Gill, G. S., Sawhney, V., Gupta, M., Chronic fatigue syndrome: Diagnosis, treatment, and future direction. (2024). *Cureus 16*(10). doi: [10.7759/cureus.70616](https://doi.org/10.7759/cureus.70616).
4. **Graves, B. S.** and Ahamadabadi, F. (2023). Older Adults: Comparing Traditional Exercise to Interactive Technology Training, *Physical & Occupational Therapy in Geriatrics*, DOI: [10.1080/02703181.2023.2284188](https://doi.org/10.1080/02703181.2023.2284188)
5. Pandya, A. S., Castillo, M., Hashemi, J., Gupta, M., **Graves, B. S.**, & Sanghvi, H. A. (2023, July). A 3D-Based Novel Framework Using Artificial Intelligence and Augmented Reality for Biomechanical Analysis: An Experimental Study. *2023 IEEE World Conference on Applied Intelligence and Computing (AIC)*. Sonbhadra, India, 2023 pp. 92-98. doi: [10.1109/AIC57670.2023.10263938](https://doi.org/10.1109/AIC57670.2023.10263938)
6. Ahmadabadi, F. Azizi, S., Saghebjoo, M., Mohito-Ardakani, Graves, B. S. (2023). Combination of aerobic exercise training and berberine attenuate kidney cachexia in diabetic rats by increasing the bcl-2/bax ratio, *International Journal of Exercise Science Conference Proceedings*, 16(2). <https://digitalcommons.wku.edu/ijesab/vol16/iss2/4>.
7. Sanghvi, H.A., Patel, R.H., Danesh, A., **Graves, B.S.**, Hashemi, J., and Pandya, A.S. (August 2022). A novel game application on augmented reality for people with disabilities, *International Research Journal of Modernization in Engineering Technology and Science*, 4, 8:842-847. DOI: [10.56726/irjmets29271](https://doi.org/10.56726/irjmets29271)
8. Davis. E., Patel. R.H., **Graves, B.S.**, Sawneya, V., Gupta, M., Pandya, A.S. (June 2022). A Novel Framework for Analysis of Lower Limb Movements: Integration of Augmented Reality and Sensor-based Systems. *Sports Injuries and Medicine 6*:2, 183-194. DOI: [10.29011/2576-9596.100183](https://doi.org/10.29011/2576-9596.100183)
9. Raval, A., **Graves, B. S.**, Patel, R., Pandya, A. (August 2022). Integrative yoga therapy for mental health. *Journal of Yoga, Physical Therapy and Rehabilitation 7*:1086. DOI: <https://doi.org/10.29011/2577-0756.001086>

10. **Graves, B. S.**, Hall, M., Dias-Karch, C., Haischer, M. and Apter, C. (August 2021). Gender differences in coping and perceived stress among college students: A cross-sectional study. *PlosOne* 16(8):e0255634, DOI: [10.1371/journal.pone.0255634](https://doi.org/10.1371/journal.pone.0255634)
11. **Graves, B. S.** and Kame, S. (February 2021). Chronic fatigue syndrome. *WSEAS Transactions on Biology and Biomedicine*, 18(2):18-23. DOI: 10.37394/23208.2021.18.2
12. Armitage, B. and **B.S. Graves.** (April 2021). Evaluation of common concussion tools used in a sport's setting. *WSEAS Transactions on Biology and Biomedicine*, 18 (5): 43-50. DOI: 10.37394/23208.2021.18.5
13. Graves, B.S., Wieslthier, L, Poole, S. and Kame, S. (2019). The validity and reliability of game-based exercise on fall-risk assessment, balance, and muscular performance. Proceedings from the First Annual Society for NeuroSports Conference, Article 1, *NeuroSports I*(1):19.
14. Kuehne, T.E., Yitzchaki, N., Jessee, M.B., **Graves, B. S.**, and Buckner, S.L. (December 2019). A comparison of acute changes in muscle thickness between A-mode and B-mode ultrasound. *Physiological Measurement* 40(11). DOI: 10.1088/1361-6579/ab4f14
15. **Graves, B. S.** (2017). University football players, postural stability, and concussions. *Journal of Strength and Conditioning Research*, 30 (2), 579-583. DOI: 10.1519/JSC.0000000000001124.
16. Klemp, A., Dolan, C., Quiles, J., Blanco, R., Zoeller, R. F., **Graves, B. S.**, and Zourdos, M. (2016). Volume-Equated High and Low Repetition Daily Undulating Programming Strategies Produce Similar Hypertrophy and Strength Adaptations. *Applied Physiology, Nutrition, and Metabolism*, 41:17:699-705. DOI: [10.1139/apnm-2015-0707](https://doi.org/10.1139/apnm-2015-0707)
17. Brazendale, K., **Graves, B.S.**, Penhollow, T., Whitehurst, M., Pittinger, E., & Randel, A. B. (2015). Children's enjoyment and perceived competence in physical education and its effects on their physical activity participation outside of school. *Emotional & Behavioral Disorders in Youth*, 15(3), pp. 65-69.
18. Pittinger, Elizabeth S. and **Graves, B. Sue.** (December 2014). Swimming as exercise prescription for breast cancer patients. *Strength and Conditioning Journal*, 35 (6), 46-53. DOI: 10.1519/SSC.0000000000000010
19. Johnson, M. M., Kumi-Diaka, K.J., Zoeller, R., **Graves, B.S.** (May 2012). Merchant, K.T. and Hormann, V.P. Therapeutic efficacy of Genistein- Cytoreg® combination in breast cancer cells. *J Functional Foods in Health and Disease* 2(5), 137-150. DOI: [10.31989/ffhd.v2i5.93](https://doi.org/10.31989/ffhd.v2i5.93)
20. Goldstein, E., Ziegenfuss, T., Kalman, D., Kreider, R., Campbell, B, Wilborn, C., Taylor, L., Willoughby, D., Stout, J., **Graves, B.S.**, Wildman, R., Ivy, J., Spano, M., Smith, A., Antonio, J. (2010). Caffeine and performance position stand. *Journal of the International Society of Sports Nutrition* 7(5), 1-15. DOI: 10.1186/1550-2783-7-5.
21. Costa, P.B., **Graves, B.S.** Jacobs, P., and Whitehurst, M. (2009). The acute effects of different durations of static stretching on dynamic balance performance. *Journal of Strength and Conditioning*, 21(1), 141-147. DOI: [10.1519/JSC.0b013e31818eb052](https://doi.org/10.1519/JSC.0b013e31818eb052)
22. Stout, J.R., **Graves, B.S.**, Smith, A.E., Hartman, M.J., Cramer, J.T. Beck, T.W. and R.J. Harris. (November 2008). The effect of beta-alanine supplementation on neuromuscular fatigue in elderly (55-92 years): a double-blind randomized study. *Journal of the International Society of Sports Nutrition* 5 (11), 21-27. DOI: [10.1007/s00421-008-0911-7](https://doi.org/10.1007/s00421-008-0911-7)
23. Stout, JR., Graves, B.S., Cramer, JT., Goldstein, E.R., Costa, P.B., Smith, A.E., Walter, A.A. (2007). Effects of creatine supplementation on the onset of neuromuscular fatigue

- threshold and muscle strength in elderly men and women (64-86 years). *Journal of Nutrition, Health and Aging*, 11(6), 459-464.
24. Godo, J., **Graves, B.S.**, O’Kroy, J., and Hecht, S. (2006). Influences of dietary supplement use in South Florida adolescent athletes. *American Journal of Health Studies*, 21(2), 91-98.
 25. **Graves, B S.** (2005). Creating a gerontology conference for professionals and older adults. Jones, G.R., Taylor A.W., Ecclestone, N.A. (editors). *Scientific proceedings from ISAPA 6th world congress on aging and physical activity research to action for an aging society*. 213-215.
 26. Grande, B.M. and **Graves, B.S.** (2005). Creatine supplementation: Forms, function, and effects. *Strength and Conditioning Journal*, 21 (1), 62-68.
 27. Schutzer, K.A., and **Graves, B.S.** (2004). Barriers and motivations to exercise in older adults. *Preventive Medicine*, 39, 1056-1061.
 28. Ford, M.A., Bass., M.A., Turner, L.W., Mauromoustakos, A., and **Graves, B.S.** (2004). Past and recent physical activity and bone mineral density in college-ages women, *Journal of Strength and Conditioning Research*, 18 (3), 405-409.
 29. **Graves, B.S.** and Welsh, R., (2004). Recognizing the signs of body dysmorphic disorder and muscle dysmorphia. *ACSM’s Health and Fitness Journal*, 8 (1), 11-13.
 30. **Graves, B. S.** (August 2000). Web basics for the strength and conditioning professional. *Strength and Conditioning Journal*, 22 (4), 1-4.
 31. Bridges, F.S., Williamson, C.B., Scheibe, J.J., & **Graves, B. S.** (1999). The lost letter technique and the 1996 presidential election. *Perceptual and Motor Skills*, 88, 273-280.
 32. Bridges, F. S., Welsh, R., **Graves, B. S.**, & Sonn, M. (1997). Differences in lost letter and postal card returns from cities and smaller urban communities. *Psychological Reports*, 80, 363-368.
 33. Bridges, F. S. & **Graves, B. S.** (1996). Accessibility of minors of smokeless tobacco products—Broward County, Florida, March--June 1996. *Morbidity and Mortality Weekly Report*, 45 (49): 1079-1082.
 34. Bridges, F. S. & **Graves, B. S.** (1996). Accessibility of minors of cigarettes from vending machines-Florida, 1996. *Morbidity and Mortality Weekly Report*, 45 (47):1036-1038.

Books/chapters in books:

1. **Graves, B.S.** and Ingoglia, S.W. Senior programs. (Spring 2026 to present). In *NSCA’s Strength and Conditioning Association text (3rd edition)*.
2. **Graves, B.S.** (2014). Participation health screening and risk stratification, In *American College of Sports Medicine’s Resources for the Personal Trainer 3e*, Chapter 2. Philadelphia: Lippincott Williams & Wilkins.
3. **Graves, B.S.** Screening and risk stratification. (2010). In *American College of Sports Medicine’s Resources for the Personal Trainer 3rd edition*, Chapter 13. Philadelphia: Lippincott Williams & Wilkins.
4. **Graves, B.S.**, Whitehurst, M. and Jacobs, P. (2010). Lifespan effects of aging and deconditioning. Chapter 6, Lifespan effects of aging and deconditioning. In *American College of Sports Medicine’s Resource manual for exercise testing and prescription (6th edition)*, Philadelphia: Lippincott Williams & Wilkins.

5. **Graves, B.S.**, Whitehurst, M. and Findley, B. (2006). Physiological effects of aging and deconditioning, Chapter 4. In *American College of Sports Medicine's resource manual for exercise testing and prescription (5th edition)*, Philadelphia: Lippincott Williams & Wilkins.

State Journals: Refereed

1. Welsh, R., **Graves, B. S.** and Campbell, K.D. (Spring 2001). Physical Education: Forecasts for the new century. *Florida Journal of Health, Physical Education, Recreation, Dance and Driver Education Journal*, 39 (2).
2. Taylor, C. and **Graves, B. S.** (Fall 1999). Goal setting. *Florida Journal of Health, Physical Education, Recreation, Dance and Driver Education Journal*, 37 (3).
3. Bridges, F. S. & **Graves, B. S.** (Fall 1998). Accessibility of condoms and other contraceptives by collegians in South Florida. *Florida Journal of Health, Physical Education, Recreation, Dance and Driver Education Journal*, 36 (3):40.
4. **Graves, B. S.** Student membership. (Fall 1996). *Florida Journal of Health, Physical Education, Recreation, Dance, and Driver Education*, 34 (3):20.
5. Bridges, F. S & **Graves, B. S.** (Summer/Fall 1996). Availability of cigarettes to underage youth in Fort Lauderdale, Florida 1995. *Florida Journal of Public Health*, 8 (1):24-26.

Abstracts (Refereed)

International (Refereed)

1. Chiang-Hanisko, L., **Graves, S.**, Joseph-Rendel, J., Newman, D., D'Avolio, D. (November 4-7, 2020). *The Importance of Person Centered Coaching on Physical Activity in Older Adults*. 75th Annual Scientific Meeting of The Gerontological Society of America (GSA), Virtual Conference. (Poster)
2. **Graves, B.S.**, Krahwinkel, A.J., Dolan, C., Goldsmith, J. and Zourdos, M.C. January 2017, Functional fitness and activity levels of community dwelling older adults, Japan's 5th National Strength and Conditioning, Makhuhari Messe, Chiba.
3. **Graves, B.S.**, D'Angelo-Herold, A., and Hartman, M. July 28, 2008. Assessment of a university-based walking program using the Senior Fitness Test. *7th World Congress on Aging and Physical Activity*: Tsukuba, Japan.
4. **Graves, B. S.** July 2004. Creating a gerontology conference for professionals and older adults. International Society for Aging and Physical Activity's *Sixth World Congress on Aging and Physical Activity: From research to action for an aging society*, London, Ontario, Canada.
5. **Graves, B. S.** and Poirier, S. August 10-14, 1999. Roundtable discussion, HIV/AIDS Update of the older population in Broward County, Florida, *5th Annual World Congress on Physical Activity, Aging, and Sports*, Orlando, Florida.

National/International (Refereed)

1. Hack, C.A. Hall, M.E., **Graves, B.S.** May, 2025. Does concern with falling influence neurocognitive performance among older adults with and without Parkinson's Disease? American College of Sports Medicine, Atlanta, GA.

2. Alexandre, F.I., Hall, M.E., **Graves, B.S.** May, 2025. Can self-reported measures predict the functional fitness of seniors with and without Parkinson's disease? American College of Sports Medicine, Atlanta, GA. (*not accepted*)
3. Morawiec, J.M., Kuys, A, Bishop, S. H., Fennell, C., **Graves, B. S.**, Herron, R. L. Hydration monitoring in collegiate female lacrosse athletes during competition week, American College of Sports Medicine, Boston, MA, May 2024.
4. Ahmadabadi, F., Nasrabadi, M., Saghebjo, M., Hedayati, M, **Graves, B.S.** Effectiveness of high-intensity training combined with L-arginine supplementation in improvement of serum plasminogen activator inhibitor-1 level and obesity-related indices in young overweight/obese men. ACSM Conference, Boston, MA, May 2024. (free communication/slide session)
5. Moxam, J., Sanghvi, H.A., Danesh, A., **Graves, B.S.**, Gupta, S., Pandya, A.S. Association for Research in Vision and Ophthalmology (ARVO) conference, Seattle, WA, May 2024. Published, June 2024. Investigative ophthalmology & visual science, 65:1149.
6. **Graves, B.S.**, Hinson, S., and Diaz, D. Neuropsychological testing and postural stability of university football players, NSCA Conference, New Orleans, LA, July 2022.
7. Kaplan, C.A., Szymanski, D. and **Graves, B. S.** Acute effect of ankle joint mobilization on hamstring flexibility. 48th Annual National Strength and Conditioning Association Conference, Orlando, Florida. July 9, 2021.
8. Chiang-Hanisko, L., **Graves, S.**, Joseph-Rendel, J., Newman, D., D'Avolio, D. (November 4-7, 2020). The Importance of Person Centered Coaching on Physical Activity in Older Adults. 75th Annual Scientific Meeting of the Gerontological Society of America (GSA), Virtual Conference. (Poster)
9. **Graves, B.S.**, Wieselthier, L., Poole, S. and Kame, S. The validity and reliability of game-based exercise on fall-risk assessment, balance, and muscular performance. Society for NeuroSports National Conference, Deerfield Beach, Florida, November 16, 2019.
10. **Graves, B.S.**, Armitage, B.M., and Davis, E.P. The efficacy of neurocognitive assessments in Division 1 collegiate football athletes, NSCA Conference, Washington, D.C. July 2019.
11. Kuehne, T.E., Yitzchaki, N., **Graves, B. S.**, and Buckner, S.L. Exercise-induced changes in muscle thickness as measured by both A-Mode and B-Mode ultrasound. ACSM National Conference, Orlando Florida, May 2019.
12. **Graves, B. S.**, Burnside, J., and Gupta, M. (June 2016). Assessing football players with concussions. Presented at American College of Sports Medicine's National Meeting. Boston, Massachusetts.
13. Klemp, A., Blanco, R., Dolan, C., Quiles, J.M., Krahwinkel, A.J., Zoeller, R. F., **Graves, B. S.**, and Zourdos, M.C. Two volume-equated daily undulating periodization models enhance strength similarly independent of specific repetition range. ACSM National Conference, San Diego, May 2015.
14. Dolan, C., Klemp, A., Blanco, R., Quiles, J.M., Krahwinkel, A.J., Zoeller, R. F., **Graves, B. S.**, and Zourdos, M.C. Volume-equated high and low repetition daily undulating periodization models for lower body muscle hypertrophy. ACSM National Conference, San Diego, May 2015.

15. Quiles, J.M., Klemp, A., Blanco, R., Dolan, C., Krahwinkel, A.J., Zoeller, R. F., **Graves, B. S.**, and Zourdos, M.C. Volume-equated high and low repetition daily undulating periodization models for upper body muscle hypertrophy. ACSM National Conference, San Diego, May 2015.
16. **Graves, B.S.**, Burnside, J., Kiddy, J., and A.J. Krahwinkel. Collegiate Football Players Concussion Assessment. NSCA National Conference, Las Vegas, Nevada, July 2014.
17. Zourdos, M.C., Quiles, J.M., Klemp, A. Dolan, C., Schau, K.A., Crimmins, J., Esgro, B., Garcia Merino, S., **B.S. Graves**. A comparison of efficiency between experienced and novice squatters during high intensity squats. ACSM, Orlando, FL. *Medicine and Science in Sports and Exercise (Supp.)*, 2014.
18. Brazendale, K., **Graves, B. S.**, Penhollow, T.M., Whitehurst, M., and Pittinger, E. Children's experiences in physical education and its effects on physical activity participation outside of school. ACSM, Orlando, FL. *Medicine and Science in Sports and Exercise (Supp.)*, 2014.
19. Dolan, C., Schau, K.A., Quiles, J.M., Klemp, A., Day, B., Garcia Merino, **B.S. Graves**, and Zourdos, M.C.. Comparison of center of pressure during the squat between experienced and novice squatters. ACSM, Orlando, FL. *Medicine and Science in Sports and Exercise (Supp.)*, 2014.
20. Klemp, A., Quiles, J.M., Dolan, C., Schau, A. Crimmins, J., Esgro, B. Garcia Merino, S., **B.S. Graves**, and Zourdos, M.C. Does high intensity squatting elicit post activation potentiation on the squat? ACSM, Orlando, FL. *Medicine and Science in Sports and Exercise (Supp.)*, 2014.
21. **Graves, B. S.** and D'Angelo, A. (June 2012). Effects of a university-based exercise program intervention as compared to community-dwelling seniors. American College of Sports Medicine's National Meeting. San Francisco, California. Published in Supplement.
22. Penhollow, T., **Graves, B.S.** Young, M.E., and Jackson. M. (April 2009). Predictors of physical activity and life satisfaction among college students. American Alliance of Health, Physical Education, Recreation and Dance National Convention and Exposition, Tampa, Florida.
23. Klepacki, B.J., **Graves, B.S.**, and Hellberg, P.A. (2009). The effect of ingesting a caffeine-enhanced sport drink on resting energy expenditure and blood pressure in females. *Journal of International Society of Sports Nutrition*, 3 (1), 20.
24. **Graves, B. S.**, Curran, R.N., and Hartman, M.J. July 2008. Assessing concussions in collegiate football players. National Strength and Conditioning National Conference, Las Vegas, Nevada. *Journal of Strength and Conditioning Research*, 22(4): Supplement.
25. **Graves, B.S.**, D'Angelo-Herold, A., and Hartman, M.J. (2008). Assessment of a community-based walking program using the Senior Fitness Test. *Journal of Aging and Physical Activity*, 16: Supplement.
26. Costa, P.B. **Graves, B.S.**, Jacobs, P., and Whitehurst, M. (2007). Effects of balance and stretching on females. *Journal of Strength and Conditioning Research*, 21(4): Supplement. (Oral presentation)
27. **Graves, B.S.**, Stout, J.R., Goldstein, E.R., Costa, P.B., Goddard, X., and Curran, R. (2007). Effects of creatine supplementation on the physical working capacity at fatigue threshold and muscle function in elderly men and women (64-86 Years). *Medicine and*

- Science in Sports & Exercise*, 39 (5), S424. (Poster presentation, ACSM National Conference)
28. **Graves, B.S.** (2005). The signs of muscle dysmorphia and body dysmorphic disorder. *Journal of International Society of Sports Nutrition*, 2 (1), 119. Second Annual International Society of Sports Nutrition, New Orleans, Louisiana. (Invited speaker).
 29. Rakes, M., Zoeller, R., O’Kroy, Torok, D., J., Stout, J.R., Mielke, M. and **Graves, B.S.** (2005). Effects of 28 days of beta-alanine and creatine monohydrate supplementation on oxygen uptake, ventilatory and lactate thresholds, and time to exhaustion. *Journal of International Society of Sports Nutrition*, 2 (1), 97-98. International Society of Sports Nutrition Conference, New Orleans, Louisiana. (Poster).
 30. Stout, J.R., O’Kroy, J., Mielke, M., Zoeller, R., Torok, D.J., Rakes, M., and **Graves, B.S.** (2005). Effects of 28 days of beta-alanine and creatine monohydrate supplementation on physical working capacity at neuromuscular fatigue threshold. *Journal of International Society of Sports Nutrition*, 2 (1), 105.
 31. **Graves, B.S.**, Quinn, J.V., O’Kroy, J.A., Torok, D.J. (2005). Influence of pilates-based mat exercise on chronic lower back pain. *Medicine and Science in Sports & Exercise*, 37, Supplement 27. American College of Sports Medicine Annual Meeting, Nashville, Tennessee.
 32. **Graves, B.S.** (2004). Creating gerontology conference for professionals and older adults. *Journal of Physical Activity and Aging*, 12 (3), 213-214.
 33. Lai, K., O’Kroy, J., Torok, D.J., **Graves, B.S.** Active isolation stretching does not improve hamstring flexibility better than traditional stretching methods. *Medicine and Science in Sports & Exercise*, 35(5). S79. May 2003. Presented American College of Sports Medicine Meeting, San Francisco, California.
 34. Howard, N., Torok, D., Sirounis, M., O’Kroy, J. and **Graves, B.S.** May 2002. Twelve weeks of Gravitron training increases upper body strength in 11-13 year old students. *Medicine and Science in Sports & Exercise*, 34, Supplement 5. American College of Sports Medicine Meeting. St. Louis, Missouri.
 35. **Graves, B. S.**, Jones, J. and Wood, R. H. June 2002. (Colloquium). Conducting Research with Older Populations: IRB Approval, Recruiting Subjects, Testing and Assessments. American College of Sports Medicine Meeting, St. Louis, Missouri.
 36. **Graves, B. S.** June 2001. Successful Active Aging Programs — What is out there? Presented within Mini-Symposium, Key Factors in Successful Active Aging Programs. American College of Sports Medicine Meeting, Baltimore, Maryland.
 37. Sol, C., Mitchell, K., Banks, S., Torok, D., **Graves, B.S.**, and Welsh, R. June 2001. Changes in ground reaction forces utilizing the Pose method of running. American College of Sports Medicine Meeting, Baltimore, Maryland.
 38. Sol, C., Mitchell, K., Banks, S., Torok, D., **Graves, B.S.**, and Welsh, R. May 2001. Changes in ground reaction forces utilizing the Pose method of running. *Medicine and Science in Sports & Exercise*, 33, Supplement 5.
 39. Miller, J. M., O’Kroy, J.A., **Graves, B. S.**, and Torok, D. J. June 2000. The role of airflow limitation in exercise-induced arterial hypoxemia, *Medicine and Science in Sports & Exercise*, 32, Supplement 5.
 40. D’Angelo-Herold, A., Whitehurst, M., and **Graves, B. S.** September 2000. Adherence to a university-based walking program. American College of Sports Medicine Specialty Conference: Physical Activity Programming for the Older Adult. Indianapolis, Indiana.

41. Miller, J. M., O'Kroy, J.A., **Graves, B. S.**, and Torok, D. J. June 2000. The role of airflow limitation in exercise-induced arterial hypoxemia. American College of Sports Medicine Meeting, Indianapolis, Indiana.
42. Whitehurst, M., Brown, L. E., Miller, J.M., Lee, L., **Graves, B.S.**, O'Kroy, J., Rossi, M., Grant, K., and D'Angelo-Herold, A. June 2000. Wearing a weighted vest while walking increases oxygen consumption. American College of Sports Medicine Meeting, Indianapolis, Indiana. *Medicine and Science in Sports & Exercise*, 32, Supplement 5
43. Poirier, S. and **Graves, B. S.** January 2000. HIV/AIDS Update of older population in Florida. Partnerships for Health in the New Millennium Conference/Launching Healthy People 2010, convened by the Office of Disease Prevention and Health Promotion, United States Department of Health and Human Services, Washington, D.C.
44. **Graves, B. S.** and Poirier, S. August 1999. HIV/AIDS Update of the older population in Broward County, Florida. Fifth Annual World Congress on Physical Activity, Aging, and Sports, Orlando, Florida. (Round-table discussion).
45. **Graves, B. S.** June 1999. Exercise science and wellness education survey of graduates. American College of Sports Medicine Meeting, Seattle, Washington. June 1999. (Thematic Poster Presentation).
46. **Graves, B. S.** March 1999. Programming Exercise for the Older Adult. American College of Sports Medicine's CEQ: Exercise and the Older Adult, Florida Atlantic University, Davie, Florida. (Topic Presentation).
47. **Graves, B. S.** March 1998. Alternative Careers to Physical Education. National Education Wellness Seminar, Fort Lauderdale, Florida. (Invited Speaker).
48. **Graves, B. S.** and Poirier, S. (1999). HIV/AIDS update of the older population in South Florida. *Journal of Aging and Physical Activity*, 7 (3), 292.
49. **Graves, B. S.** and Torok, D. (May 1999). Exercise science and wellness education survey of graduates. *Medicine and Science in Sports & Exercise*, 31, Supplement 5.

Local: None

Regional (Refereed)

50. Hirsch, K., Howard, J., Unrein C., **Graves, B.S.** February 2026. Practical applications of AI in research, teaching, and learning. Southeast American College of Sports Medicine, Greenville, SC. Symposium.
51. Pierre-Gilles, S.F. Hall, M.E., **Graves, B.S.** February 2026. Implications of Parkinson's Disease on cognitive control in older adults. Southeast American College of Sports Medicine, Greenville, SC.
52. Alexandre, F.I., Hall, M.E., **Graves, B.S.** February 2026. Parkinson's Disease, functional fitness, and quality of life: insights from the senior fitness test. Southeast American College of Sports Medicine, Greenville, SC.
53. Clark, E.M., Bruxelas, B.S., Marshall, D., **Graves, B.S.**, Artese, A.L, An exploration of perceived benefits of the community-based fau-well program in older adults. Thematic poster session. Southeast American College of Sports Medicine, Greenville, SC.
54. **Graves, B. S.** February 2025. Comparison of two gait simulators. Southeast American College of Sports Medicine, Greenville, SC.

55. Alexandre, F.I., Hall, M.E., **Graves, B.S.** February, 2025. Can self-reported measures predict the functional fitness of seniors with and without Parkinson's disease? Southeast American College of Sports Medicine, Greenville, SC.
56. Hack, C.A. Hall, M.E., **Graves, B.S.** February, 2025. Does concern with falling influence neurocognitive performance among older adults with and without Parkinson's Disease? Southeast American College of Sports Medicine, Greenville, SC.
57. Espinal, J.A., Morawiec, J. Artese, A., **Graves, B.S.** February, 2025. Older adults' perceptions of the student-led FAU Well Program: A qualitative study. Southeast American College of Sports Medicine, Greenville, SC.
58. **Graves, B.S.**, Sanghvi, H.A., Danesh, A.A., Gupta, S. Chowdhary, S., Pandya, A.S. February 2024. Telehealth use of a nystagmus analyzer algorithm. Southeast American College of Sports Medicine, Greenville, SC.
59. Morawiec, J.M., Kuys, A, Bishop, S. H., Fennell, C., **Graves, B. S.**, Herron, R. L. February 2024. Hydration monitoring in collegiate female lacrosse athletes during competition week, Southeast American College of Sports Medicine, Greenville, SC.
60. **Graves, B.S.**, Ahmadabadi, F., and Crimmins, J. February 2023. Functional Fitness and daily steps of community-dwelling older adults, Southeast American College of Sports Medicine, Greenville, SC.
61. Ahmadabad, F., Azizi, S., Saghebjoo, M., Mohiti-Ardakani, J., **Graves, B.S.** February 2023. Combination of aerobic exercise training and berberine attenuate kidney cachexia in diabetic rats by increasing the Bcl-2/Bax ratio, Southeast American College of Sports Medicine, Greenville, SC. Presented during the preconference session, What's Up Doc.
62. **Graves, B. S.**, Buckner, S., Spring, K., and Gomez, D.. February 2022. Rapid research race: preconference. Southeast American College of Sports Medicine, Greenville, SC.
63. **Graves, B. S.**, Buckner, S., Gomez, D., and Bechke, E. February 2020. Rapid research race: preconference. Southeast American College of Sports Medicine, Greenville, SC.
64. Rendel, J.J., **Graves, B. S.**, Newman, D., Liehr, P., and Chiang-Hanisko, L. (February 27 to March 2, 2019). The Effects of Person Centered Coaching on Physical Activity Levels of Older Adults with Osteoarthritis: A Pilot Study submitted to the Southern Nursing Research Society, 33rd Annual Conference, Orlando, Florida.
65. **Graves, B. S.**, Schwartz, A., and Bechke, E. February 2019. Rapid research race: preconference. Southeast American College of Sports Medicine, Greenville, SC.
66. Kuehne, T.E., Yitzchaki, N., Jessee, M.B., **Graves, B. S.**, and Buckner, S.L. February 2019. A comparison of acute changes in muscle thickness between A-mode and B-mode ultrasound. Southeast American College of Sports Medicine, Greenville, SC.
67. Perlmutter, J.H., **Graves, B. S.**, Gusylyayev, S., Maischer, M.H., Burnside, J., and Gupta, M.K. (February 2018). Impact Assessment in concussed Division I collegiate football players. Oral presentation. Southeast American College of Sports Medicine, Chattanooga, Tennessee.
68. **Graves, B. S.**, Buckner, S., and Schwartz, A. February 2018. Rapid research race: preconference. Southeast American College of Sports Medicine, Chattanooga, Tennessee.
69. Perlmutter, J.H., **Graves, B. S.**, Gusylyayev, S., Haischer, M.H., Burnside, J., and Gupta, M.K. (February 2018). Impact[®] assessment in concussed Division I collegiate football players. Southeast American College of Sports Medicine, Chattanooga, Tennessee.
70. **Graves, B. S.**, B. Overstreet, B., and Buckner, S. February 2017. Preconference: Rapid research race. Southeast American College of Sports Medicine, Greenville, SC.

71. Perlmutter, J.H., **Graves, B.S.** Haischer, M.H., Burnside, J. Gupta, M.K. February 2017. Baseline and post injury neurocognitive assessments in collegiate football players. Southeast American College of Sports Medicine, Greenville, South Carolina.
72. **Graves, B. S.**, Bustamante, E., and Brandon, L.J. (February 2015). ACSM's Leadership and Diversity Training Program—Preparing tomorrow's leaders. Symposium, Southeast American College of Sports Medicine, Jacksonville, Florida.
73. Klemp, A., Blanco, R., Dolan, C., Quiles, J.M., Krahwinkel, A.J., Zoeller, R. F., **Graves, B. S.**, Zourdos, M.C. February 2015. Effects of volume-equated high and low repetition daily undulating periodization models on maximal strength. Southeast American College of Sports Medicine, Jacksonville, FL.
74. Quiles, J.M., Klemp, A., Blanco, R., Dolan, C., Krahwinkel, A.J., Zoeller, R. F., **Graves, B. S.** Zourdos, M.C. February 2015. Volume-equated high and low repetition daily undulating periodization models for hypertrophy. Southeast American College of Sports Medicine, Jacksonville, FL.
75. Brazendale, K., **Graves, B.S.**, Penhollow, T., Whitehurst, M., Pittinger, E. Children's experiences in physical education and its effects on their physical activity participation outside of school. Thematic Poster, Southeast American College of Sports Medicine, Greenville, South Carolina, February 14, 2014. (accepted, not presented because of inclement weather).
76. **Graves, B. S.** and Moore-Harrison, T. Facilitating effective mentoring relationships. Tutorial. Southeast American College of Sports Medicine, Greenville, South Carolina, February 14, 2014. (accepted, not presented because of weather cancellation)
77. Klemp, A., K.A. Schau, J.M. Quiles, C. Dolan, Esgro, B., **B.S. Graves**, and Zourdos, M.C. A comparison of average velocity at maximal intensity in the squat as a marker of efficiency between experienced and novice squatters. Poster, Southeast American College of Sports Medicine, Greenville, South Carolina, February 14, 2014. (accepted, not presented because of weather cancellation)
78. Dolan, C., K.A. Schau, J.M. Quiles, A. Klemp, B. Day, **B.S. Graves**, and Zourdos, M.C.. An examination of center of pressure during the squat at various intensities as a marker of technique efficiency between experienced and novice squatters. Thematic Poster, Southeast American College of Sports Medicine, Greenville, South Carolina, February 14, 2014. (accepted, not presented)
79. **Graves, B.S.** and D'Angelo, A. Comparison of active community-dwelling seniors in a structured and non-structured exercise program. Southeast American College of Sports Medicine, Greenville, South Carolina, February 5, 2011.
80. Lai, K., O'Kroy, J., Torok, D.J., **Graves, B. S.** February 2003. Active isolation is not more effective at increasing hamstring flexibility than traditional methods. Southeast American College of Sports Medicine's Annual Meeting. Atlanta, Georgia.
81. Howard, N., Torok, D., Sirounis, M., **Graves, S.**, and O'Kroy, J. February 2002. Upper body strength in 11-13 year old students is increased with 12 weeks of Gravitron training. Southeast American College of Sports Medicine's Annual Meeting. Atlanta, Georgia.
82. Sol, C., Mitchell, K., Torok, D., **Graves, S.**, and Welsh, R. January 2001. Changes in ground reaction forces utilizing the Pose method of running. Southeast American College of Sports Medicine's Annual Meeting. Atlanta, Georgia.

State (Refereed)

Chiang-Hanisko, L., **Graves, B.S.**, Liehr, P., Newman, D., & D'Avolio, D. (2018). *Involving Undergraduate Honors Student in Interdisciplinary Research*. 11th Annual Florida Statewide Symposium. October 19-20, 2018. Boca Raton, FL. (Podium presentation).
D'Angelo-Herold, A. and **Graves, B. S.** September 2002. FAU-Well Program. Florida Department of Elder Affairs Best Practices. Tampa, Florida.

Competitive Grants and External Funding (\$109,469 external; \$667,948.10, internal)

Federal External Grants (\$64,000 awarded)

Principle Investigator, **Graves, B.S.** U. S. Department of the Interior/U. S. Fish and Wildlife Service. August 1999 to November 30, 1999. Education and Outreach Program. \$5,000.
Principle Investigator, **Graves, B.S.** U. S. Department of the Interior/U. S. Fish and Wildlife Service. September 1998 to July 31, 1999. Education and Outreach Program. \$14,000.
Principle Investigator, **Graves, B.S.** U. S. Department of the Interior/U. S. Fish and Wildlife Service. August 1998 to July 31, 1999. Education and Outreach Program. \$10,000.
Principle Investigator, **Graves, B.S.** U. S. Department of the Interior/U. S. Fish and Wildlife Service. January 31, 1998 to July 31, 1998. Education and Outreach Program. \$5,000.
Principle Investigator, **Graves, B.S.** U. S. Department of the Interior/U. S. Fish and Wildlife Service. August 4, 1997 to January 31, 1998. Education and Outreach Program. \$30,000.

Federal External Grants: Not Funded

NIH R25: Team-based design in biomedical engineering education: Preparing Undergraduate Majors Professionally (PUMP), resubmitted June 29, 2021. PI, Dr. A. Pandya and **Graves, B.S.**, (coordinator). Not funded, \$208,000.
NIH R25: Team-based design in biomedical engineering education: Preparing Undergraduate Majors Professionally (PUMP), submitted June 29, 2020. PI, Dr. A. Pandya and Co-PI, **Graves, B.S.**, (assisted in design, background information, and writing grant). Not funded, \$208,000, November 2020.
NIH Exploratory/developmental Research Grant Program, R21 grant proposal submission. (August 2018) Lenny Chiang-Hanisko, PI; Co-PI, **Graves, B.S.** (assisted in study design and writing the grant). The effects of person-centered engagement on pain in osteoarthritis. Requested, not funded, \$275,000 with College of Nursing.
Principle Investigator, **Graves, B.S.** \$210,000 (submitted, October 2007). NIH Grant, The effects of supplementation (creatine, beta alanine) on a four-week strength-training program fatigue in community-dwelling older adults (ages 55+). (not funded)

Other External: (\$45,469, Awarded)

Awarded, **Graves, B.S.**, \$3000. Spring 2017. Received through ACSM for SEACSM Diversity and Mentoring program.
Awarded, **Graves, B.S.**, \$1000. SAS Global Forum Faculty Scholarship. (Registration fees, meals, tutorial session), March 2014, SAS Global Forum, Washington, DC.
Awarded, **Graves, B.S.**, \$1000. Travel grant from Federation of American Societies for Experimental Biology for SEACSM conference, Greenville, SC, February 13-15, 2014.

- Mentor, **Graves, B.S.** \$1000 to Rocky Blanco, FAU ESHP graduate student. Travel grant from Federation of American Societies for Experimental Biology for SEACSM conference, Greenville, SC, February 13-15, 2014.
- Principle Investigator, **Graves, B.S.** \$3000 (awarded, 2006). College of Education, Research Incentive Seed Grant, A twelve-week training study of the effect of creatine monohydrate supplementation on neuromuscular fatigue in community-dwelling older adults.
- Co-Principle Investigator, **Graves, B.S.** with Anita D'Angelo-Herold (FAU instructor). \$4,469 (awarded Fall 2005 to Spring 2006). FAU Fitness Video, The Allegany Franciscan Ministries of Palm Beach County, Florida.
- Co-Investigator, **Graves, B.S.** with Dr. Torok. The Starting Place Inc. of Hollywood, Florida. Evaluation of Not On Tobacco Program. \$2,500. (Awarded January 2004 to December 31, 2005).
- Co-Principle Investigator, **Graves, B.S.** with D. Torok. The Starting Place. Not On Tobacco Assessment. January 2003 to December 2003. Awarded \$2,500.
- Principle Investigator, **Graves, B.S.** The American Lung Association of South Florida, Inc. March 2002 to March 2003. Not on Tobacco Program--Miami-Dade County, Florida. Awarded \$5,000.
- Co-Principle Investigator, **Graves, B.S.** with D. Torok. The American Lung Association of South Florida, Inc. March 2002 to March 2003. Not On Tobacco Program--Broward County, Florida. Awarded \$2000.
- Principle Investigator, **Graves, B.S.** The American Lung Association of South Florida, Inc. June 2001 to May 2002. Tobacco 411--Awareness Program--Miami-Dade County, Florida. Awarded \$5,000.
- Co-Principle Investigator, **Graves, B.S.** with D. Torok. The American Lung Association of South Florida, Inc. June 2001 to May 2002. Tobacco 411--Awareness Program--Broward County, Florida. Awarded \$5000.
- Principle Investigator, **Graves, B.S.** The American Lung Association of South Florida, Inc. February 2000 to November 2000. Tobacco 411—Awareness Program--Miami-Dade County, Florida. Awarded \$5,000.
- Co-Principle Investigator, **Graves, B.S.** with D. Torok. The American Lung Association of South Florida, Inc. February 2000 to November 2000. Tobacco 411--Broward County, Florida. Awarded \$5,000.

Other External:

- Graves, B.S.** (PI) and Stock, M. (Co PI). Successful Aging For All (SAFA): Utilizing An Evidence-based Health Promotion Program Through Bingocize® To Improve The Quality Of Life Among Florida Certified Nursing Facility Residents. Florida Civil Monies Penalties Grant. January 2026. Funded \$290,000.
- Graves, B.S.** (PI), Stock, M. (Co PI), and Schaefer, M. (Co PI). Successful Aging For All (SAFA): Utilizing An Evidence-based Health Promotion Program Through Bingocize® To Improve The Quality Of Life Among Florida Certified Nursing Facility Residents. Florida Civil Monies Penalties Grant. Prepared March to September 2024. Requested \$320,000. (Submitted September 11, 2024). Not funded, Spring 2025 because of revisions to CMP program.

Graves, B.S. (PI), Stock, M. (Co PI), and Crandall, J. (Co PI). Successful Aging For All (SAFA): Utilizing An Evidence-based Health Promotion Program Through Bingocize® To Improve The Quality Of Life Among Florida Certified Nursing Facility Residents. Florida Civil Monies Penalties Grant. Prepared May to December 2022. Requested \$1,579,662. (Submitted January 9, 2022). Not funded, but under revision for resubmission.

Internal funding, competitive grants, Florida Atlantic University, Total funded:
\$667,948.18+

College/University funding (\$106,000)

Graves, B.S. (PI), Agrawal, V. (Co-PI), Danesh, A. A. (Co-PI), Alter, S. (Co-PI), Sangvhi, H. (Co-PI), Pandya, A.S. (Co-PI). An AI-based clinical decision support system for assessing fall risk in older adults and vulnerable populations, VIP Grant Collaboration, Submitted June 2025, requested \$46,600.

Ali A. Danesh (PI), **Graves, B.S.** (Co-PI), Chowdhary, S. (Co-PI), and Pandya, A.S. (Co-PI). *TUNAA—Telehealth Use of a Nystagmus Analyzer Algorithm,* I-SENSE--Center for SMART Health Seed Funding. (Funded, September 30, 2022 to October 1, 2023). Awarded, \$21,000.

Pandya, A. (PI), **Graves, B.S.** (Co-PI), and Gupta, M. Biomechanics of Yoga with digital technology. NSF Industry/University Cooperative Research Center for Advanced Knowledge Enablement (CAKE). October 2021 to September 2022. \$57,000.

Principle investigator, **Graves, B.S.**; Co PIs, Dr. A. Pandya, Department of Engineering & Computer Science; Dr. A. Danesh, Communication Disorders Department, College of Education; Dr. A. Pelah, Center for Complex Systems & Brain Sciences and in the Machine Perception & Cognitive Robotics Lab: 2020 CEECS/I-Sense Joint Seed Funding Competition (Awarded, May 2020).

- Title: Artificial intelligence and virtual reality for technology engagement in exercise science and medicine, total \$25,000.

Principle investigator, **Graves, B.S.** College of Education incentive grant. Fall 2006.

- \$3000, Project title: A twelve-week training study of the effect of creatine monohydrate supplementation on neuromuscular fatigue in community dwelling older adults.

Student mentored grants (awarded \$5200+)

Alexandre, F. and **Graves, B. S.** (faculty lead). Summer 2025. Analyzing perceived fall risk to functional fitness: Finding the correlation between FES-1 and SFT. FAU Summer Undergraduate Research Fellowship program. Requested \$600. Not funded.

Goldenberg, L. (student), **Graves, B. S.** (faculty lead), and Sanghvi, H. (mentor). Will those with Parkinson Disease perform poorer in both the cognitive and exercise training compared to the control group of healthy adults? \$600, Funded Spring 2024, OURI grant.

Singh, S. (student), **Graves, B. S.** (faculty lead), Pandya, A. (mentor), Gupta, M., and Agarwal, A. Research and framework for ophthalmology. FAU Wave, \$500, funded, Spring 2023.

- Doshi, A. and Godwa, A. (students), Sanghvi, H., **Graves, B. S.**, Pandya, A., Gupta, S. and Gupta, M. Research and Framework for biomechanics. FAU OURI, \$1200, funded, Spring 2023.
- Doshi, A. (FAU High Student), **Graves, B. S.** (faculty mentor), and Pandya, A. A 3-D based framework using artificial intelligence for biomechanical analysis in orthopedic practice, OURI grant, applied, Fall 2022. \$1356.76 requested.
- Sanghvi, H. (student), **Graves, B. S.** (faculty lead), Pandya, A. (mentor), Gupta, M., and Agarwal, A. NSF I Corps Grant, Customer Discover Travel for AI Tool for Biomechanical Analysis. Fall 2022. Awarded, \$2500
- Rajawat, N. (student), **Graves, B. S.** (faculty mentor), Pandya, A. (mentor), Sanghvi, H., Gupta, M., and Patel K. FAU Wave Grant, 3D Based Bio-Mechanical Analysis System for Sports Therapy, Awarded, Fall 2022. Awarded, \$500.

Tech fee grants (\$625,948⁺ awarded)

- Principle investigator, **Graves, B.S.** Technology grants (awarded, March 2024).
- \$20,191.24, Technology enrichment for advanced learning and training
- Principle investigator, **Graves, B.S.** Technology grants (awarded, March 2023), total \$11,323.54
- Incorporating Augmented Reality in Exercise Science Classes
- Principle investigator, **Graves, B.S.** Technology grants (submitted, October 2022, not funded).
- \$9,000, Fitness training and assessments: Using advanced technology. Software upgrades Trazer (3 years)
- Principle investigator, **Graves, B.S.** Technology grants (awarded, March 2019), total \$11,346
- Exercise, Fitness and Sports Monitoring System
- Principle investigator, **Graves, B.S.** Technology grants (awarded, April 2018), total \$48,664.62
- \$33,956, COSMED K5
 - \$2403.16, digital scale for ESHP lab
 - \$22,500, Sport performance technology, Catapult system
 - \$23,727.50, Electronic cycle ergometers for ESHP lab
- Principle investigator, **Graves, B.S.** Technology grant (awarded, April 2017), total \$107,100
- \$107,100, Alter-G equipment
- Principle investigator, **Graves, B.S.** Technology grant (awarded, April 2016), total \$19,598
- Trazer equipment, ESHP Lab
- Principle investigator, **Graves, B.S.** Technology grant (awarded, April 2015), total \$172, 235
- Equi-test machine, ESHP Lab
- Principle investigator, **Graves, B.S.** Technology grant (awarded, April 2014), total \$1968.40
- \$1968.40, Electronic scale
- Principle investigator, **Graves, B.S.** Technology grant (awarded, April 2013), total \$132,292.
- \$10,000 for lactate analyzers, ESHP Lab
 - \$122,292 for ESHP cycle ergometers, portable VO₂ system, and other ESHP new lab equipment
- Assisted Dr. Michael Zourdos in submitting first Technology grant.
- \$121,000 awarded (not included in total, since not listed on this grant)
- Principle investigator, **Graves, B.S.** Technology grant (awarded spring 2012), total \$1500
- \$1,000 for digital video cameras for class use.
 - \$500 for scanners for ESHP lab

Principle investigator, **Graves, B.S.** Technology grant (awarded, Fall 2011), total \$44,876.

- \$41,951 upgrade and replacement of Bod Pod (body composition analysis).
- \$2,925 for portable computers for ESHP student use

Principle investigator, **Graves, B.S.** Technology grants (awarded April 2010), total \$42,446).

- \$22,444 for computer and software upgrades for ESHP lab, 11A. Funded.
- \$19,002 for computer, software, and room upgrade for ESHP lab, GY 152. Funded.

Internal grants, not funded.

Principle investigator, **Graves, B.S.** Technology grants (awarded, April 2023). \$11,323.54, Augmented reality for technology engagement in Artificial Intelligence, Sport, and Human Communication.

Co-Principle investigator, **Graves, B.S.** and Co PI, Pandya, A.S. Department of Engineering & Computer Science. (Submitted May 2022). COECS/ISENSE seed funding competition. AR Assisted Device for Addressing Social Interventions; Requested \$25,000. (Not funded—August 1, 2022)

Principle investigator, **Graves, B.S.** Technology grant (March 2020), none awarded, \$130,000 (Spring 2020).

Principle investigator, **Graves, B.S.** Technology grant. (March 2019), Trazer Technology Upgrade, \$11,500.

Principle investigator, **Graves, B.S.** Technology grant, Alter-G Equipment, (requested, November 2015), \$97,100.

Co-Principle investigator, **Graves, B.S.** with Communication Disorders and Counselor Education (requested, October 2015), Internal FAU Healthy Aging Grant. Cognition, Swallowing, and Balance: Keeping the Aging Adult at Home. ~\$35,000.

Principle investigator, **Graves, B.S.** Technology grant (April 2014), \$116,497.70; lactate analyzers, ESHP Lab, Microsoft Surface tablets, metabolic analysis system, ParvoMedics system, treadmills.

Principle investigator, **Graves, B.S.** Technology grants (April 2010). \$43,546, upgrade/replacement of Bod Pod (body composition analysis).

Co-Principle Investigator, **Graves, B.S.** with Dr. Jeffrey Stout. (Fall 2005). A crossover study of effective fourteen days of creatine monohydrate supplementation on neuromuscular fatigue in community-dwelling older adults. FAU Sponsored Research Grant. \$15,000.

Gifts/Donations or Equipment Grants (Total: \$7,000)

Memorial West Health and Fitness Center. 2005. Two Nu-Step machines to the Exercise Science Student Laboratory. \$2000 value.

Memorial West Health and Fitness Center. 2002. Two bicycle ergometers to Exercise Science Student Laboratory. \$1500 value.

HealthSouth Hospital, Plantation, Florida. Spring 1996. Three bicycle ergometers to FAU Exercise Science Student Laboratory. \$2500 value.

Patents: None

Non-Refereed Works

International Publications: Non-refereed

- Graves, B. S.** (editor). (June 2002). *Successful Active Aging Programs*. Booklet for American College of Sports Medicine's Interest Group on Aging. Published electronically.
- Graves, B. Sue.** (January 2001). Preventing dehydration. Bimini Bahamas Big Game Annual Publication--*Tournament Book*.
- Graves, B. Sue, McCully, K., and Whitehurst, M.** (editors). (June 2000). *Successful Active Aging Programs*. Booklet for American College of Sports Medicine's Interest Group on Aging.
- Graves, B. Sue.** (January 2000). Fishing fitness. Bimini Bahamas Big Game Annual Publication--*Tournament Book*.

National Publications: Non-refereed

- Graves, B. S.** and Juris, P. (November 2004). A comparative kinematic and biomechanical analysis of two gait simulators. A white paper prepared for CYBEX International.
- Graves, B. S.** (October 2001). Explosive training for seniors in Point/Counterpoint, *Strength and Conditioning Journal*, 23, (5), 30-31.
- Mazza, V. and **Graves, B. S.** (March 2001). Time management techniques for managers. *Fitness Management*. News features section on Website.
- Graves, B. S.** and 15 industry experts. (March 2000). State of the Industry: The experts speak out and propose new directions for the *Personal Fitness Professional Magazine*.
- Graves, B. S.** (November/December 1998). National Strength and Conditioning Association (NSCA) student membership. *NSCA National Newsletter*, 19 (6).

Presentations, Professional (Non-refereed)

International Presentations

- Graves, B.S.** (July 21, 2008). Invited to contribute expertise in field of active aging and health. The National Taiwan Sports University, Taipei County, Taiwan.

Professional Meetings

- Older adult's day. Interest Group on Aging. American College of Sports Medicine National Conference. June 2010.
- Health risks behaviors program: training module. Florida Tobacco Pilot Program: 1998. Summer Institutes, Saddlebrook, Wesley Chapel, Florida, June 28-July 3, 1998.

State and Local presentations

- Graves, B. S. (October 22, 2024). Successful aging, presented to Toby & Leon Cooperman Sinai Residences, Boca Raton, FL
- Coordinator, one day Trazer Training Seminar for all outpatient physical and occupational therapists, Boca Raton Regional Hospital, May 15, 2019.
- Graves, B. S.** (January 25, 2014). Eating disorders and issues in high-level athletes. Presented at the International Society of Sports Nutrition and Florida State University's Optimal Human Performance Symposium, Tallahassee, Florida. (Oral presentation)
- Featured guest speaker, Rotary International. June 11, 2014. Exercise and Aging. John Knox Village, Pompano Beach, Florida.
- Featured guest speaker. May 13, 2013. Senior Challenge opening ceremony for Olympic Day. John Knox Village, Pompano Beach, Florida.

- Guest speaker. October 10, 2012. Nutrition lecture. FAU women's track team.
- Guest speaker (featured). August 2010. Bikini Bash (African American Association) for women's health. Fort Lauderdale, Florida
- Guest speaker. **Graves, B.S.**, Hartman, M., Goldstein, E.R. (August 2007). The effects of beta alanine supplementation on neuromuscular fatigue in community-dwelling older adults. John Knox Village, Pompano Beach, Florida.
- Guest speaker. June 2007. Nutrition, exercise and aging. Women's Study Group, First Baptist Church of Hollywood, Florida.
- Invited guest speaker. September 2005. Aging—60 is the new 40. WCI Communities. Tampa, FL.
- Invited guest speaker. March 2002. Fitness and aging. Second Annual Interdisciplinary Gerontology Conference, Florida Atlantic University, Boca Raton, Florida.
- Guest speaker. 6:30 am, September 1, 2001. Rose Lee Archer's Talk Show, Palm Beach, Florida for the Fox Network, taped August 31, 2001, broadcast of Anti-Aging Solutions. Rebroadcasted nationally on Fox Cable Network.
- Guest speaker. November 14, 2000. Why exercise? The St. Ambrose Separated, Divorced, Widowed Support Group, Pompano Beach, Florida.
- Guest speaker. June 21, 2000. Exercise and aging. Delray Beach Kiwanis Club, Florida.
- Guest speaker. February 16, 1999. Women and Exercise. Women's Auxiliary, Coral Ridge Yacht Club, Fort Lauderdale, Florida.
- Guest speaker. January 9, 1998. Women and exercise, what we need to know. Boca Raton Resort and Club, Boca Raton, Florida.
- Guest speaker. April 8, 1997. Availability of cigarettes and smokeless tobacco to underage youth in Fort Lauderdale, Florida. Public Health Committee of the Health and Human Services Board of Broward County, Fort Lauderdale, Florida.

University

- Supervising Faculty. April 5, 2013. Oral presentation, Tamara Estevez, Human Consumption of Dioxins. Third Annual Undergraduate Research Symposium. Boca Campus
- Presentation. January 2013. High School Guidance Counselor Luncheon. Boca Campus.
- Presentation, October 18, 2012, Nutrition. FAU women's track team.
- Presentation. January 2011. High School Guidance Counselor Luncheon. Boca Campus.
- Presentation. January 2010. Introduction to Exercise Science and Health Promotion. Freshman orientation. Boca Campus.
- Presentation. January 19, 2010. ESHP Information. Freshman Orientation. Boca Campus.
- Presentation. November 20, 2009. Health, Aging and Fitness. Research Seminar Series. Healthy Aging Initiative. Boca Campus.
- Presentation. March 13, 2009. ESHP Information. Student orientation. Boca Campus.
- Presentation. October 13, 2006. *A twelve-week training study of the effect of creatine monohydrate supplementation on neuromuscular fatigue in community-dwelling older adults (55+)*. College of Education's Research Exchange & Luncheon: capacity building in research.
- Workshop. February 2, 2000. Essentials of fitness and training, evaluation, steroids and ergogenic aids. Undergraduate nutrition class in the College of Sciences, Davie Campus.

Department

Test Examiner for Exercise Testing laboratory classes, each semester. 2002 to 2009.
Presented HIV/AIDS Update of the Older Population to Exercise Science and Wellness Education Research Forum, FAU, Davie, Florida, November 21, 1999.
Presented Programming Exercise for American College of Sports Medicine's CEQ: Exercise and the Older Adult, one-day seminar, Florida Atlantic University, Davie, Florida, March 27, 1999.
FAU Exercise Science and Wellness Education graduate survey presented to Exercise Science and Wellness Education Research Forum, April 7, 1999.
Minors access to cigarettes in Fort Lauderdale, FL. Exercise Science Research Activity Group, FAU, Davie, Florida, November 16, 1998.
Minors Access to Cigarettes in Fort Lauderdale, Florida presented to Exercise Science and Wellness Education Research Forum, October 6, 1998.
Education and outreach program. Exercise Science Research Activity Group, FAU, Davie, Florida, November 1997.
Availability of Cigarettes to Underage Youth in Fort Lauderdale, Florida. Exercise Science Research Activity Group, FAU, Davie, Florida, February 15, 1996.
Physiological Aspects of Female Sport Diver. Presentation to Exercise Science Research Activity Group, Florida Atlantic University, Davie, Florida, October 26, 1995.

Professional Affiliations

American College of Sports Medicine, Fellow Status, (2002 to present)
American College of Sports Medicine, Health Fitness Instructor (1997 to present). Name revised to Health Fitness Specialist. In 2015, name revised to Certified Exercise Physiologist.
American College of Sports Medicine (1997 to present), member
American Physiological Society (1997 to 2005), member
International Society of Sports Nutritionists (2004 to present), member, Fellow status
National Strength and Conditioning Association (1999 to present), member
Southeast American College of Sports Medicine (1997 to present), member

Invention Disclosure

B. Sue Graves, Jordan Mayberry, Abhijit Pandya, Riki Patel, Harshal Sanghvi. (2022). Artificial Intelligence and Augmented Reality Assisted Device for Addressing Social Interventions. 2022 Annual Report, Charles E. Schmidt College of Science, Florida Atlantic University. [college-of-science-annual-report-2022.pdf \(fau.edu\)](https://www.fau.edu/college-of-science-annual-report-2022.pdf).

III. SERVICE

National Service

American College of Sports Medicine (ACSM)

President-Elect Candidate for office. Fall 2024 to Spring 2025. Other candidate was elected.
Board of Trustee Liaison, Awards & Tributes Committee. ACSM, June 2023 to July 2026.
Program Committee. ACSM, June 2023 to June 2026.
First Vice President (elected). ACSM, serve on board of trustees, June 2024 to June 2025.
Expert chosen for the Expert & Topical Chats for ACSM 2024 Annual Meeting, Topic: Academia/exercise science and health promotion.

Mentor, Leadership and Diversity Training Program. Level 2 Mentor, Dr. Nancy Uriegas, Assistant Professor, San Antonio State University. June 2024 to 2025.

Mentoring Women to Fellowship Pairing, Mentor to Dr. Alexandra Szarabajko, Columbia College, June 2024 to June 2025.

Second Vice President (elected). ACSM, serve on board of trustees, June 2023 to June 2024.

Strategic Planning Committee. ACSM, June 2023 to June 2026.

Budget and Finance Committee. ACSM, June 2023 to June 2026.

Administrative Council, ACSM, June 2023 to June 2026.

Participant, ACSM Focus Group: Strategic Planning, Meeting October 11, 2022.

Mentor, Leadership and Diversity Training Program. Level 3 Mentor, Ms. Maria Enid-Santiago, master's student, University of Puerto Rico. June 2021 to 2022. Recognized at Diversity Reception at National Meeting.

Career expert for Determining Your Career Path section of annual meeting. American College of Sports Medicine National Conference (Virtual). June 2021.

Trustee, Board of Directors, representing the regional chapter, nationally nominated and elected for 2017 to 2020.

Judge, President's Cup Competition for all regional chapters, June 19, 2020.

Member, Educators/Allied Health Workgroup, subgroup of Membership Committee, June 2019 to June 2020.

Identified as an expert for the Meet the Expert Luncheon, ACSM Meeting 2019, Orlando, Florida.

Member, Elected to ACSM Administration Board, June 2018 to June 2019.

Chair, ACSM Chapters meetings, June 2017 to June 2020.

Member, ACSM/Wolters Kluwer Educational Preconference, May 30, 2018.

Mentor. Graduate & Early Career Pre-Conference: How ACSM has influenced my career's Networking Fair Event, May 29, 2018 and 2019.

Member, Elected to ACSM Foundation Board, June 2018 to June 2019.

Mentor, Leadership and Diversity Training Program. Level 2 Mentor, Ms. Maria Enid-Santiago, master's student, University of Puerto Rico. June 2016 to 2021. Recognized at Diversity Reception at National Meeting. (Renewed each year)

Mentor, Leadership and Diversity Training Program. Level 1 Mentor, Ms. Maria Enid-Santiago, master's student, University of Puerto Rico. June 2015 to 2016. Recognized at Diversity Reception at National Meeting.

Mentor, Leadership and Diversity Training Program. Level 3 Mentor, Dr. Alicia Bryan, faculty, Columbus State University. June 2013 to 2014. Recognized at Diversity Reception at National Meeting.

Mentor, Leadership and Diversity Training Program. Level 2 Mentor, Dr. Alicia Bryan, faculty, Columbus State University. June 2012 to 2013. Recognized at Diversity Reception at National Meeting.

Member. Membership Committee, May 2013 to May 2020.

Presenter. June 2010. Aging Interest Group. Older Adult's Day.

Mentor, Leadership and Diversity Training Program. Level 2 Mentor. Brandon Hollis, Ph.D. Student, Louisiana State University. June 2008 to June 2011. Recognized at Diversity Reception at National Meeting. Seattle, Washington.

Chair. June 2005 to 2008 and June 2001 to June 2003. Interest Group on Aging.

Coordinator. June 2008. Election of Chair and Co-Chairs for Interest Group on Aging.

Member. June 2007 to June 2011. Interest Group Forums Committee.
Volunteer. 2007. Annual Meeting Blood Drive at National Meeting (New Orleans, Louisiana).
Member. June 2005 to June 2007. Interest Group Forums (ad hoc) Committee.
Member. June 2005 to 2008 and June 2001 to June 2003. Interest Group Chair/Co-Chair Meeting.
Member. June 1999 to present. Interest Group on Aging.
Proctor. November 18, 2005. Health, Fitness Instructor exam, FAU.
Lead discussion table. 2002 to 2017. Aging, table discussion, at each national conference Rathbone Memorial Breakfast.
Area representative. January 2002. Abstracts for the 2002 National Conference.
Area representative. January 2001. Abstracts for the 2001 National Conference.
Member. March 2, 2001 to March 1, 2006. Membership Committee.
Site Director. March 27, 1999. Professional Exam: Exercise and the Older Adult, one-day seminar, Florida Atlantic University, Davie, Florida.
Examiner. April 26, 1997. Health Fitness Exam, Doctor's Hospital, Coral Gables, Florida.

National Strength and Conditioning Association (NSCA)

Volunteer. June 25-26, 2025. NSCA Booth for National Athletic Trainer's Association Conference. Orlando, FL.
Mentor. July 2024 to April 2025. Leadership Training and Development Mentor, Trevor Dufner, University of Central Florida, Ph.D. student. Graduated May 2025.
Award Recipient. July 2024. NSCA 2024 Impact Award. National Conference, Baltimore, MD.
Guest Editor. Women in strength and conditioning special edition. Strength and Conditioning Journal, April 2024 to present.
Member. July 2022 to July 2025. Research Committee Executive Council. Assistant Chair of Awards Sub-Committee (2022 to 2025).
Mentor. July 2022 to July 2023. Leadership Training and Development Mentor, inaugural program.
Nominated, Spring 2022. Educator of the year.
Member. July 2019 to July 2022. Research Committee Executive Council. Chair of Scientific Programs Sub-Committee (2021-2022) and Assistant Chair of Scientific Programs Sub-Committee (2020 to 2021).
Session Chair (2). July 2019. National Conference. Washington, DC.
Reviewer abstracts. 2020, 2021, 2022, 2023, 2024
Reviewer student grants. 2020, 2021, 2022, 2023, 2024
Career Center Resume Reviewer. July 2019. National Conference. Washington, DC.
Reviewer. October 2016. Journal of National Strength and Conditioning.
Reviewer. October 2015. Journal of National Strength and Conditioning.
Invited Panelist. July 2015. **Graves, B. S.**, Stone, M., Hudy, A., and Schilling, L. Solution Session: Female Athletes and females in the field. National Conference.
Reviewer. April 2015. Journal of National Strength and Conditioning.
Reviewer. Fall 2014. Journal of National Strength and Conditioning.
Moderator and Judge. July 2014. National conference. Las Vegas, Nevada
Judge. July 2014. PhD and MS Student posters. National conference. Las Vegas, Nevada
Reviewer. April 2014 to present. National conference. NSCA Special Interest Group, review articles for website.

Reviewer. 2013. Strength & Conditioning Journal.
Judge. July 2013. National conference. PhD student posters. Las Vegas, Nevada.
Judge. July 2012. National conference. Panel of three for twenty-one Ph.D. abstracts at national conference. Providence, Rhode Island.
Session Moderator. July 2012. National conference, Providence, Rhode Island.
Member. July 2010. International Focus Group. Orlando, Florida.
Program Director. 2008 to 2020. NSCA ERP Program for department, graduate and undergraduate.
Reviewer. October 2009. NSCA Strength and Conditioning Journal.
Session Moderator. July 2009. NCSA National Conference. Las Vegas, Nevada.
Member. 2008-2009. Search Committee for new NSCA Executive Director.
Associate Editor. December 2007 to present. Strength and Conditioning Journal.
Vice-Chair, October 2007 to July 2011. Nutrition, Metabolism, and Body Composition Group Executive Council.
Session Moderator. July 2008. NCSA National Conference. Las Vegas, Nevada.
Member. 2007 to present. NSCA Research Committee.
Session Moderator. July 2007. NCSA National Conference. Atlanta, Georgia.
Scholarship reviewer. Spring 2007. Doctoral research grants.
Reviewer. Grant Review Panel. 2006 to present.
Reviewer. Research Abstract Review for National Conference. 2005 to present.
Reviewer. Fall 2003 to present. Strength and Conditioning Journal.
Reviewer. Fall 2001. Strength and Conditioning Journal.
Member. August 3, 1999 to present. Strength and Conditioning Journal Editorial Advisory Board.

Other National Service

Project finisher. Spring 2026. Loose Ends Organization, 501(3). Member since 2023.
Abstract judge (in person) for International Society of Sport Nutrition Conference, Delray Beach, Florida, June 2025.
Board Member (treasurer). March 2023 to present. Ladies, Let's Go Fishing.
Expedited Anonymous Review, April 2015, for professor under consideration for a vacancy in the Health and Human Development Department, rank of assistant professor, position #4A5228, Montana State University—Bozeman.
Editorial Board. Spring 2014 to 2018. Journal for Orthopedics and Rheumatology.
Volunteer, tutorial room host duties, March 24, 2014. SAS Global Forum, Washington, DC.
Editorial Board. Spring 2014 to Fall 2015. Journal of Exercise, Sports & Orthopedics.
Moderator, (June 2013). Three sessions for International Society of Sports Nutrition (ISSN), national conference, Las Vegas, Nevada.
Proctor, April 2012. CISSN exam. Two students.
Proctor. August 2010. CISSN exam. Ten students.
Proctor. April 2009. CISSN exam. Nine students.
Fellow Status. September 15, 2008. International Society of Sports Nutrition.
Advisory Board Member. August 29, 2008 to present. International Society of Sports Nutrition Advisory Board.
Site Director for International Society of Sports Nutrition exam. Davie, Florida. March 2007.

Interview. June 2005. Press release (quote) for American College of Sports Medicine's *Pilates and yoga programs provide welcome benefits*.

Interview. March 2005. Press release (quote) for the International Council on Active Aging.

Interview. Spring 2002. Reebok Alliance Newsletter. The Great Yoga Debate

Site Director and presenter (Programming Exercise) for American College of Sports Medicine's Exercise and the Older Adult Workshop, a Certificate of Enhanced Qualification. Davie, Florida. March 27, 1999.

External Reviewer

Tenure review for associate professor, University of Delaware, Summer 2024.

Tenure review for associate professor, Augusta University. Summer 2024.

Tenure review for associate professor, University of Wisconsin-Parkside. Spring 2015.

Reviews:

Reviewer, August 2025, Open Health Journal

Reviewer, February 2025, Journal of Aging and Physical Activity

Reviewer, December 2024 to April 2025, Journal of Sports Sciences

Reviewer, October to December 2024, Journal of American College Health.

Reviewer, July 2024, Journal of Aging and Physical Activity.

Reviewer, March 2024, Journal of Pioneering Medical Sciences

Reviewer, March 2024, Open Health Journal

Reviewer, November 2023-January 2024, Medicine & Science in Sports & Exercise (MSSE)

Reviewer, October 2023, Interactive Journal of Medical Research

Reviewer, May 2023, Medicine & Science in Sports & Exercise (MSSE)

Reviewer, October 2022, Preventive Medicine Reports

Reviewer, November 2021, Strength and Conditioning Journal.

Reviewer, August 2021, August 2024, Strength and Conditioning Journal.

Reviewer, June 2021, Journal of Strength and Conditioning.

Reviewer, March 2021, Journal of the International Society of Sports Nutrition.

Reviewer, January, March, November 2019. ISSN Journal

Reviewer, Spring 2019, Canadian Journal on Aging.

Reviewer. October 2018. Strength and Conditioning Journal.

Reviewer, July and October 2018, Canadian Journal on Aging.

Reviewer. June 2018. Strength and Conditioning Journal.

Reviewer. April 2018. Strength and Conditioning Journal.

Reviewer, March 2018. Journal of the International Society of Sports Nutrition.

Reviewer. February 2016. Behavioral Medicine.

Reviewer, November 2015, Journal of Strength and Conditioning.

Reviewer, October 2015, Journal of Strength and Conditioning.

Reviewer, July 2015, Research Quarterly for Exercise and Sport.

Reviewer, August 2014, Canadian Journal on Aging.

Reviewer, June 2014, Journal of Aging Research.

Reviewer, March 2014, Journal of Strength and Conditioning.

Reviewer. Fall 2011. Strength and Conditioning Journal.

Reviewer. August 2009. Medicine and Science in Sports and Exercise.

Reviewer. 2009 and 2010. ISSN Journal.

- Reviewer. Summer 2009 and 2010. International Journal of Sport Nutrition and Exercise Metabolism.
- Reviewer. Summer 2009, Fall 2010, Spring 2011 Summer 2013, Spring 2014. Journal of Health Psychology.
- Reviewer. Spring 2009. Strength and Conditioning/nutrition text.
- Reviewer. March 2009. Clinical Nutrition.
- Reviewer. Summer 2008. Dynamic Medicine article.
- Reviewer. Summer 2008. Physical Therapy in Sport article.
- Reviewer. October 2007. International Journal of Sport Nutrition & Exercise Metabolism article.
- Reviewer. February 2007. Journal of Cross-Cultural Gerontology.
- Reviewer. Spring 2005. Book proposal for a guide to careers and internships in sport management and exercise science. Human Kinetics.
- Reviewer. Summer 2003. Journal of Physical Activity and Aging.
- Reviewer. Spring 2002. Advances in Physiological Education. Manuscript for American Physiological Society.
- Reviewer. Spring 2002. Text book for McGraw-Hill.
- Reviewer. July 2001. Medicine in Science and Sports and Exercise Journal. Manuscript #0701-07, Dance-based aerobic exercise may improve indices of falling risk in older women.
- Reviewer. April 2001. Manuscript #105-01, Gymnastics exercises to supplement pole strength vault training. Strength & Conditioning Journal.
- Reviewer. May 2000. The fitness professional: A Perspective for the Strength and Conditioning Journal.
- Reviewer. December 1999. Journal of Strength and Conditioning, volume 21.
- Reviewer. August 3, 1999. Journal of Strength and Conditioning, Submaximal Testing for the Strength and Conditioning Specialist and Certified Personal Trainer.
- Reviewer. Spring 1999. National Strength & Conditioning article, The Role of Continuing Education in the NSCA, for Strength and Conditioning Journal.
- Reviewer. August 6, 1997. Introduction to Exercise Science. Authors: Terry and Dona Housh. Allyn & Bacon (Simon & Schuster Education Group).
- Reviewer. May 2, 1997. Administration/Management of Physical Activity and Sport. Author: David F. Anderson. Allyn & Bacon (Simon & Schuster Education Group).
- Reviewer. April 14, 1997. Introduction to Human Movement. Authors, Shea/Wright. Allyn & Bacon (Simon & Schuster Education Group).
- Reviewer. Introduction to Exercise Science. Authors: Terry and Dona Housh. Allyn & Bacon (Simon & Schuster Education Group), August 6, 1997.
- Reviewer. Administration/Management of Physical Activity and Sport. Author: David F. Anderson. Allyn & Bacon (Simon & Schuster Education Group), May 2, 1997.
- Reviewer. Introduction to Human Movement. Authors, Shea/Wright. Submitted review to Allyn & Bacon (Simon & Schuster Education Group), April 14, 1997.

Regional (Southeast American College of Sports Medicine)

Session Chair. February 2026. What's Up Doc pre-conference session. SEACSM Annual meeting. Greenville, SC.

Mentor. Kayli Lucas, University of Alabama graduate student, SEACSM Mentorship Pairing Program (new program). February 2026 to February 2027.
Sponsor/FAU. February 2026. Annual Meeting AV Team.
Mentor. Emily Miller, University of West Florida undergraduate student, SEACSM Leadership Development Training Program. February 2026 to February 2027.
Student Award Poster Reviewer. SEACSM Annual Meeting, Greenville, SC. February 2026.
Session Chair. February 2026. What's Up Doc pre-conference session. SEACSM Annual meeting. Greenville, SC.
Mentor. Jonathan Howard, Georgia Highlands College, SEACSM mentoree, February 2025 to February 2026.
Session Chair. February 2025. What's Up Doc pre-conference session. SEACSM Annual meeting. Greenville, SC.
Abstract Reviewer. October 2025. SEACSM Annual Meeting, Greenville, SC. February 2026.
Sponsor/FAU. February 2025. Annual Meeting AV Team.
Abstract Reviewer. October 2024. SEACSM Annual Meeting, Greenville, SC. February 2025.
Student Award Poster Reviewer. SEACSM Annual Meeting, Greenville, SC. February 2025.
Mentoring Award. 2024 Emily M. Haymes Mentoring Award Winner. February 2024. SEACSM Annual Meeting, Greenville, SC.
Session Chair. February 2024. What's Up Doc pre-conference session. SEACSM Annual meeting.
Session Chair. February 2023. What's Up Doc pre-conference session. SEACSM Annual meeting.
Organizer. 2008 to present. FAU ESHP majors provided audio-visual support, obtained free hotel room.
Facilitator. November 2021. Fall Lecture Tour, Physical Activity as Medium—Not Medicine—for Public Health Impact, Eduardo Bustamante, Ph.D. University of Illinois-Chicago.
Participant. February 2021. Emily Haymes Mentoring Breakfast.
Awarded. February 2020. Outstanding Service Award for entire chapter. Voted by SEACSM Board of Directors.
Subcommittee member. Emily Haymes Mentoring Breakfast. 2018-2020.
Chaired and submitted Rapid Research Session, SEACSM, February 2021, 2020, 2019, 2018 and 2017.
Grant submitted and received. December 2016. \$3000 for mentorship for student attendees.
Past President. February 2016-2017.
President. February 2015-2016.
President-elect. February 2014-2015.
Mentor. February 2015 to 2016. SEACSM's Leadership and Development Program. Mentoree, Maria Enid-Santiago, Master's student, University of Puerto Rico.
President candidate for organization. February 2014. Elected.
Mentor. February 2014 to 2015. SEACSM's Leadership and Development Program. Mentoree, Lola Fisher, Junior, Auburn University.
Session Moderator. February 2014. Southeastern American College of Sports Medicine, Columbia, South Carolina.
Mentor. February 2013 to February 2014. SEACSM's Leadership and Development Program. Mentored, Carolina Sarmento, Junior at the University of Gainesville.

Member. December 2012 to February 2013. Pilot program for Leadership and Diversity Program. Reviewed applications and mentored for program.

Chaired conference session. February 2012. ACSM Leadership & Diversity Training Program.

Judge. February 2012. Master's Research Award entries.

President candidate for organization. February 2012. Did not get elected.

Judge. February 2010 and February 2011. Student Bowl: Exercise physiology competition. Southeastern American College of Sports Medicine, Columbia, South Carolina.

Judge. February 2010. Master's posters for regional award. Southeastern American College of Sports Medicine, Columbia, South Carolina.

Session Moderator. February 2010. Southeastern American College of Sports Medicine, Columbia, South Carolina.

Session Moderator. February 2009. Southeastern American College of Sports Medicine, Columbia, South Carolina.

Committee Member. 2008 to present. Women of Southeastern American College of Sports Medicine.

President candidate for organization. February 2009. Did not get elected.

Session Chair, February 2008. Southeastern American College of Sports Medicine, Birmingham, Alabama.

Session Chair, February 2007. Southeastern American College of Sports Medicine, Atlanta, Georgia.

Member-At-Large. January 2003 to January 2005. Elected to Southeast American College of Sports Medicine Board.

Organized. January 2000 to present. Graduate Fair table. Southeast American College of Sports Medicine Annuary meetings. Various locations.

Chaired Women's Breakfast Meeting. January 1998. Southeast American College of Sports Medicines Annual Meeting, Sandestin, Florida.

HealthSouth Corporation, Birmingham, Alabama. January 1998. Southeast American College of Sports Medicine's Women's Breakfast Meeting, 26th Annual Meeting, Sandestin, Florida. \$1,000 donation for event sponsorship.

State

External Reviewer. Tenure review for associate professor, University of Wisconsin-Parkside. Spring 2015.

Completed, four-hour comprehensive HIV/AIDS for Radiology Licensing course, Florida Department of Health.2014.

External Reviewer. Assistant professor promotion to associate professor, University of South Florida. July 2012.

External Reviewer. Associate professor promotion to full professor, University of North Florida, July 2011.

External Reviewer. Assistant professor promotion to associate professor, University of North Florida, July 2007.

External Reviewer. Associate professor's promotion to full professor, University of West Florida, July 2007.

College Advisor. Florida Alliance for Health, Physical Education, Recreation and Dance, 2000 to 2007.

Local

Invited speaker. Successful Aging. Toby & Leon Cooperman Sinai Residences, Boca Raton. October 22, 2024.

Successful Aging presentation to Boca Raton Community Center, March 12, 2018.

Supervised Nova Southeastern University College of Osteopathic Medicine student in two clinical rotations, 2015 to 2016.

Attended. February 22, 2008. Childhood obesity initiative symposium. Agatston Research Foundation. South Beach, Florida.

Interview. August 1, 2007. Boca Raton Magazine. Topic: Finding the right gym.

Interview. February 25, 2007. Palm Beach Post's Healthy Living Special. *Fitness training for your real life.*

Leader. March 15, 2006. Research Mentorship Workshop. Nova Southeastern University, Davie, Florida.

Interview. February – March 2007. David Posnack's Jewish Community Center's *Chai Lights*. Posnack JCC and FAU become partners in research.

Ambassador. January 2005. Orange Bowl Committee. National Championship Game, ProPlayer Stadium, Miami, Florida.

Advisor. 2004 to 2018. John Knox Village Fitness program. Pompano Beach, Florida.

Featured. June 2000. Palm Beach Post, Article titled: Selecting a personal trainer.

Interview. July 8, 2000. The Palm Beach Post for Personal Training Article.

Completed. HIV Update 1999, Certificate of Attendance by Broward County Human Services Department, Alcohol and Drug Abuse Services Division, April 22, 1999.

Interview. March 18, 1997. Teens and Tobacco. Channel 6 Evening News, NBC Affiliate.

Volunteer and speaker. April 1996. Broward County employees' program, Davie, Florida, Nutrition in the Work Place. Broward County Cooperative Extension Service and the University of Florida, four-week program.

Florida Atlantic University Service

Coordinator. Hoot event—Exercise is Medicine on Campus with FAU Student Health, April 7, 2025.

Member, Committee for Assistant Director of Fitness and Wellness, Campus Recreation, March to present 2025.

Member, Committee for Coordinator of Fitness and Wellness, Campus Recreation. March to April 2025.

Member, Student-Athlete Well-Being Subcommittee, Fall 2024 to present.

Member. Intercollegiate Athletics Committee (FAU President appointed). Fall 2024 to present.

Learning Initiative Training for employees (required). June 2024.

Member. Radiation Safety Committee (RSC). Fall 2022 to present.

Renewed. X-ray Radiation Safety Training, May 2024-2026.

Faculty sponsor, Committee Chair. Exercise is Medicine, Campus Recreation. Fall 2022 to present.

Stride Training. October 12, 2021. Completed.

Reviewer, OURI Research Grant & Inquiry grants. November 20, 2020.

Member. Steering Committee. November 2018 to 2019. First-Generation Student Success. Division of Student Affairs and Enrollment Management.

Chair. Subcommittee for Health Science BA Degree for degree specifics (two meetings). Fall 2018 to Fall 2019.

Member. September 2017-October 2019. Oversight Committee for Health Science BA Degree, College of Science.

Member. September 2017-August 2018. FAU Advance and Association for Women in Science.

Reviewer. Summer 2017, 2018. Newell Doctoral Fellowship.

Beyond Food initiative. Raised food for FAU students in need of food with FAU Well Program, each semester starting Fall 2017 to present.

Member. Curriculum Committee for Health Science BA Degree. Spring 2016 to present.

Member. Athletic Concussion Committee. 2016-2017.

Reviewer. December 2016. Undergraduate grants for OURI.

Member. Student Affairs Search Committee (Director), Summer 2016.

Member. Graduate College Fellowship for Academic Excellence, Spring/Summer 2016, 2017, 2018.

Member. Spring 2016 to present. Health Science BA Degree Committee, College of Science. Boca Campus.

Full member. (October 2016 to 2019) Institute for Healthy Aging and Lifespan Studies. (I-HeAL member).

Member, Faculty Panel for Incoming FAU Athletes, July 22, 2016, Member, Summer 2016, FAU Athletic Department's Summer Bridge Program, invited faculty.

Member. Summer 2016. Student Affairs Committee, FAU Director for Campus Recreation.

Member. Spring to Summer 2016. Graduate Fellowship for Academic Excellence Selection Committee. FAU Graduate College.

Football recruitment breakfasts. December to February 2016-2017, December to February 2015. January 2014, 2013.

Completed. X-ray Radiation Safety Training, April 17, 2015.

Presentation. January 30, 2013. Title: "Opportunities and diversity." High School Guidance Counselor Luncheon. Boca Campus.

Mentor. (2015-16). Connections Mentoring Program, component of The Mentoring Project.

Participant. October 17, 2013. FAU human subject's protections workshop. Health Sciences Session.

Judge. April 5, 2013. Abstracts for the 3rd Annual FAU Undergraduate research symposium.

Member. March 29, 2013. FAU Department Chairs Workshop. Break-out sessions.

Panelist/presenter. January 30, 2013. Undergraduate research. Primary focus was opportunities and diversity.

Presenter and member of academic highlights panel. January 30, 2013. High School Guidance Counselor Luncheon.

Participant. January 24, 2013. Academic Affairs Leadership Team Meeting. Office of the Provost.

Member. Fall 2011- Spring 2013. Search Committee for Director for Today and Beyond Wellness. Boca Campus.

Reviewer. October 31, 2012. FAU campus recreation external program review.

Presenter and member of academic highlights panel. January 26, 2011. High School Guidance Counselor Luncheon.

Member. Spring 2010. University Student Eligibility Appeals Board. Boca Campus.

Presenter. January 19, 2010. Reviewed ESHP program, research, and possible partnerships with

athletics to Athletic Department's monthly meeting.
Member. May 2009. Student Activity Fee Committee.
Member. 2009 to present. Healthy Aging: Interdisciplinary research to improve the quality of life and the quality of care for aging Americans.
Presenter. November 20, 2009. Health and fitness programs: an interdisciplinary program preparing professionals for the FAU interdisciplinary healthy aging research seminar series.
Member. Fall 2009. Search committee for COE Dean.
Member. Summer 2009. Ad Hoc Committee for Student Activity Fees. Boca Campus.
Member. Summer 2008. Search committee for COE Interim Dean.
Presenter. March 13, 2009. FAU Campus Day, Exercise Science and Health Promotion Information for South Florida high school counselors.
Member. 2005-2007. Gerontology Interdisciplinary Conference, College of Nursing, Boca Campus.
Chair. 2003-2004. Gerontology Interdisciplinary Conference, Boca Campus. April 2, 2004.
Member, 2002-2005. Advisory Board, Student Wellness Center, Davie Campus.
Member. 2001-2002. Broward Achievement Awards for Davie Campus.
Co-chair. 2001 to 2006. FAU Gerontology Certificate Program's Conference Program Committee. Three conferences, Pathways to Successful Aging and Aging with Meaning: 21st Century Perspectives.
Graduate Faculty Status. 2000 to present.
Member. January 2001 to September 2002. The President's Task Force on Student Support.
Member. March 2000 to 2007. Gerontological Certification Program Advisory Board.
Member. 2000. University Search Committee for Student Wellness Director's position.
Member. January 25, 1999 to 2006. Student Wellness Center Advisory Board, Davie Campus.

College of Science, Florida Atlantic University (department moved to COS, 2019)

Member and Chair of Subcommittee for BA Health Sciences University Degree. 2019-2020.
Degree transferred to Exercise Science and Health Promotion Department.

College of Education, Florida Atlantic University

Member. Spring 2018 and Spring 2019. Outstanding Dissertation Award Committee.
SACS Review Program Coordinator for COE. January 2017 to December 2018. Exercise Science and Health Promotion Department.
Faculty advisor. November 12, 2013. 13th Annual Research Symposium, Unheard voices: the hidden dimensions of research. Two ESHP graduate posters.
Member. September 2013. Clinical experiences committee.
Member. Spring 2011. Outstanding Dissertation Award Committee.
Member. Spring 2010. Outstanding Dissertation Award Committee.
Member. September 2009. Clinical experiences committee.
Session Moderator. Spring 2009. SACS accreditation.
Faculty Sponsor. March 2009. Student Advisory Council's 8th Annual Research
Presenter. March 13, 2009. COE Campus Day event.
Presenter. March 9, 2009. COE Campus Day event for future freshmen.
Member. Fall 2008 to 2013. COE Academic Assessment Systems Committee.
Member. Fall 2008 to Spring 2009. Search Committee for COE Dean Position.

Member. Spring 2008 to 2009. COE Interim Dean/Dean Search Advisory Committee.
Faculty Sponsor. March 2008. Student Advisory Council's 7th Annual Research Symposium.
Member. Fall 2007 to present. Assessment Committee.
Marshall. Summer 2007. Summer ceremony commencement.
Member. 2006 to August 2013. Department Chair Committee.
Member. 2006 to August 2013. Executive Committee.
Marshall. Summer 2006, Summer ceremony commencement.
Faculty Sponsor. March 31, 2006. Student Advisory Council Research Symposium V. Pablo Costa's presentation, The effects of stretching on the risk of injury.
Facilitator. September 9, 2005. COE Retreat.
Facilitator. April 23, 2004. COE Retreat.
Member. 2003 to 2008. NCATE Committee.
Member. 1999 to 2000. Search Committee, Coordinator of Academic Programs, Davie, Florida.
Member. 2002. Strategic Planning Committee.
Participant. 2002. Open House. Davie, Florida.
Marshall. Fall 2001. Fall ceremony commencement.
Member. 1999 to 2000. Search Committee, Coordinator of Academic Programs, Davie, Florida.
Member. November 1999. Search Committee, Academic Advisor, Davie, Florida.
Member. October 1999 to 2007. Undergraduate Curriculum Committee.
Member. October 1999 to April 2000. Salary Equity Committee.
Member. March 23, 1999 to 2006. Distance Learning Committee, Boca Raton, Florida.
Member. Spring 1999. Research Committee. Award Researcher of the Year and COE Awards.
Representative. 1999. Committee for Awards for Undergraduate Advising.
Member. December 1997 to 2005. Undergraduate Petitions Committee, Boca Raton, Florida.
Member. Spring 1996. Broward Achievement Awards Committee, Davie, Florida.

Departmental Service, Florida Atlantic University

Member, Post Tenure Review committee, Fall 2023 to present..
Faculty, Cardiovascular assistant professor search committee, Fall 2022 to Spring 2023.
BA Degree Review Committee. March 16, 2021.
Instructor Search Committee. Fall 2021-Spring 2022.
Internship Committee. Fall 2017 to present.
Director, FAU Well Program, Spring 2017 to present.
Member. 1998-January 2022. Graduate Policies Committee.
Member. Fall 2016. Search committee for ESHP Leadership 1 position.
Member. November 2016-present. Internship Committee.
Chair. Fall 2015- Spring 2016. Search Committee for ESHP Biochemistry position.
Basic X-Ray Machine Operator License, May 2015 to present. Department of Health, State of Florida. Renewed every two years.
Member. 2013-2014. Search committees for ESHP Department Chair and a Health Promotion Position.
Hired, as department chair, five adjuncts to teach, 2012-2013.
Chair. Summer 2012. Search committee for temporary laboratory manager.
Chair. Spring 2012. Search committee for temporary laboratory manager.
Member. Spring 2012. Search committee for health assistant professor position.
Member. Spring 2012. Search committee for instructor position.

Member. Spring 2012. Search committee for strength and conditioning position.
Chair. Summer 2011. Search committee for visiting instructor position.
Chair. Summer 2011. Search committee for temporary laboratory manager/adviser.
Chair. Summer 2011. Search committee for secretary position.
Chair. Fall 2010. Search committee for senior secretary position.
Chair. Summer 2010. Search committee for visiting instructor/assistant professor position.
Member. Spring 2009. Search committee for exercise physiology position.
Chair. Spring 2009. Search committee for visiting instructor/assistant professor position.
Chair. Spring 2009. Search committee for senior secretary position.
Chair. Summer 2008. Search committee, visiting instructor position (health).
Member. 2006-2008. Undergraduate Curriculum Revision.
Chair. 2006-2007. Faculty Search Committee.
Chair. 2005-2006, Search Committee for assistant professor position (health).
Faculty Advisor. 2006-2007, ESHP Club.
Evaluator. 2004-2009. Exercise Testing practical exams for Dr. Zoeller, each semester.
Chair. 2004-2005. Search Committee for assistant professor health position.
Faculty Mentor. Fall 2004.
Coordinated. March 22, 2004. Health professions graduate school fair. Boca Campus.
Member. Spring 2004. Search committee for kinesiology position.
Coordinator. February 2004. Human Motion: An Integrated Approach to Functional Training.
Member. Spring 2003 to 2013. Doctor of philosophy degree planning committee.
Member. Spring 2003. Search committee for biomechanics/kinesiology position.
Coordinator. July 2002. National Strength and Conditioning Association's Recognition Program in strength and conditioning.
Coordinator. April 2002. Integrated Functional Training Seminar.
Faculty advisor. January 2002. Health Fair.
Administration. Fall/Spring 2002. Submitted new courses for curriculum.
Member. Spring 2001. Search committee for Health Position.
Member. Spring 2001. Search committee for Exercise Physiology Position.
Faculty Advisor. 2001-2002. Exercise Science and Health Promotion Student Club.
Organizer. March 2001. Open House for Department of Exercise Science and Health Promotion.
Member. 1998-2016. Media committee.
Member. 1998-2015. Direction/Curriculum committee.
Chair. Spring 1999 to present. Brochure committee for department.
Member. Spring 1999. Search Committee for Health Educator position,
Member. 1998 to present. Undergraduate Advisement handbook. Spring
Assistant. 1998. National Run to Work Day/Exercise Science and Wellness Education Majors.
Member. Fall 1997 to Spring 1998. Undergraduate Course Revision Committee.
Member. Fall 1997 to 2002. Undergraduate Advisement Committee.
Member. Fall 1997 to Spring 1998. Search Committee, faculty position for Boca campus.
Member. Spring 1997. Search Committee, Physical Therapy clinical coordinator position for Davie campus.

Local (Community)

Organizer. Open House for Exercise Science and Health Promotion Department, September 2009.

Food bank volunteer. 2003 to 2011. First Baptist Church of Hollywood, Florida.
Education Director. 2003 to 2007. First Baptist Church of Hollywood, Florida.
Volunteer fund-raiser. 2004-2008. The Billfish Foundation (a Rockefeller Charity).
Volunteer fund-raiser. 1988 to 2006. Computers and other supplies for elementary schools in
The Bahamas.
Organizer. Open House for Department of Exercise Science and Health Promotion, March 2001.

Thesis Committees (ESHP Department unless noted otherwise)

Dissertation committee member, Harshal Sangvhi. An artificial intelligence driven framework for medical imaging. College of Computer & Electrical Engineering and Computer Science. Summer 2022 to Summer 2023.

Thesis Chair. Summer/Fall 2017. Jared Perlmutter (changed to non-thesis).

Thesis Committee. Spring 2014 to 2016. Elizabeth Pittinger. Does substrate utilization vary between oophorectomized previvors and age-matched premenopausal women?

Thesis Committee. Fall 2013 to 2015. Alex Klemp. The effects of high and low repetition daily undulating periodization models with equated volume on strength and hypertrophy in trained males.

Thesis Chair. Spring 2012 to Summer 2013. Keith Brazendale. An empirical study of children's enjoyment and perceived competence in physical education and its effects on their physical activity participation outside of school.

Thesis Committee. Fall 2011 to Spring 2012. Kelley Rhoads. An educational tobacco intervention: Impact of the health belief model on college students.

Thesis Committee. Fall 2010 to Fall 2011. Frederick Feil. The effects of compression socks worn post exercise on muscle damage/soreness.

Thesis Committee. Spring 2010 to Summer 2011. Corine Stinson. Anti-carcinogenic effects of anthocyanins and genistein in MCF-7 human breast cancer cells. College of Science. (Graduated summer 2011).

Thesis Chair. Spring 2010. Flavia Pereira. Comparison of female volleyball performance, inside and outdoor courts. Changed to non-thesis, summer 2010.

Thesis Committee. 2007-2009. Janelle Hamilton. Phytochemical Alternative Treatments to Cervical Cancer. College of Science. Changed to non-thesis, summer 2009).

Thesis committee. 2006 to 2008. Michelle Johnson. Therapeutic options for the treatment of breast cancer using Cytoreg[®] and genistein isoflavone. College of Science. (graduated summer 2008).

Thesis committee. 2006 to 2007. Karen Hooks. Comparing the use of a business plan with a community intervention model in a volunteer project of a not-for-profit agency. (graduated summer 2007).

Thesis chair. 2006 to 2007. Pablo Costa. The acute effects of static stretching on balance, reaction time, and movement velocity. (graduated summer 2007)

Thesis committee. 2005 to 2006. Sreedevi Bodepudi, Genistein targets only proliferating but not quiescent cells: potential therapeutic significance in breast cancer. College of Science (graduated Spring 2006).

Thesis committee. 2003 to 2006. Priscilla Goodwin. The relationship among commuting, dietary, and exercise behaviors in college students (graduated Summer 2006)

Thesis chair. 2004-2005. Michael Haber. (transferred to another school)

Thesis chair. 2003 to 2004. Elaine Coetzee. (changed to non-thesis option)

- Thesis chair. 2002 to 2005. Jill Vinci. Influence of Pilates mat-based exercise on lower back pain. (completed May 2005)
- Thesis chair. 2002 to 2004. Jennah Dodge. Assessing influences of dietary supplement use in South Florida adolescent athletes. (completed Fall 2004)
- Thesis committee. 2001 to 2003. Kenric Lai. Different methods of improving hamstring flexibility. (completed 2003)
- Thesis committee. 2002 to 2003. Patti Burns. Chest pain monitor: a gender comparison of diagnostic treatments in the emergency department. (graduated August 2003)
- Thesis committee. 2002. Valerie Duggan. Protein supplementation's effects on tennis performance. (changed to non-thesis option)
- Thesis committee. 2000 to 2002. Robert Fernandez. The effects of smokeless tobacco on heart rate variability. (changed to non-thesis option)
- Thesis chair. 2000 to 2001. Helayne Schurr. Effects of Tai Chi Practice on Postural Strategy. (changed to non-thesis option)
- Thesis committee. 2000 to 2002. Carlye Barat. Short-term effects of a comprehensive employee wellness program on cardiovascular risk factors. (graduated)
- Thesis committee. Fall 1999 to December 2001. Jim Roberts. The scapula's role for optimizing recruitment of the pectoralis major during the supine dumbbell chest press. (graduated)
- Thesis committee. Fall 1999 to 2001. Connie Sol, Changes in ground reaction forces utilizing the Pose Method of running. (graduated)
- Thesis committee. Spring 2000 to Fall 2001. Victoria Von Ammon. Lifetime exercise mode and the propensity of falling in older adults. (graduated)
- Thesis committee. Spring 2000 to Spring 2002. Nancy Howard. Effects of gravitron training on upper body strength in 11-13 year old students. (graduated)
- Thesis chair. Summer 1999 to Spring 2000. Corrie Miller. Evaluation of Tobacco 411 Programs. (changed to non-thesis option)
- Thesis committee. Fall 1998 to Summer 2000. Lenny Lee. The effects of smokeless tobacco on heart rate variability. (changed to non-thesis option)
- Thesis committee. Fall 1998 to Summer 2000. Joshua Miller. The role of airflow limitation in exercise-induced arterial hypoxemia. (graduated)

Courses Taught:

Undergraduate Teaching (Florida Atlantic University)

- HSC 4104, Stress Management (new prep, Fall 2020)
- HSC 4143, Substance Abuse (new prep, Summer 2020)
- HSC 3102, Perspectives in Health and Wellness
- HSC 4581, Health Promotion
- HSC 4149, Weight Management
- PEO 4204, Teaching Team Sports
- PEP 3136, Exercise Leadership II
- PEP 4720, Programming Exercise for the Older Adult (Developed this course)
- PET 3102, Introduction to Exercise Science and Health Promotion (Developed this course from two credits to three)
- PET 4330C, Kinesiology
- PET 4402, Programming Exercise for the Older Adult (Developed this course)

PET 4404, Management Principles in Exercise Science and Health Promotion
PET 4551, Fitness Assessment and Exercise Prescription
PET 4720C, Physical Education in the Elementary School
PET 4905, Professional Seminar
PET 4905, Directed Independent Study
PET 4930, Special Topics: Exercise and the Older Adult
PET 4946, Internship
PET 4947, Practicum

Graduate Teaching (Florida Atlantic University)

HSC 5303, Personal and Community Health
HSC 5315, Teaching Health in the Elementary School
HUN 6247, Advanced Sport Nutrition
PET 5417, Programming Exercise for the Older Adult (Developed this course)
PET 5930, Special Topics: Programming Exercise for the Senior Citizen
PET 5947, Practical Applications
PET 6112, Management of Organizational Behavior in Health/Fitness Programs
PET 6116, Entrepreneurship in Health and Fitness Industry
PET 6146, Professional Issues: Exercise Science and Health Promotion
PET 6146, Professional Seminar in Exercise Science and Health Promotion (name change)
PET 6216, Behavior and Performance in Sport and Exercise
PET 6505, Research and Evaluation
PET 6905, Directed Independent Study
PET 6971, Master's Thesis
SPM 6116, Entrepreneurship for Health Fitness Industry

Directed Independent Studies

PET 4916, Directed Independent Research, Undergraduate students

- Spring 2025, Research Older Adults, Frances Alexandre, 2 credits
- Spring 2025, Research Older Adults, Juliet Espinal, 2 credits

PET 4905, Undergraduate students

- Fall 2025, Parkinson's research, Solgiana Pierre-Giles, 3 credits
- Summer 2024, Parkinson's research, Lea Goldenberg, 3 credits
- Fall 2021, Chronic Fatigue Syndrome, Hailey Newgent, 3 credits
- Spring 2021, Research-Older Adult, Jason Mintz, 3 credits
- Spring 2021, Research-Older Adult, Hannah Kappeler, 3 credits
- Fall 2020, Virtual Training for Older Adults, Jason Mintz, 3 credits
- Fall 2020, Research with Older Adults, Xavier Walden, 3 credits
- Spring 2020, Fit Training Gerontology, Stephanie Poole, 3 credits
- Fall 2020, Virtual Training for Older Adults, Jason Mintz, 3 credits
- Fall 2020, Research with Older Adults, Xavier Walden, 3 credits
- Fall 2019, Technology Training, Sigourney Kame, 3 credits
- Fall 2019, Training-Older Adult, Stephanie Poole, 2 credits
- Summer 2019, Research-Older Adult, Kelly Moriarty, 3 credits
- Spring 2019, Research-Older Adult, Lindsey Wieselthier, 3 credits
- Fall 2018, Older Adult Training, Pam Valverde
- Spring 2018, Research-Vegan Health, Marek Madro, 3 credits
- Spring 2017, Older Fitness, A. Kramer, 3 credits
- Spring 2016, Research-Concussion, Guslyayev, S, 3 credits
- Summer 2015, Research-Concussion, Kristin McKenna, 3 credits
- Fall 2013, Peer Education-Sexual, Annie Cooper, 3 credits
- Summer 2007, Health Fair Assistant, Ximena Goddard, 3 credits
- Summer 2007, Health Fair Manager, Erica Goldstein, 3 credits
- Fall 2006, Research Writing, Camille Rowe, 3 credits
- Fall 2006, Health Fair Assistant, Genevieve Cartier, 2 credits
- Spring 2004, Gerontology Conference, Peter Povoli, 2 credits

PET 6905, Graduate students

- Fall 2025, Research and Older Adults, Justin Parkins, 3 credits
- Spring, 2024, Parkinsons and Older Adults, Jodi Morawiec, 3 credits
- Spring, 2024, Parkinsons and Older Adults, Spencer Ingolia, 3 credits
- Spring, 2024, Parkinsons and Older Adults, Lea Goldenberg, 3 credits
- Fall 2023, Concussion and Balance, Treja Wright, 3 credits
- Summer 2019, Research-Concussion, Brady Armitage, 3 credits
- Fall 2017, Research Trazer 2, Anna Speranza, 3 credits
- Summer 2017, Research Trazer, Anna Speranza, 1 credit hour
- Summer 2017, Research VOMS, Anna Speranza, 1 credit hour
- Summer 2016, Research-Concussion, Jared Perlmutter, 3 credits
- Spring 2016, Swimming Analysis, Dulce Segales, 3 credits
- Spring 2015, Concussion Research, Brittany McGregor, 3 credits
- Summer 2013, Research-Strength and Conditioning, Samuel Buckner, 3 credits
- Spring 2013, Exercise is Medicine 2, Sarah Burton, 3 credits
- Spring 2013, Sports-Combative, Jessica Rhoads, 3 credits

- Spring 2013, Advanced Fitness Testing, Samuel Buckner, 3 credits
- Spring 2013, Research-Swimming, Elizabeth Pittinger, 3 credits
- Summer 2013, Research-Strength and Conditioning, Samuel Buckner, 3 credits
- Spring 2011, Departmental Research, Sarah Rew, 3 credits
- Fall 2012, Exercise is Medicine, Sarah Burton, 3 credits
- Fall 2012, Soccer Conditioning 2, Keith Brazendale, 3 credits
- Summer 2012, Soccer Conditioning, Keith Brazendale, 3 credits
- Spring 2012, Strength Programs, Jae Hwan Song, 3 credits
- Spring 2012, Strength Programs 2, Nicole Armstrong, 1 credit
- Fall 2011, Exercise is Medicine, Korey Kilsdonk, 3 credits
- Fall 2010, Caffeine Research, Flavia Pereira, 3 credits
- Summer 2010, Nutrition Curriculum, Dara Wittenberg, 3 credits
- Summer 2010, Strength Programs, John Hughes, 3 credits
- Summer 2010, Strength Programs, Delonyx Cortez, 3 credits
- Summer 2010, Strength Programs, Shirley Rojas, 3 credits
- Summer 2010, Strength Programs, Brian Binkley, 3 credits
- Summer 2009, Soccer Conditioning, Sarah Samad, 3 credits
- Summer 2009, Laboratory Manual, Nina Markel, 3 credits
- Spring 2009, Caffeine Research, Brian Klepacki, 3 credits
- Spring 2009, Fitness Programs, Jaime Malta, 3 credits
- Summer 2008, Strength Programs, Mike Junewicz, 3 credits
- Spring 2008, Athletic Performance, Mike Junewicz, 3 credits
- Fall 2008, Training for Sport, Brittany Gonzales, 2 credits
- Fall 2008, Caffeine Literature Review, Erica Goldstein, 2 credits
- Summer 2007, Research Writing, Pablo Costa, 2 credits
- Spring 2007, Health Fair Assistant, Beth Greenwald, 3 credits
- Fall 2003, Gerontology Conference, Elaine Coetzee, 2 credits

Other instructional effort

- Supervised (Spring 2016 and Summer 2016) Robert St. Clair, Nova Southeastern University College of Osteopathic Medicine, Clinical rotation regarding Equi-Test and concussion instruction
- Taught classes to collect data for dissertation (Spring 1972), A Comparison of Fundamentals of Physical Education, Intermediate Swimming, and Progressive Weight-Training, Within and Between Groups Relative to Selected Elements of Fitness in Females for E. Lamar Watkins, East Texas A & M University—Commerce (Dr. Jarrell Gray, advisor).

Honors or Awards

Florida Atlantic University

Research Spotlight. October 2024. Brain Waves publication for article, Assessed gender-based differences in stress and coping strategies among undergraduate students (Plos).
FAU Distinguished Mentor of the Year Award. Applied, Spring 2024. Did not receive.

Certificate of Completion. Eliminate Campus Sexual Violence. November 12, 2014.
Recognized for outstanding service, Department Chair. August 2013.
Certificate of Training. Updated, March 2020, March 20, 2013, November 29, 2011. Original date, September 25, 2006. OSHA Bloodborne Pathogens. FAU Environmental Health and Safety.
Recognition. December 17, 2010. Named 'schedule hero' in email by Dr. Michael Armstrong, Associate VP of Enrollment Management. Department met ESHP student demands for classes.
Nominated. March 2010. President's Leadership Award.
Received Broward Campus Award. April 27, 2007. Owl Award.
Honorary coach. November 18, 2006. FAU vs. FIU football game, Dolphin Stadium.
Service Award. April 11, 2006. Ten years of service to university.
Received sabbatical. Spring Semester 2005.
Employee reward. June 2002. Outstanding contribution/commitment to FAU.
Finalist. Spring 2002. College of Education Distinguished Teacher of the Year.
Club Advisor of the Year Award for the Leadership Awards (runner-up). May 2001. Davie Campus.
Nominated. October 2000. Florida Atlantic University Broward Achievement Faculty/Staff of the Year Award.
Received award. December 1998. Teaching Incentive Program (TIP).
Nominated. Spring 1998. FAU's Excellence in Undergraduate Advising Award.

Other

Article featured, June 4, 2025, 'Eye on Health: AI detects dizziness and balance disorders remotely. Written by Gisele Galoustian. <https://www.fau.edu/newsdesk/articles/eye-movements-diagnostic-analysis>.

Article featured. May 6, 2025. FAU seeing seniors to help map Parkinson's effects on exercise, cognitive abilities and how we age. Written by Steve Dorfman. <https://www.palmbeachpost.com/story/news/healthcare/2025/05/06/fau-is-looking-for-seniors-to-participate-in-new-research-study-on-parkinsons-disease-healthy-aging/83148693007/>.

Article featured. April 16, 2025. Boca News Now (online). FAU seeks volunteers for groundbreaking medical study. <https://bocanewsnow.com/2025/04/16/fau-seeks-volunteers-for-groundbreaking-medical-study/>.

Participant. January 25 to 27, 2018. Selected for McGraw-Hill Symposium, Fitness & Wellness: Teaching in the Digital Age. One of twenty faculty selected to attend. New Orleans, LA.

Awarded. March 23-26, 2014. SAS Global Forum Faculty Scholarship. Value \$375, included conference registration and preconference tutorial. Ninety applications, only ten selected.

Volunteer Coordinator. March 24, 2014. Book Drive Volunteer. SAS Global Forum. Washington, DC.

Listed. 2006-2007. American College of Sports Medicine's Leadership Manual.

Volunteer. January 4, 2005. FedEx Orange Bowl, pregame/halftime show.

Volunteer greeter. January 2, 2005. Met arriving flights, Fort Lauderdale airport, attendees, FedEx Orange Bowl.

Article featured. August 2004. Home web page of the National Strength and Conditioning Association for a week as significant research (Past and recent physical activity and bone

mineral density in college-aged women).
Feature. Boca Raton News, Article titled: Professors, assistant professors publish manuscripts, books. Monday, June 26, 2000.
Certificate of Appreciation. Florida Nutrition Program and University of Florida Cooperative Extension Service, Fort Lauderdale, Florida, September 26, 1997.
Alumni. Delta Zeta Sorority.

Merit (Florida Atlantic University)

Received Superior Meritorious Performance Award. (2007).
Superior Meritorious Performance Award. (2006).
Received Meritorious Performance Award. (2005)
Received Superior Meritorious for Annual Merit. (2004)
Superior Meritorious Performance Award. September 22, 2000.
Superior Meritorious Performance Award. October 15, 1999.
Meritorious Performance Award. October 15, 1998.

Continuing Education

Promoting active learning online (ACUE). March 16 to May 3, 2026.
Inspiring inquiry and lifelong learning in your online course (ACUE). January 20 to March 8, 2026.
CPR certification, renewed, January 2026 to 2028.
Creating a productive learning environment (ACUE). October 13 to December 7, 2025.
Charles E. Schmidt College of Science Teaching Forum, August 13, 2025.
Promoting Active Learning Course (ACUE), FAU, August 25 to October 12, 2025.
Course completion. Information Security Refresher Course. March 26, 2025.
Course completion. Collaborative Institutional Training Initiative (CITI Program). Biomedical Research Investigators—Basic Course. August 19, 2024 to August 19, 2027.
Course completion. Collaborative Institutional Training Initiative (CITI Program). Information Privacy and Security (IPS) for Clinical Investigators. August 19, 2024 to August 19, 2027.
Course completion. Collaborative Institutional Training Initiative (CITI Program). Biomed Refresher 2. August 19, 2024 to August 19, 2027.
CPR certification, renewed, January 2024 to 2026.
COCE, Online course development and internal review process for HSC4139, Weight Management, January 23, 2024 to June 2024 (completed).
COCE, Certificate of Completion for online course development and internal review process for HSC4104, Stress Management completed May 15, 2023.
COCE, Certificate of Completion for online course development and internal review process for PET4404, Management principles in ESHP, completed November 3, 2022.
CPR certification, renewed, January 29, 2022 until 2024.
COCE Flex/Online Teaching Orientation, FAU Center for Online and Continuing Education, May 5, 2020.
2020 Teaching Online Orientation Completion Badge for the FAU COCE Teaching Online Orientation, FAU Center for Online and Continuing Education, May 8, 2020
Certificate of Training, Radiation Safety, April 5, 2016.
Trazer equipment training. August 2015.
Natus training on the Equi-Test equipment. August 15-16, 2015. Chicago, Illinois.

DXA certification, Spring 2015, Florida Department of Health. Renewed every two years to date.

FAU x-ray safety course, Spring 2015.

4-Hour Comprehensive HIV/SIDS for Radiology Licensing. Provider number, 3201064. April 16, 2014.

E-Learning course. Fall 2014. Successfully completed CEL 1001: e-learning designer and facilitator certification course (November 15, 2013).

Training. October 13, 2013. Health Sciences Training for Researchers, FAU IRB.

COSMED training on Quark metabolic system, cycle ergometers, and Excaliber ergometer. July 2013.

Training. March 29, 2013. Chair Director Workshop. FAU Provost Office.

Member. February 27, 2013. Faculty Advisory Board meeting: FAU Healthy Aging Research Initiative (HARI).

Biological Waste, Laboratory Safety, and Hazardous Waste Awareness & Handling. May 2013. Original training, September 30, 2004. FAU.

Bod Pod Training, May 13, 2011. Completed at FAU in ESHP Department through Cosmed Corporation.

Renewed. April 15, 2010. CITI (Collaborative Institutional Training Initiative). Training through FAU.

Fire Safety and Fire Extinguisher Training. May 2011. Original training, October 25, 2004. FAU.

Golf Cart Training. Fall 2009. FAU.

Renewed. Fall 2008. CITI Training through FAU.

Completed. Fall 2006. FAU PeopleAdmin Training.

Completed. Fall 2006. FAU Banner Training (e-print and two other sessions).

Completed. October 25, 2004. FAU Environmental Health & Safety Certificate.

Attended. October 2003. North American Association for the Study of Obesity. Fort Lauderdale, Florida.

Completed. 2002 to present (updates). FAU OSHA Bloodborne Pathogens Training.

Completed. April 6, 2002. Integrated Functional Training (7 hours). Florida Atlantic University and Memorial Hospital West Fitness and Rehabilitation Center.

Completed. 2001. National Institutes of Health Human Participant Protections Education for Research Completion Certificate.

Completed. 2001. OSHA Bloodborne Pathogens Training. Florida Atlantic University.

Training. 2000. NeuroCom Balance Master Clinical Integration Seminar, Portland, Oregon.

Completed. April 22, 1999. HIV Update, Certificate of Attendance by Broward County Human Services Department, Alcohol and Drug Abuse Services Division, Fort Lauderdale, Florida.

Health risks behaviors program: training module. June 28-July 3, 1998. Florida Tobacco Pilot Program: 1998 Summer Institutes, Saddlebrook, Wesley Chapel, Florida.

Certification of Enhancement: Exercise and the Older Adult. 1997. American College of Sports Medicine.

Health/Fitness Instructor (changed to Health Fitness Specialist). 1997 to present. Certified. American College of Sports Medicine.