

CURRICULUM VITAE

Chun-Jung “Phil” Huang, Ph.D., FACSM

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Updated: 10/21/2022

EDUCATION

- 2006/8 - 2009/7** **VIRGINIA COMMONWEALTH UNIVERSITY**, Richmond, VA
Doctor of Philosophy in Rehabilitation and Movement Science
(Exercise Physiology)
Dissertation Title: The Impact of Mental Challenge on Indicators of Endothelial Function in Obese Individuals
Dissertation Committee Members:
 - Edmund O. Acevedo (Chair), Brent L. Arnold, Ronald K. Evans, John J. Ryan, Jennifer K. Stewart
- 2005/1 - 2006/7** **UNIVERSITY OF MISSISSIPPI**, Oxford, Mississippi
Doctoral Program (Exercise Physiology)
Advisor: Edmund O. Acevedo, Ph.D., FACSM
- 2003/8 - 2004/12** **INDIANA STATE UNIVERSITY**, Terre Haute, Indiana
Master of Science in Exercise Science (Exercise Physiology)
Thesis Title: Physiological Determinants of Rowing Performance
Thesis Committee Members:
 - Thomas W. Nesser (Chair), Jeffrey E. Edward, Jeffrey L. Alexander
- 1996/9 - 2000/6** **FU JEN CATHOLIC UNIVERSITY**, Taipei, Taiwan
Bachelor of Science in Physical Education

EMPLOYMENT HISTORY

- 2020/8 – present** **Professor (Tenure)**
Director of Exercise Biochemistry Laboratory
Department of Exercise Science and Health Promotion
Florida Atlantic University
Boca Raton, Florida
- 2016/8 – 2020/7** **Associate Professor (Tenure)**
Director of Exercise Biochemistry Laboratory
Department of Exercise Science and Health Promotion
Florida Atlantic University
Boca Raton, Florida
- 2012/8 – 2018/10** **Adjunct Professor**
Graduate Kinesiology Program
A.T. Still University
Mesa, Arizona

- 2010/8 – 2016/7** **Assistant Professor (Tenure Track)**
Director of Exercise Biochemistry Laboratory
 Department of Exercise Science and Health Promotion
 Florida Atlantic University
 Boca Raton, Florida
- 2009/8 - 2010/7** **Visiting Assistant Professor**
 Department of Exercise Science and Health Promotion
 Florida Atlantic University
 Boca Raton, Florida
- 2006/8 - 2009/7** **Graduate Teaching & Research Assistant**
 Department of Health and Human Performance
 Virginia Commonwealth University
 Richmond, Virginia
- 2005/1 - 2006/7** **Graduate Teaching & Research Assistant**
 Department of Health, Exercise Science, and Recreation Management
 University of Mississippi
 Oxford, Mississippi
- 2004/1 - 2004/12** **Computer Consultant**
 Computer Lab
 Indiana State University
 Terre Haute, Indiana

SCHOLARSHIP AND RESEARCH

PUBLISHED BOOK CHAPTERS

- ❖ **Huang, C-J.**, Khamoui A.V., Slusher, A.L., & Fico, B.G. (2020). Chapter 11: Cardiovascular Reactivity and Stress. The Handbook of Research Methods in Health Psychology. ***Taylor & Francis/Routledge: New York, NY.***
- ❖ **Huang, C-J.**, McAllister, M.J., & Slusher, A.L. (2017). The Roles of Psychological Stress, Physical Activity, and Dietary Modifications on Cardiovascular Health Implications. The Oxford Encyclopedia of Sport, Exercise, and Performance Psychology. ***Oxford University Press: New York, NY.***
- ❖ **Huang, C-J.**, Johnson, A., & Herrick, J.E. (2013). Chapter 5: Lifespan Effects of Aging and Deconditioning. American College of Sports Medicine's Resource Manual for Guideline for Exercise Testing and Prescription (7th edition). ***Lippincott Williams & Wilkins: Philadelphia, PA.***

- ❖ Acevedo, E.O., Webb, H.E., & **Huang, C-J.** (2012). Chapter 10: Cardiovascular Health Implications of Combined Mental and Physical Challenge. The Oxford Handbook of Exercise Psychology. *Oxford University Press: New York, NY.*

PEER REFEREED PUBLICATIONS

(†Graduate Mentee; *Undergraduate Mentee)

- ❖ Estébanez, B., **Huang, C-J.**, Rivera-Viloria, M., Gonzalez-Gallego, J., & Cuevas, M.J. (2022). Exercise Outcomes in Childhood Obesity-Related Inflammation and Oxidative Status. *Frontiers in Nutrition*, 9: 886291.
 - ❖ Ahmadabadi, F., Nakhaei, H., Mogharnasi, M., & **Huang, C-J.** (2021). Aerobic Interval Training Improves Irisin and Chemerin Levels of the Liver and Visceral Adipose Tissues, Circulating Asprosin, and Cardiometabolic Risk Factors in Rats with Metabolic Syndrome. *Physiology International*, 108: 383-397.
 - ❖ †Estébanez, B., Visavadiya, N.P., de Paz, J.A., Whitehurst, M., Cuevas, M.J., Gonzalez-Gallego, J., & **Huang, C-J.** (2021). Resistance Training Diminishes the Expression of Exosome CD63 Protein Without Modification of Plasma miR-146a-5p and cfDNA in the Elderly. *Nutrients*, 13: 665.
 - ❖ Ahmadabadi, F., Saghebjoo1, M., Hedayati, M., Hoshyar, R., & **Huang, C-J.** (2021). Treatment-induced Tumor Cell Apoptosis Following High-Intensity Interval Training and Saffron Aqueous Extract in a Mouse 4T1 Breast Tumor Model. *Physiology International*, 108: 19-26.
 - ❖ †Slusher, A.L., †*Fico, B.G., †*Dodge, K.M., Garten, R.S., †Ferrandi, P.J., †*Rodriguez, A.L., Pena, G., & **Huang, C-J.** (2021). Impact of Acute High-Intensity Interval Exercise on Plasma Pentraxin 3 and Endothelial Function in Obese Individuals – A Pilot Study. *European Journal of Applied Physiology*, 121: 1567-1577.
 - ❖ Estébanez, B., Jiménez-Pavón, D., **Huang, C-J.**, Cuevas, M.J., Gonzalez-Gallego, J., (2020). Effects of exercise on exosome release and cargo in *in vivo* and *ex vivo* models: A systematic review. *Journal of Cellular Physiology*, 236: 3336-3353.
- Tytell M and Robinson M: Faculty Opinions Recommendation of [Estébanez B et al., J Cell Physiol 2020]. In Faculty Opinions, 2020 November; 10.3410/f.738823138.793579942. <https://facultyopinions.com/prime/738823138#eval793579942>
- ❖ †Estébanez, B., †* Rodriguez, A.L., Visavadiya, N.P., Whitehurst, M., Cuevas, M.J., Gonzalez-Gallego, J., & **Huang, C-J.** (2020). Aerobic Training Down-regulates Pentraxin 3 and Pentraxin 3/Toll-like Receptor 4 Ratio, Irrespective of Oxidative Stress Response, in Elderly Adults. *Antioxidants*, 9: E110.

- ❖ Ahmadabadi, F., Saghebjoo, M., **Huang, C-J.**, Saffari, I., & Zardast, M. (2020). The Effects of High-intensity Interval Training and Saffron Aqueous Extract Supplementation on Alterations of Body Weight and Apoptotic Indices in Skeletal Muscle of 4T1 Breast Cancer-Bearing Mice with Cachexia. *Applied Physiology, Nutrition, and Metabolism*, 45: 555-563.
 - ❖ **Huang, C-J.**, †*Rodriguez, A.L., Visavadiya, N.P., †*Fico, B.G., †Slusher, A.L., †Ferrandi, P.J., & Whitehurst, M. (2022). An Exploratory Investigation of Apoptotic and Autophagic Responses in Peripheral Blood Mononuclear Cells Following Maximal Aerobic Exercise in Obese Individuals. *Archives of Physiology and Biochemistry*, 128: 209-216.
 - ❖ Quiles, J.M., Klemp, A., Blanco, R., Dolan, C., Maharaj, A., **Huang, C-J.**, Khamoui, A.V., Whitehurst, M., Zourdos, M.C. (2019). Impact of Resistance Training Program Configuration on the Circulating Brain-Derived Neurotrophic Factor Response. *Applied Physiology, Nutrition, and Metabolism*, 45: 667-674.
 - ❖ †*Rodriguez A.L., Whitehurst, M., †*Fico, B.G., †*Dodge, K.M., †Ferrandi, P.J., Pena, G., *Adelman, A. & **Huang, C-J.** (2018). Acute High-Intensity Interval Exercise Promotes a Greater BDNF Response than Continuous Moderate-Intensity Exercise in Obese Individuals. *Experimental Biology and Medicine*, 243: 1153-1160.
- *** This article was selected as a highlight research for Experimental Biology and Medicine's 243:14 issue and also published on FAU research news website (<https://www.fau.edu/newsdesk/articles/hiie-obesity-cognition.php>) and other media websites, such as Runner's World (<https://www.runnersworld.com/news/a25589773/hiit-workouts-improve-cognitive-function/>).
- ❖ †Bao, F., †Slusher, A.L., Whitehurst, M., & **Huang, C-J.** (2018). Circulating MicroRNAs Are Upregulated Following Acute Aerobic Exercise in Obese Individuals. *Physiology & Behavior*, 197: 15-21.
 - ❖ †Slusher, A.L., Whitehurst, M., †*Maharaj, A., †*Dodge, K.M., †*Fico, B.G., Mock, J.T. & **Huang, C-J.** (2018). Plasma Pentraxin 3 and Glucose Kinetics to Acute High-Intensity Interval Exercise versus Continuous Moderate-Intensity Exercise in Healthy Men. *Applied Physiology, Nutrition, and Metabolism*, 43:1233-1238.
 - ❖ †Ferrandi, P.J., †*Fico, B.G., Whitehurst, M., Zourdos, M.C., †Bao, F., †*Dodge, K.M., †*Rodriguez, A.L., Pena, G., & **Huang, C-J.** (2018). Acute High-Intensity Interval Exercise Induces a Comparable level of Circulating Cell-Free DNA and Interleukin-6 in Obese and Normal-weight Individuals. *Life Sciences*, 202: 161-166.
 - ❖ †*Fico, B.G., Whitehurst, M., †Slusher, A.L., Mock, J.T., †*Maharaj, A., †*Dodge, K.M., & **Huang, C-J.** (2018). The Comparison of Acute High-Intensity Interval Exercise vs. Continuous Moderate-Intensity Exercise on Plasma Calprotectin and Associated Inflammatory Mediators. *Physiology & Behavior*, 183: 27-32.

- ❖ †Slusher, A.L., Shibata Y., Whitehurst M., †*Maharaj A., Mock, J.T., Quiles, J.M., **Huang, C-J.** (2017). Exercise Reduced Pentraxin 3 Levels Expressed by Endotoxin-Stimulated Human PBMCs in Obese Individuals. ***Experimental Biology and Medicine***, 242: 1279-1286.
- ❖ Slusher, A.L., **Huang, C-J.**, & Acevedo, E.O. (2017). The Potential Role of Aerobic Exercise-Induced Pentraxin 3 on Obesity-related Inflammation and Metabolic Dysregulation. ***Mediators of Inflammation***, Volume 2017, Article ID 1092738, 9 pages.
- ❖ †Slusher, A.L. & **Huang, C-J.** (2016). Association of Pentraxin 3 with Insulin Resistance and Glucose Response Following Maximal Aerobic Exercise in Obese and Normal-weight Individuals. ***Canadian Journal of Physiology and Pharmacology***, 94, 1-5.
- ❖ Crabb, E. B., Franco, R. L., Bowen, M. K., **Huang, C-J.**, Caslin, H. L., & Acevedo, E. O. (2016). G Protein-Coupled Receptor Kinase 2 in Peripheral Blood Mononuclear Cells Following Acute Mental Stress. *Life Sciences*. ***Life Sciences***, 145, 184-189.
- ❖ †*Maharaj, A., †Slusher, A.L., Zourdos, M.C., Whitehurst, M., †*Fico, B.G., & **Huang, C-J.** (2016). Association of Calprotectin with Leukocyte Chemotactic and Inflammatory Mediators Following Acute Aerobic Exercise. ***Applied Physiology, Nutrition, and Metabolism***, 41, 1-5.
- ❖ Caslin, H.L., Franco, R.L., Crabb, E.B., **Huang, C-J.**, MK Bowen, M.K., & Acevedo, E.O. (2016). The Effect of Obesity on Inflammatory Cytokine and Leptin Production Following Acute Mental Stress. ***Psychophysiology***, 53, 151-158.
- ❖ **Huang, C-J.**, McAllister, M.J., †Slusher, A.L., Mock, J.T., Webb, H.E., & Acevedo, E.O. (2015). Obesity-Related Oxidative Stress: The Impact of Physical Activity and Diet Manipulation. ***Sports Medicine – Open***, 1, 32.
- ❖ **Huang, C-J.**, †Slusher, A.L., Whitehurst, M., Wells, M., †*Maharaj, A., & Shibata, Y. (2015). The Impact of Acute Aerobic Exercise on Chitinase-3-like Protein 1 and Intelectin-1 Expression in Obesity. ***Experimental Biology and Medicine***, 241, 216-221.
- ❖ †Slusher, A.L., Whitehurst, M., Zoeller, R.F., Mock, J.T., †*Maharaja, A., & **Huang, C-J.** (2015). Attenuated Fibroblast Growth Factor 21 Response to Acute Aerobic Exercise in Obese Individuals. ***Nutrition, Metabolism and Cardiovascular Diseases***, 25, 839-845.
- ❖ †Slusher, A.L., McAllister, M., & **Huang, C-J.** (2015). A Therapeutic Role for Vitamin D on Obesity-associated Inflammation and Weight-Loss Intervention. ***Inflammation Research***, 64, 565-576.
- ❖ **Huang, C-J.**, †Slusher, A.L., Whitehurst, M., Wells, M., Mock, J.T., †*Maharaj, A., & Shibata, Y. (2015). Acute Aerobic Exercise Mediates G Protein-Coupled Receptor Kinase 2 Expression in Human PBMCs. ***Life Sciences***, 135, 87-91.

- ❖ †Slusher, A.L., Whitehurst, M., Zoeller, R.F., Mock, J.T., †*Maharaj A., & **Huang, C-J.** (2015). BDNF and Substrate Utilization Following Acute Aerobic Exercise in Obese Individuals. ***Journal of Neuroendocrinology***, 27, 370-376.
- ❖ **Huang, C-J.**, Stewart, J.K., Shibata, Y., †Slusher, A.L., & Acevedo, E.O. (2015). Lipopolysaccharide-Binding Protein and Leptin are Associated with Stress-Induced Interleukin-6 Cytokine Expression *ex vivo* in Obesity. ***Psychophysiology***, 52, 687-694.
- ❖ †Slusher, A.L., Mock, J.T., Whitehurst, M., †*Maharaj, A., & **Huang, C-J.** (2015). The Impact of Obesity on Pentraxin 3 and Inflammatory Milieu to Acute Aerobic Exercise. ***Metabolism***, 64, 323-329.
- ❖ **Huang, C-J.**, Acevedo, E.O., Mari, D.C., *Randazzo, C., & Shibata, Y. (2014). Glucocorticoid Inhibition of Leptin- and Lipopolysaccharide-induced Interleukin-6 Production in Obesity. ***Brain, Behavior, and Immunity***, 35, 163-168.
- ❖ **Huang, C-J.**, Beasley, K.N., Acevedo, E.O., Robert L. Franco, R.L., Jones, T.L., Mari, D.C., & Shibata, Y. (2014). Chitin Enhances Obese Inflammation *Ex Vivo*. ***Human Immunology***, 75, 41-46.
- ❖ **Huang, C-J.**, Mari, D.C., Whitehurst, M., †Slusher, A.L., *Wilson, A., & Shibata, Y. (2014). Brain-Derived Neurotrophic Factor Expression *Ex Vivo* in Obesity. ***Physiology & Behavior***, 123, 76–79.
- ❖ **Huang, C-J.**, Franco, R.L., Evans, R.K., Mari, D.C., & Acevedo, E.O. (2014). Stress-induced Microvascular Reactivity in Normal-weight and Obese Individuals. ***Applied Physiology, Nutrition, and Metabolism***, 39, 47-52.
- ❖ **Huang, C-J.**, Webb, H.E., Beasley, K.N., *McAlpine, D.A., Tangsilsat, S.E., & Acevedo, E.O. (2014). Cardiorespiratory Fitness Does Not Alter Plasma Pentraxin 3 and Cortisol Reactivity to Acute Psychological Stress and Exercise. ***Applied Physiology, Nutrition, and Metabolism***, 39: 375-380.
- ❖ **Huang, C-J.**, Webb, H.E., Zourdos, M.C., & Acevedo, E.O. (2013). Cardiovascular Reactivity, Stress, and Physical Activity. ***Frontiers in Physiology***, 4: 314.
- ❖ Franco, R.L., Fallow, B.A., **Huang, C-J.**, Acevedo, E.O., Arrowood, J.A., & Evans, R.K. (2013). Forearm Blood Flow Response to Acute Exercise in Obese and Non-obese Males. ***European Journal of Applied Physiology***, 113, 2015-2023.
- ❖ **Huang, C-J.**, Zourdos, M.C., Jo, E., & Ormsbee, M.J. (2013). Influence of Physical Activity and Nutrition on Obesity-related Immune Function. ***The Scientific World Journal***, Volume 2013, Article ID 752071, 12 pages.

- ❖ **Huang, C-J.**, Stewart, J.K., Franco, R.L., Evans, R.K., Lee, Z.P., Dawson-Cruz, T., Webb, H.E., & Acevedo, E.O. (2011). LPS-stimulated Tumor Necrosis Factor-alpha and Interleukin-6 mRNA and Cytokine Responses Following Acute Psychological Stress. *Psychoneuroendocrinology*, 36, 1553-1561.
- ❖ **Huang, C-J.**, & Acevedo, E.O. (2011). Occupational Stress: The Influence of Obesity and Physical Activity/Fitness on Immune Function. *American Journal of Lifestyle Medicine*, 5, 486-493.
- ❖ **Huang, C-J.**, Webb, H.E., Garten, R.S., Kamimori, G.H., & Acevedo, E.O. (2010). Psychological Stress during Exercise: Lymphocyte Subset Redistribution in Firefighters. *Physiology & Behavior*, 101, 320-326.
- ❖ **Huang, C-J.**, Webb, H.E., Garten, R.S., Kamimori, G.H., Evans, R.K., & Acevedo, E.O. (2010). Stress Hormones and Immunological Responses to a Dual Challenge in Professional Firefighters. *International Journal of Psychophysiology*, 75, 312-318.
- ❖ **Huang, C-J.**, Webb, H.E., Evans, R.K., McCleod K.A., Tangsilsat, S.E., Kamimori, G.H., & Acevedo, E.O. (2010). Psychological Stress during Exercise: Immunoendocrine and Oxidative Responses. *Experimental Biology and Medicine*, 235, 1498-1504.
- ❖ **Huang, C-J.**, Franco, R.L., Evans, R.K., & Acevedo, E.O. (2010). Effects of Mental Challenge on Neurovascular Responses in Healthy Male Subjects. *International Journal of Psychophysiology*, 78, 225-230.
- ❖ Warnick, J.E., **Huang, C-J.**, Acevedo, E.O., & Sufka, K.J. (2009). Modeling the Anxiety Depression Continuum in Chicks. *Journal of Psychopharmacology*, 23, 143-156.
- ❖ **Huang, C-J.**, Garten, R.S., Wade, L.R., Webb, H.E., & Acevedo, E.O. (2009). Physiological Responses to Stair Climbing in Professional Firefighters Wearing Rubber and Leather Boots. *European Journal of Applied Physiology*, 107, 163-168.
- ❖ **Huang, C-J.**, Nesser, T.W., & Edwards, J.E. (2007). Strength and Power Determinants of Rowing Performance. *Journal of Exercise Physiology Online*, 10, 43-50.

MANUSCRIPTS UNDER REVIEW

- ❖ †Estébanez, B., Visavadiya, N.P., Vargas, J.E., de Paz, J.A., Khamoui, A., González-Gallego, J., Cuevas, M.J., & **Huang, C-J.** (2022). Resistance Training Modulates Reticulum Endoplasmic Stress, Independent of Oxidative and Inflammatory Responses in Elderly People. *Antioxidants* (Under Review)
- ❖ †Fico, B.G., Garten, R.S., Zourdos, M.C., Whitehurst, M., Ferrandi, P.J., Dodge, K.M., Pena, G., Rodriguez, A.A., & **Huang, C-J.** (2022). The Impact of Obesity on C1q/TNF-Related

Protein-9 Expression and Endothelial Function Following Acute High-Intensity Interval Exercise vs. Continuous Moderate-Intensity Exercise. *Biology* (Under Review)

PUBLISHED FACULTY OPINIONS RECOMMEDATIONS

- ❖ **Huang, C-J**: Faculty Opinions Recommendation of [Kim J, Yoon JH, J Obes Metab Syndr 2022 30(2):132-140]. In Faculty Opinions, April 1, 2022; DOI: 10.3410/f.740801401.793592156
<https://doi.org/10.3410/f.740801401.793592156>
- ❖ **Huang, C-J**: Faculty Opinions Recommendation of [Rigamonti AE et al., Int J Obes (Lond) 2020 44(5):1108-1118]. In Faculty Opinions, September 24, 2021; DOI: 10.3410/f.736705534.793588444
<https://facultyopinions.com/prime/736705534#eval793588444>
- ❖ **Huang, C-J**: Faculty Opinions Recommendation of [de Mendonça M et al., Am J Physiol Endocrinol Metab 2020 319(3):E579-E591]. In Faculty Opinions, May 11, 2021; DOI: 10.3410/f.738432335.793584956
<https://facultyopinions.com/prime/738432335#eval793584956>
- ❖ **Huang, C-J**: Faculty Opinions Recommendation of [Nair VD et al., Front Physiol 2020 11:605]. In Faculty Opinions, February 5, 2021; DOI: 10.3410/f.738213747.793582513
<https://facultyopinions.com/prime/738213747#eval793582513>
- ❖ **Huang, C-J**: Faculty Opinions Recommendation of [Castaño C et al., Proc Natl Acad Sci USA 2020 117(48):30335-30343]. In Faculty Opinions, December 9, 2020; DOI: 10.3410/f.739060501.793580612
<https://facultyopinions.com/prime/739060501#eval793580612>
- ❖ **Huang, C-J**: Faculty Opinions Recommendation of [D'Souza RF et al., Am J Physiol Endocrinol Metab 2018 315(4): E723-E733]. In Faculty Opinions, September 4, 2020; DOI: 10.3410/f.733575948.793577889
<https://facultyopinions.com/prime/733575948#eval793577889>
- ❖ **Huang, C-J**: Faculty Opinions Recommendation of [Ringseis R et al., Exerc Immunol Rev 2015 21:58-68]. In Faculty Opinions, July 2, 2020; DOI: 10.3410/f.725423191.793575724
<https://facultyopinions.com/prime/725423191#eval793575724>
- ❖ **Huang, C-J**: Faculty Opinions Recommendation of [Gálvez I et al., Brain Behav Immun 2019 80:564-572]. In Faculty Opinions, April 29, 2020; DOI: 10.3410/f.735695870.793573551
<https://facultyopinions.com/prime/735695870#eval793573551>

REFEREED PRESENTATIONS AND PROCEEDINGS

International / National Scientific Presentations

(†Graduate Mentee; *Undergraduate Mentee)

- ❖ †Estebanez, B., Visavadiya, N.P., de Paz, J.A., Khamoui, A.V., Gonzalez-Gallego, J., Cuevas, M.J., **Huang, C-J.** (2022, August). An 8-Week Resistance Training Modulates SOD1 and pIRE1/IRE1 Ratio in the Elderly. Annual Congress of the European College of Sport Science, Sevilla – Spain.
- ❖ †Estebanez, B., Visavadiya, N.P., José A. de Paz, J.A., Whitehurst, M., Gonzalez-Gallego, J., **Huang, C-J.**, Cuevas, M.J. (2021, June). Resistance Training Diminishes Exosome CD63 Expression in the Elderly, Regardless of MiR-146a and cfDNA Responses. Annual American College of Sports Medicine Conference, Washington, D.C.
- ❖ *Dinh, S., †Estebanez, B., †*Rodriguez, A.L., Visavadiya, N.P., Cuevas, M.J., Whitehurst, M., Gonzalez-Gallego, J., **Huang, C-J.** (2020, May). Effects of Aerobic Training on Pentraxin 3/Toll-like Receptor 4 and Oxidative Status in Elderly Adults. Annual American College of Sports Medicine Conference, San Francisco, CA. *Medicine & Science in Sports & Exercise* 52:5 (Supplement).
- ❖ **Huang, C-J**, †*Rodriguez, A.L., Visavadiya, N.P., †*Fico, B.G., †Slusher, A.L., †Ferrandi, P.J., & Whitehurst, M. (2019, May). Exercise-mediated Apoptotic and Autophagic Responses are Differentially Modulated in PBMCs of Obese Individuals. Annual American College of Sports Medicine Conference, Orlando, FL. *Medicine & Science in Sports & Exercise* 51(Supplement): 410.
- ❖ Sautter, N.M., Sousa, C.A., Belcher, D.J., Carzoli, J.P., Johnson, T.K., Cerminaro, R.M., Helms, E.R., **Huang, C-J.**, Whitehurst, M., & Zourdos, M.C. (2019, May). Proximity To Failure And Repetitions Per Set Effect RPE Accuracy In The Squat, Bench Press, And Deadlift. Annual American College of Sports Medicine Conference, Orlando, FL. *Medicine & Science in Sports & Exercise* 51(Supplement): 939.
- ❖ †*Fico, B.G., Garten, R.S., Zourdos, M.C., Whitehurst, M., †Ferrandi, P.J., †*Dodge, K.M., Pena, G., *Rodriguez, A.L., & **Huang, C-J.** (2018, May). The Comparison of High-intensity Interval Exercise vs. Continuous Moderate-intensity Exercise On C1q/tnf-related Protein-9 Expression And Flow-mediated Vasodilation In Obese Individuals. Annual American College of Sports Medicine Conference, Minneapolis, MN. *Medicine & Science in Sports & Exercise* 50:540-541.
- ❖ †*Rodriguez, A.L., Whitehurst, M., †*Fico, B.G., †*Dodge, K.M., †Ferrandi, P.J, Pena, G., *Adelman, A., & **Huang, C-J.** (2018, May). Effect of Acute High-Intensity Interval Exercise vs. Continuous Moderate-Intensity Exercise on the BDNF, Lactate, and Cortisol Responses in Obese Individuals. Annual American College of Sports Medicine Conference, Minneapolis, MN. *Medicine & Science in Sports & Exercise* 50:472.

- ❖ **Huang, C-J.**, †Slusher, A.L., †Ferrandi, P.J., & Whitehurst, M. (2017, May). Apoptosis of Human Peripheral Blood Mononuclear Cells Following Maximal Aerobic Exercise in Obesity. Annual American College of Sports Medicine Conference, Denver, CO. *Medicine & Science in Sports & Exercise* 49:458.
- ❖ †*Dodge, K.M., Whitehurst, M., †Slusher, A.L., †*Fico, B.G., †*Maharaj, A., Mock, J.T., & **Huang, C-J.** (2017, May). Pentraxin 3 and Glucose Responses to Acute High-Intensity Interval Exercise vs. Continuous Moderate-Intensity Exercise. Annual American College of Sports Medicine Conference, Denver, CO. *Medicine & Science in Sports & Exercise* 49:274.
- ❖ †Bao, F., Whitehurst, M., †Slusher, A.L., †*Maharaj, A., Mock, J.T., & **Huang, C-J.** (2017, May). An Exploratory Investigation of Inflammation-Associated Circulating MicroRNAs Following Acute High-Intensity Interval Exercise. Annual American College of Sports Medicine Conference, Denver, CO. *Medicine & Science in Sports & Exercise* 49:491.
- ❖ Ferrandi, P.J., Quiles, J.M., Blanco, R., Klemp, A., Dolan, C., Maharaj, A., **Huang, C-J.**, Whitehurst, M., & Zourdos, M.C. (2017, May). Acute Resistance Training Induced Increases in Plasma Interleukin-6 Are Volume-Dependent. Annual American College of Sports Medicine Conference, Denver, CO. *Medicine & Science in Sports & Exercise*. 49:1029.
- ❖ †*Fico, B.G., Whitehurst, M., †Slusher, A.L., Mock, J.T., †*Maharaj, A., †*Dodge, K.M., & **Huang, C-J.** (2017, May). The Comparison of High-Intensity Interval Exercise- vs. Continuous Moderate-Intensity Exercise-Mediated Calprotectin and Inflammatory Mediators. Annual American College of Sports Medicine Conference, Denver, CO. *Medicine & Science in Sports & Exercise* 49:491.
- ❖ Pena, G., Maharaj, A., **Huang, C-J.**, Zourdos, M.C., Slusher, A.L., & Whitehurst, M. (2017, May). Maximal Aerobic Exercise Alters Plasma BDNF and BDNF Expression in PBMCs in Obese and Non-Obese Subjects. Annual American College of Sports Medicine Conference, Denver, CO. *Medicine & Science in Sports & Exercise* 49:700.
- ❖ †*Maharaj, A., †Slusher, A.L., Zourdos, M.C., Whitehurst, M., †*Fico, B.G., & **Huang, C-J.** (2016, May). Association of Calprotectin with Leukocyte Chemotactic and Inflammatory Mediators Following Acute Aerobic Exercise. Annual American College of Sports Medicine Conference, Boston, MA. *Medicine and science in sports and exercise* 48(5S Suppl 1):86
- ❖ †Bao, F., †Slusher, A.L., Whitehurst, M., & **Huang, C-J.** (2016, May). Circulating MicroRNAs Are Upregulated in Response to Acute Aerobic Exercise in Obesity. Annual American College of Sports Medicine Conference, Boston, MA. *Medicine and science in sports and exercise* 48(5S Suppl 1):732.
- ❖ †Slusher, A.L., Shibata, Y., Whitehurst, M., †*Maharaj, A., Quiles, J.M., & **Huang, C-J.** (2016, May). Exercise-Mediated Pentraxin 3 Expression from *In Vitro* Stimulation of Human PBMCs with Lipopolysaccharide in Obese Individuals. Annual American College of Sports

Medicine Conference, Boston, MA. *Medicine and science in sports and exercise* 48(5S Suppl 1):743.

- ❖ †*Fico, B.G., †Slusher, A.L., Whitehurst, M., †*Maharaj, A., & **Huang, C-J.** (2016, May). The Impact of Obesity on Calprotectin Response to Acute Aerobic Exercise. Annual American College of Sports Medicine Conference, Boston, MA. *Medicine and science in sports and exercise* 48(5S Suppl 1):743.
- ❖ Goldsmith, J.A., Quiles, J.M., Blanco, R., Klemp, A., Dolan, C., Maharaj, A., **Huang, C-J.**, Whitehurst, M., & Zourdos, M.C. (2016, May). Progressive Resistance Exercise Elicits Significant Brain-Derived Neurotrophic Factor Expression. Annual American College of Sports Medicine Conference, Boston, MA. *Medicine & Science in Sports & Exercise* 48(5S Suppl 1):635.
- ❖ **Huang, C-J.**, Stewart, J.K., Shibata, Y., †Slusher, A.L., & Acevedo, E.O. (2015, May). Lipopolysaccharide-Binding Protein and Leptin are Associated with Stress-Induced Interleukin-6 Cytokine Expression ex vivo in Obesity. Paper Presented at the Annual American College of Sports Medicine Conference, San Diego, CA. *Medicine & Science in Sports & Exercise*, 47(5S): 893. *Medicine & Science in Sports & Exercise*, 47(5S): 893.
- ❖ †Slusher, A.L., Mock, J.T., Whitehurst, M., †*Maharaj, A., & **Huang, C-J.** (2015, May). The Impact of Obesity on Pentraxin 3 and Inflammatory Milieu to Acute Aerobic Exercise. Paper Presented at the Annual American College of Sports Medicine Conference, San Diego, CA. *Medicine & Science in Sports & Exercise*, 47(5S): 235.
- ❖ †*Maharaj, A., †Slusher, A.L., Whitehurst, M., Zoeller, R.F., Mock, J.T., & **Huang, C-J.** (2015, May). Fibroblast Growth Factor 21 Expression and Insulin Resistance to Acute Aerobic Exercise in Obese Individuals. Paper Presented at the Annual American College of Sports Medicine Conference, San Diego, CA. *Medicine & Science in Sports & Exercise*, 47(5S): 236.
- ❖ †Slusher, A.L., Mock J.T., Whitehurst M., Zoeller R.F., †*Maharaj A., *Fisher C.B., & **Huang, C-J.** (2014, May). Relationship Between Brain-derived Neurotrophic Factor and Substrate Utilization in Healthy Individuals. Paper Presented at the Annual American College of Sports Medicine Conference, Orlando, FL. *Medicine & Science in Sports & Exercise*, 46(5S): 677.
- ❖ Crabb, E.B., Caslin, H.L., **Huang, C-J.**, Bowen, M.K., Acevedo, E.O., & Franco, R.L. (2014, May). The Relationship between BARK1 and TNF- α in Obese Individuals Following Acute Mental Stress. Paper Presented at the Annual American College of Sports Medicine Conference, Orlando, FL. *Medicine & Science in Sports & Exercise*, 46(5S): 3420.
- ❖ Caslin, H.L., Crabb, E.B., **Huang, C-J.**, Bowen, M.K., Acevedo, E.O., & Franco, R.L. (2014, May). Impact of Obesity on Norepinephrine and TNF- α Following Mental Stress. Paper

Presented at the Annual American College of Sports Medicine Conference, Orlando, FL.
Medicine & Science in Sports & Exercise, 46(5S): 3419.

- ❖ †Pittinger, E.S., Shibata, Y., Acevedo, E.O., Franco, R.L., Jones, T.L., & **Huang, C-J.** (2013, May). *In Vitro* Leptin Elicits Greater Effects on Interleukin-6 Production in Obese Subjects, Independent of Glucocorticoid Sensitivity. Paper presented at the Annual American College of Sports Medicine Conference, Indianapolis, IN. *Medicine & Science in Sports & Exercise*, 45(5S): 232.
- ❖ Shibata, Y., Kogiso, M., **Huang, C-J.**, Nouri-Shirazi, M., Mizoguchi, E., & Dorey, C.K. (2012, May). Macrophage Chitin Binding Proteins in Phagocytosis and M1 Activation in Response to Chitin Microparticles. Paper presented at the Annual Meeting of The American Association of Immunologists, Boston, MA. *Journal of Immunology*, 188: 172.27.
- ❖ **Huang, C-J.**, *McAlpine, D.A., Webb, H.E., Franco, R.L., Tangsilsat, S.E., Beasley, K.N., Kamimori, G.H., & Acevedo, E.O. (2012, May). Impact of Cardiovascular Fitness on Pentraxin 3 Levels in Response to Concurrent Stressors. Paper presented at the Annual American College of Sports Medicine Conference, San Francisco, CA. *Medicine & Science in Sports & Exercise*, 44(5S): 537.
- ❖ **Huang, C-J.**, Franco, R.L., Evans, R.K., & Acevedo, E.O. (2011, May). Neurovascular Responses to Mental Stress in Lean and Obese Individuals. Thematic Poster Presentation at the Annual American College of Sports Medicine Conference, Denver, CO. *Medicine & Science in Sports & Exercise*, 43(5S): 69.
- ❖ Franco, R.L., Fallow, B.A., **Huang, C-J.**, Acevedo, E.O., Arrowood, J.A., & Evans, R.K. (2011, May). Forearm Blood Flow Response to an Acute Maximal Exercise Bout in Obese and Normal-weight Males. Paper presented at the Annual American College of Sports Medicine Conference, Denver, CO. *Medicine & Science in Sports & Exercise*, 43(5S): 740-741.
- ❖ **Huang, C-J.**, Stewart, J.K., Franco, R.L., Evans, R.K., Lee, Z.P., Dawson-Cruz T., & Acevedo, E.O. (2010, June). LPS-stimulated Tumor Necrosis Factor-alpha and Interleukin-6 Cytokine and mRNA Expression Following Acute Psychological Stress. Paper presented at the Annual American College of Sports Medicine Conference, Baltimore, MD. *Medicine & Science in Sports & Exercise*, 42(5S): 797.
- ❖ Franco, R.L., Fallow, B.A., **Huang, C-J.**, Acevedo, E.O., Arrowood, J.A., & Evans, R.K. (2010, June). The Extended Time Course of Forearm Blood Flow Following a Maximal Bout of Exercise. Paper presented at the Annual American College of Sports Medicine Conference, Baltimore, MD. *Medicine & Science in Sports & Exercise*, 42(5S): 311.
- ❖ **Huang, C-J.**, Webb, H.E., Evans, R.K., McLeod, K.A., Tangsilsat, S.E., Kamimori, G.H., & Acevedo, E.O. (2009, May). An Examination of Immunoendocrine and Oxidative Responses Utilizing a Dual Stress Model. Paper presented at the Annual American College

of Sports Medicine Conference, Seattle, WA. *Medicine & Science in Sports & Exercise*, 41(5S), 274.

- ❖ **Huang, C-J.**, Webb, H.E., Evans, R.K., & Acevedo, E.O. (2008, May). Effects of a Dual Challenge on Stress Hormones, Th1/Th2 Cytokines, and Lymphocyte Responses in Firefighters. Paper presented at the Annual American College of Sports Medicine Conference, Indianapolis, IN. *Medicine & Science in Sports & Exercise*, 40(5S): 431.
- ❖ **Huang, C-J.**, Garten, R.S., Wade L.R., & Acevedo, E.O. (2008, April). Physiological Responses to Stair Climbing In Professional Firefighters Wearing Rubber and Leather Boots. Paper presented at the Annual American College of Occupational and Environmental Medicine Conference, New York, NY.
- ❖ **Huang, C-J.**, Nesser, T.W., & Edwards, J.E. (2005). Physiological Determinants of Rowing Performance. Paper presented at the Annual National Strength Conditioning Association Conference, Las Vegas, NV.

Regional Scientific Presentations

Symposiums

- ❖ **Huang, C-J.**, Webb, H.E., Zourdos, M.C., & Acevedo, E.O. (2014, February). Fight-or-Flight and Fitness: The SAM axis and Your Health. SYMPOSIUM at the Annual Southeast Chapter of American College of Sports Medicine (SEACSM) Conference, Greenville, SC.
- ❖ Acevedo, E.O., Webb, H.E., & **Huang, C-J.** (2011, February). Cardiorespiratory, Neuroendocrine, and Immuno-Inflammatory Adaptations to Concurrent Mental and Physical Stress. SYMPOSIUM at the Annual Southeast Chapter of American College of Sports Medicine Conference, Greenville, SC.

Poster / Oral Presentations

(†Graduate Mentee; *Undergraduate Mentee)

- ❖ *Dinh, S., †Estebanez, B., †* Rodriguez, A.L., Visavadiya, N.P., Cuevas, M.J., Whitehurst, M., Gonzalez-Gallego, J., **Huang, C-J.** (2020, February). Aerobic Training-Mediated Downregulation of Pentraxin 3 and Pentraxin 3/Toll-Like Receptor 4 Ratio in Peripheral Blood Mononuclear Cells of Elderly Subjects, Irrespective of Changes in Oxidative Stress. Annual Southeast American College of Sports Medicine Conference, Jacksonville, FL.
- ❖ *Velasquez, V., †*Rodriguez, A.L., Whitehurst, M., Visavadiya, N.P., †*Fico, B.G., †Slusher, A.L., †Ferrandi, P.J., & **Huang, C-J.** (2019, February). Prediction of Reduced Autophagic Activation in Human Peripheral Blood Mononuclear Cells Following Maximal Aerobic Exercise. Annual Southeast American College of Sports Medicine Conference, Greenville, SC.

*****SECOND PLACE for the 2019 SEACSM Undergraduate Research Award*****

- ❖ †*Fico, B.G., Garten, R.S., Zourdos, M.C., Whitehurst, M., †Ferrandi, P.J., †*Dodge, K.M., Pena, G., †*Rodriguez, A.L., & **Huang, C-J.** (2018, March). The Comparison of High-Intensity Interval Exercise vs. Continuous Moderate-Intensity Exercise on C1q/TNF-Related Protein-9 Expression and Flow-Mediated Vasodilation in Obese Individuals. Texas American College of Sports Medicine, Austin, TX. Conference. International Journal of Exercise Science: Conference Proceedings.
- ❖ †*Dodge, K.M., †*Fico, B.G., Garten, R.S., †Ferrandi, P.J., †*Rodriguez, A.L., Pena, G., & **Huang, C-J.** (2018, February). The Impact of Obesity on Pentraxin 3 and Flow-Mediated Dilation Following Acute High-Intensity Interval Exercise vs. Continuous Moderate-Intensity Exercise. Annual Southeast American College of Sports Medicine Conference, Chattanooga, TN.
- ❖ †*Rodriguez, A.L., Whitehurst, M., †*Fico, B.G., †*Dodge, K.M., †Ferrandi, P.J., Pena, G., *Adelman, A., **Huang, C-J.** (2018, February). Effect of Acute High-Intensity Interval Exercise vs. Continuous Moderate-Intensity Exercise on the BDNF, Lactate, and Cortisol Responses in Obese Individuals. Annual Southeast American College of Sports Medicine Conference, Chattanooga, TN.
- ❖ †Bao, F., Whitehurst, M., †Slusher, A.L., †*Maharaj, A., Mock, J.T., & **Huang, C-J.** (2017, February). Inflammation-Associated Circulating MicroRNAs Are Not Regulated in Response to Acute High-Intensity Interval Exercise in Healthy Males. Annual Southeast American College of Sports Medicine Conference, Greenville, SC.
- ❖ †Ferrandi, P.T., †Slusher, A.L., Whitehurst, M., & **Huang, C-J.** (2017, February). The Expression of Bax and Bcl-2 in Peripheral Blood Mononuclear Cells Following Maximal Exercise in Obese and Normal-weight Individuals. Annual Southeast American College of Sports Medicine Conference, Greenville, SC.
- ❖ †*Dodge, K.M., Whitehurst, M., †Slusher, A.L., †*Fico, B.G., †*Maharaj, A., Mock, J.T., & **Huang, C-J.** (2017, February). Pentraxin 3 and Glucose Responses to Acute High-Intensity Interval Exercise vs. Continuous Moderate-Intensity Exercise. Annual Southeast American College of Sports Medicine Conference, Greenville, SC.
- ❖ †*Fico, B.G., Whitehurst, M., †Slusher, A.L., Mock, J.T., †*Maharaj, A., †*Dodge, K.M., & **Huang, C-J.** (2017, February). The Comparison of High-Intensity Interval Exercise- vs. Continuous Moderate-Intensity Exercise-Mediated Calprotectin and Inflammatory Mediators. Annual Southeast American College of Sports Medicine Conference, Greenville, SC.
- ❖ Pena, G., Maharaj, A., **Huang, C-J.**, Zourdos, M.C., Slusher, A.L., & Whitehurst, M. (2017, February). The Effect of Maximal Aerobic Exercise on Plasma BDNF and BDNF Expression in PBMCs in Obese and Non-Obese Subjects. Annual Southeast American College of Sports Medicine Conference, Greenville, SC.

- ❖ †Bao, F., †Slusher, A.L., Whitehurst, M., & **Huang, C-J.** (2016, February). Circulating MicroRNAs Are Upregulated in Response to Acute Aerobic Exercise in Obesity. Annual Southeast American College of Sports Medicine Conference, Greenville, SC.

*****Selected as one of FINALISTS for the 2016 SEACSM Master's Research Award*****

- ❖ †*Maharaj, A., †Slusher, A.L., Zourdos, M.C., Whitehurst, M., †*Fico, B.G., & **Huang, C-J.** (2016, February). Association of Calprotectin with Leukocyte Chemotactic and Inflammatory Mediators Following Acute Aerobic Exercise. Annual Southeast American College of Sports Medicine Conference, Greenville, SC.
- ❖ †*Fico, B.G., †Slusher, A.L., Whitehurst, M., †*Maharaj, A., & **Huang, C-J.** (2016, February). The Impact of Obesity on Calprotectin Response to Acute Aerobic Exercise. Annual Southeast American College of Sports Medicine Conference, Greenville, SC.
- ❖ †Slusher, A.L., Shibata, Y., Whitehurst, M., †*Maharaj, A., Quiles, J.M., & **Huang, C-J.** (2016, February). Exercise-Mediated Pentraxin 3 Expression from *In Vitro* Stimulation of Human PBMCs with Lipopolysaccharide in Obese Individuals. Annual Southeast American College of Sports Medicine Conference, Greenville, SC.
- ❖ †Slusher, A.L., Mock, J.T., Whitehurst, M., †*Maharaj, A., & **Huang, C-J.** (2015, February). The Impact of Obesity on Pentraxin 3 and Inflammatory Milieu to Acute Aerobic Exercise. Paper Presented at the Annual Southeast Chapter of American College of Sports Medicine Conference, Jacksonville, FL.

*****SECOND PLACE for the 2015 SEACSM Master's Research Award*****

- ❖ †*Maharaj, A., †Slusher, A.L., Whitehurst, M., Zoeller, R.F., Mock, J.T., & **Huang, C-J.** (2015, February). Fibroblast Growth Factor 21 Expression and Insulin Resistance to Acute Aerobic Exercise in Obese Individuals. Paper Presented at the Annual Southeast Chapter of American College of Sports Medicine Conference, Jacksonville, FL.

*****FIRST PLACE for the 2015 SEACSM Undergraduate Research Award*****

- ❖ Crabb, E.B., Caslin, H.L., **Huang, C-J.**, Bowen, M.K., Acevedo, E.O., & Franco, R.L. (2014, February). The Relationship between BARK1 and TNF- α in Obese Individuals Following Acute Mental Stress. Paper Presented at the Annual Southeast Chapter of American College of Sports Medicine Conference, Greenville, SC.
- ❖ Caslin, H.L., Crabb, E.B., **Huang, C-J.**, Bowen, M.K., Acevedo, E.O., & Franco, R.L. (2014, February). Impact of Obesity on Norepinephrine and TNF- α Following Mental Stress. Paper Presented at the Annual Southeast American College of Sports Medicine Conference, Greenville, SC.

- ❖ **Huang, C-J.**, Beasley, B.N., Acevedo, E.O., Franco, R.L., Jones, T.L., Mari, D.C., & Shibata, Y (2013, February). Chitin Derivatives: Effects on Chitinase and Inflammation in Obesity *ex vivo*. CaneSearch Obesity Conference, Clinical and Translational Science Institute (CTSI), University of Miami, Miami, FL.
- ❖ †**Pittinger, E.S.**, Shibata, Y., Acevedo, E.O., Franco, R.L., Jones, T.L., & **Huang, C-J.** (2013, February). *In Vitro* Leptin Elicits Greater Effects on Interleukin-6 Production in Obese Subjects, Independent of Glucocorticoid Sensitivity. Paper presented at the Annual Southeast Chapter of American College of Sports Medicine Conference, Greenville, SC.
- ❖ **Huang, C-J.**, Stewart, J.K., Franco, R.L., Evans, R.K., Lee, Z.P., Dawson-Cruz T., & Acevedo, E.O. (2010, February). LPS-stimulated Tumor Necrosis Factor-alpha and Interleukin-6 Cytokine and mRNA Expression Following Acute Psychological Stress. Paper presented at the Annual Southeast Chapter of American College of Sports Medicine Conference, Greenville, SC.
- ❖ **Huang, C-J.**, Webb, H.E., Ronald, R.K., & Acevedo, E.O. (2009, February). An Examination of Catecholamine and Interleukin-2 Responses on Oxidative Stress Utilizing a Dual Stress Model. Paper presented at the Annual Southeast Chapter of American College of Sports Medicine Conference, Birmingham, AL.
- ❖ **Huang, C-J.**, Webb, H.E., Evans, R.K., & Acevedo, E.O. (2008, February). Effects of a Dual Challenge on Stress Hormones, Th1/Th2 Cytokines, and Lymphocyte Responses in Firefighters. Oral Presentation at the Annual Southeast Chapter of American College of Sports Medicine Conference, Birmingham, AL.

University Presentations

(†**Graduate Mentee**; ***Undergraduate Mentee**)

- ❖ **Huang, C-J.** (2019, March). **Exercise: The Mind-Body Connection.** Invited Speaker in the Center for Body, Mind, and Culture at Florida Atlantic University, Boca Raton, FL.
- ❖ ***Adelman, A.** †***Rodriguez, A.L.**, †***Fico, B.G.**, †**Ferrandi, P.J.**, †***Dodge, K.M.**, Pena, G., Whitehurst, M., & **Huang, C-J.** (2017, August). The Effect of Acute High-Intensity Interval Exercise vs. Continuous Moderate-Intensity Exercise on the Expression of BDNF in Obese Individuals. 2017 Distinction through Discovery 5th Annual Retreat, Florida Atlantic University, Boca Raton, FL.
- ❖ ***Rodriguez, A.L.**, †***Fico, B.G.**, †***Dodge, K.M.**, †**Ferrandi, P.J.**, Pena, G., Whitehurst, M., & **Huang, C-J.** (2017, April). Pentraxin 3 and Glucose Responses to Acute High-Intensity Exercise vs. Continuous Moderate-Intensity Exercise in Obesity. The Undergraduate Research Symposium, Florida Atlantic University, Boca Raton, FL.
- ❖ ***Rodriguez, A.L.**, †***Fico, B.G.**, †***Dodge, K.M.**, †**Ferrandi, P.J.**, Pena, G., Whitehurst, M., & **Huang, C-J.** (2017, April). The Effect of Acute High-Intensity Interval Exercise vs.

Continuous Moderate-Intensity Exercise on Flow-Mediated Vasodilation in Obesity. The Undergraduate Research Symposium, Florida Atlantic University, Boca Raton, FL.

- ❖ †Ferrandi, P.J., Whitehurst, M., †Slusher, A.L., Pena, G.S., †Maharaj, A., Mock, J.T. **Huang, C-J.** (2016, November). The Expression of Bax and Bcl-2 in Peripheral Blood Mononuclear Cells Following Acute Continuous Moderate Exercise vs. High-Intensity Interval Exercise. The 16th Annual SAC Student Research Symposium, College of Education, Florida Atlantic University, Boca Raton, FL.
- ❖ †Dodge, K.M., Whitehurst, M., †Slusher, A.L., †Fico, B.G., †Maharaj, A., Mock, J.T., & **Huang, C-J.** (2016, November). Pentraxin 3 and Glucose Kinetic Responses to Acute Continuous Moderate-Intensity Exercise vs. High-Intensity Interval Exercise. The 6th Annual SAC Student Research Symposium, College of Education, Florida Atlantic University, Boca Raton, FL.
- ❖ †Fico, B.G., Whitehurst, M., †Slusher, A.L., †Maharaj, A., Mock, J.T., †Dodge, K.M., **Huang, C-J.** (2016, November). The Comparison of High-Intensity Interval Exercise- vs. Continuous Moderate-Intensity Exercise- mediated Calprotectin and Inflammatory Mediators. The 16th Annual SAC Student Research Symposium, College of Education, Florida Atlantic University, Boca Raton, FL.
- ❖ *Rodriguez, A.L., †Fico, B., †Dodge, K.M., †Ferrandi, P.J., Whitehurst, M., & **Huang, C-J.** (2016, August). The Impact of Obesity on Flow-Mediated Vasodilation Following Acute Bout of Maximal Exercise. 2016 Distinction through Discovery 4th Annual Retreat, Florida Atlantic University, Boca Raton, FL.
- ❖ *Dodge, K.M., †Fico, B.G., †Slusher, A., Whitehurst, M., & **Huang, C-J.** (2016, April). C1q/TNF-Related Protein 9 Expression to Acute Aerobic Exercise in Obesity. The Undergraduate Research Symposium, Florida Atlantic University, Boca Raton, FL.
- ❖ **Huang, C-J.** (2015, November). Invited Speaker at the Meeting of the Minds (MOM) of Council for Scholarship and Inquiry (CSI), Office of Undergraduate Research and Inquiry, Florida Atlantic University, Boca Raton, FL.
- ❖ **Huang, C-J.** (2015, November). **The Role of Exercise: Obesity and Stress.** Invited presentation at the Learning Strategies and Human Development course (Dr. James Hartmann), Department of Biological Sciences, Florida Atlantic University, Boca Raton, FL.
- ❖ †Fico, B.G., †Slusher, A., Whitehurst, M., †Maharaj, A., & **Huang, C-J.** (2015, April). The Impact of Obesity on Calprotectin Response to Acute Aerobic Exercise. The Undergraduate Research Symposium, Florida Atlantic University, Boca Raton, FL.

*****SECOND PLACE for the Poster Research Award in the Health and Medical Sciences Category*****

- ❖ **Huang, C-J.** (2014, November). **Fatness vs. Fitness: The Role of Exercise.** Invited presentation at the Learning Strategies and Human Development course (Dr. James Hartmann), Department of Biological Sciences, Florida Atlantic University, Boca Raton, FL.
 - ❖ †*Maharaj, A., *Urtula, A., †Slusher, A.L., Mock, M, *Fisher, C.B., & **Huang, C-J.** (2014, April). Pentraxin 3 Reactivity to Acute Exercise in Obese Individuals. Undergraduate Research Symposium, Florida Atlantic University, Boca Raton, FL.
 - ❖ **Huang, C-J.** (2013, November). **Can Exercise Save Your Life?** Invited presentation at the Learning Strategies and Human Development course (Dr. James Hartmann), Department of Biological Sciences, Florida Atlantic University, Boca Raton, FL.
 - ❖ **Huang, C-J.** (2013, April). **Physiological Adaptations to Exercise Training.** Invited Presentation for Medical Students, College of Medicine, Florida Atlantic University, Boca Raton, FL.
 - ❖ *Wilson, A., Mari, D.C., Shibata, Y., & **Huang, C-J.** (2013, April). LPS-Activated Obese Human PBMCs Produce A BDNF and IL-6 Associative Response. 2013 Undergraduate Research Symposium, Florida Atlantic University, Boca Raton, FL.
- ***FIRST PLACE for the Poster Research Award within the College of Education*****
- ❖ **Huang, C-J.** (2012, November). **Exercise: Friend or Foe?** Invited presentation at the Learning Strategies and Human Development course (Dr. James Hartmann), Department of Biological Sciences, Florida Atlantic University, Boca Raton, FL.
 - ❖ Kogiso, M., Faviero, G., **Huang, C-J.**, Nouri-Shirazi, M., Mizoguchi, E., Dorey, C.K., & Shibata, Y. Chitin binding proteins in phagocytosis of chitin microparticles and M1 activation. Paper presented at the Annual Research Day (2012, May), College of Medicine, Florida Atlantic University, Boca Raton, FL.
 - ❖ *Randazzo, C.H., **Huang, C-J.**, & Shibata, Y. (2012, April). The Effects of Leptin on Glucocorticoid Sensitivity of Peripheral Blood mononuclear Cells in Non-obese and Obese Subjects. Undergraduate Research Symposium, Florida Atlantic University, Boca Raton, FL.
 - ❖ *McAlpine, D.A., & **Huang, C-J.** (2012, April). The Effects of Concurrent Stress on Plasma Pentraxin 3 and Catecholamine Levels in Fit and Unfit Individuals. Undergraduate Research Symposium, Florida Atlantic University, Boca Raton, FL.
 - ❖ **Huang, C-J.** (2011, November). **Exercise is Medicine.** Invited presentation at Learning Strategies and Human Development course (Dr. James Hartmann), Department of Biological Sciences, Florida Atlantic University, Boca Raton, FL.
 - ❖ **Huang, C-J.**, Garten, R.S., Wade L.R., & Acevedo, E.O. (2009, April). An Examination of Immunoendocrine and Oxidative Responses Utilizing a Dual Stress Model. Poster Presented

at the 12th Annual Graduate Student Research Symposium and Exhibit, Virginia Commonwealth University, Richmond, VA.

- ❖ **Huang, C-J.**, Garten, R.S., Wade L.R., & Acevedo, E.O. (2008, April). Physiological Responses to Stair Climbing In Professional Firefighters Wearing Rubber and Leather Boots. Poster Presented at the 11th Annual Graduate Student Research Symposium and Exhibit, Virginia Commonwealth University, Richmond, VA.
- ❖ **Huang, C-J.** (2008, November). The Measurement of Gene Expression with RT-qPCR Techniques to Examine Adaptations to Physical Activity. Doctoral Seminar Series. Department of Health and Human Performance. Virginia Commonwealth University, Richmond, VA.
- ❖ **Huang, C-J.** (2008, February). Effects of a Dual Challenge on Stress Hormones, Th1/Th2 Cytokines, and Lymphocyte Responses in Firefighters. Doctoral Seminar Series. Department of Health and Human Performance. Virginia Commonwealth University, Richmond, VA.
- ❖ **Huang, C-J.** (2007, March). The Stress Response and Immune system. Doctoral Seminar Series. Department of Health and Human Performance. Virginia Commonwealth University, Richmond, VA.
- ❖ **Huang, C-J.** (2006, October). The Effects of Immolima Supplementation on Exercise-Induced Muscle Soreness and Indicators of Inflammation and Tissue Damage. Doctoral Seminar Series. Department of Health and Human Performance. Virginia Commonwealth University, Richmond, VA.

FUNDED GRANTS

Principle Investigator

- **Summer Undergraduate Research Fellowship (SURF):** A Team Partnership (Faculty/Undergraduate Student [Avraham Aderman]) Summer Research Project Grant. Project title: “The Effect of Acute High-Intensity Interval Exercise vs. Continuous Moderate-Intensity Exercise on the Expression of BDNF and Inflammatory Mediators in Obese Individuals”, **\$4,000**, 2017.

Principle Investigator

- **Summer Undergraduate Research Fellowship (SURF):** A Team Partnership (Faculty/Undergraduate Student [Alexandra Rodriguez]) Summer Research Project Grant, Florida Atlantic University. Project title: “Exercise-mediated C1q/TNF-Related Protein-9 and Flow-Mediated Vasodilation in Obesity”, **\$4,000**, 2016.

Principle Investigator

- **Faculty Professional Development Fund**, Office of Undergraduate Research and Inquiry, Florida Atlantic University, **\$500**, 2016.

Principle Investigator

- **Technology Fee Grant**, Florida Atlantic University, “An Innovative Technology Enhancement: Vascular Ultrasound System” **\$90,500**, 2014.

Principle Investigator

- **Technology Fee Grant**, Florida Atlantic University, “Educational Technology Enhancement and Expansion for Exercise Biochemistry Laboratory” **\$80,000**, 2013. (e.g., Flow Cytometry and qPCR system).

Principle Investigator

- **Faculty Research Mentoring Program**, Florida Atlantic University, **\$3,000**, 2012. Mentor: Yoshimi Shibata, Ph.D. Department of Biomedical Science, College of Medicine.

Co-Principle Investigator (R.L. Franco, PI)

- **VCU Presidential Research Incentive Program Award**, “The Effects of Acute Stress on NF-κB Binding Activity and LPS-stimulated Pro-inflammatory Cytokine Concentration and mRNA Expression in Obese and Non-obese Subjects” **\$50,000**, 2011-2012.

PREVIOUSLY SUBMITTED OR UNDER REVIEW

Co-Investigator (Jose Antonio Lopez Calbet, PI)

Ministry of Science and Innovation of Spain, “Role of ACE2 and Vitamin D Supplementation in the Physiological Adaptations to Strength training in the Elderly” (**\$400,000**), 2022 (Pending)

Principle Investigator

- **Summer Undergraduate Research Fellowship (SURF):** A Team Partnership (Faculty/Undergraduate Student [Shawn Dinh]) Summer Research Project Grant. Project title: “Influence of Cardiorespiratory Fitness on Mitochondrial Function and Autophagic Activation in Human Peripheral Blood Mononuclear Cells Following Induction of Insulin Resistance”, **\$4,000**, 2019.

Co-Investigator (L. Chiang-Hanisko, PI)

NIH R15 National Institute of Nursing Research, “The Additive Effect of Person-Centered Engagement on OA Pain in Exercising Elders” (**\$400,000**), 2017.

Co-Investigator (L. Chiang-Hanisko, PI)

- **NIH R21 National Institute of Nursing Research**, “The Effects of Person-Centered Engagement on Pain in Osteoarthritis” (**\$250,000**), 2016.

Principle Investigator

- **American College of Sports Medicine New Investigator Award**, 2015.

Principle Investigator

- **NIH RO3 National Institute of Mental Health**, “Obesity and Acute Psychological Stress: Synergistic Modification of Host Immunity” (**\$146,946**), 2011.

Principle Investigator

- **American College of Sports Medicine Doctoral Research Grants**, “The Impact of Mental Challenge on Indicators of Endothelial Function in Obese Individuals” **\$5,000**, 2009.

Principle Investigator

- **Faculty Research Mentoring Program**, “Synergistic Effect of Chitinase 3-like 1 on IL-6 Mediated STAT3 Phosphorylation in Palmitate-induced Insulin Resistance in Human PBMCs”, **\$6,000**, 2015.

Principle Investigator

- **FAU Seed Grant Program**, “Stress-induced Desensitization of β -adrenergic Receptors via GRK2 in Obese Individuals”, **\$25,000**, 2014.

Principle Investigator

- **FAU Seed Grant Program**, “Obesity and Acute Psychological Stress: Synergistic Modification of Host Immunity”, **\$20,000**, 2012.

Co-Principle Investigator (E.O. Acevedo, PI)

- **VCU Alzheimer’s and related Diseases Research Award**, “Effects of Chronic and Acute Stress on the Th-1/Th-2 Cytokine Balance in Family Caregivers of Dementia Patients” **\$39,884**, 2007.

Principle Investigator

- **Graduate Student Research Fund**. Indiana State University, “Physiological Determinants of Rowing Performance” **\$500**, 2004.

FUNDING AWARDED TO MY MENTEES

- **Summer Undergraduate Research Fellowship (SURF):** A Team Partnership (Faculty/Undergraduate Student [**Avraham Aderman**]) Summer Research Project Grant. Project title: “The Effect of Acute High-Intensity Interval Exercise vs. Continuous Moderate-Intensity Exercise on the Expression of BDNF and Inflammatory Mediator in Obese Individuals”, **\$4,000**, 2017.
- **Florida Atlantic University Undergraduate Research Grant**, “The Comparison of Acute High-Intensity Interval Exercise vs. Moderate Continuous Exercise on Pentraxin 3 Expression and Carbohydrate Oxidation in Obesity”, **\$600**. Awarded **Alexandra Rodriguez**. Spring 2017.

*****As an Undergraduate Student, Alexandra Rodriguez Was Selected as**

Huang CV22

- *The College of Education's 2016-2017 Undergraduate Researcher of the Year at Florida Atlantic University.*
 - *The 2016-2017 COE Outstanding Student*
 - *The 2016-2017 ESHP Outstanding Undergraduate Student*
 - **Summer Undergraduate Research Fellowship (SURF):** A Team Partnership (Faculty/Undergraduate Student [Alexandra Rodriguez]) Summer Research Project Grant.
Project title: "Exercise-mediated C1q/TNF-Related Protein-9 and Flow-Mediated Vasodilation in Obesity", **\$4,000**, 2016.
 - **Florida Atlantic University Undergraduate Research Grant**, "Association of C1q/TNF-Related Protein-9 and Flow Mediated Dilation in Obese Individuals in Response to Exercise", **\$500**. Awarded Katelyn Dodge. Fall 2015.
 - **Florida Atlantic University Undergraduate Research Grant**, "The Impact of Obesity on Calprotectin Response to Acute Aerobic Exercise", **\$500**. Awarded Brandon Fico. Fall 2014.
- ***As an Undergraduate Student, Brandon Fico Was Selected as the College of Education's 2014-2015 Undergraduate Researcher of the Year at Florida Atlantic University*****
- ***As a Graduate Student, Brandon Fico Was Selected as the 2015-2016 Office of Undergraduate Research Inquiry (OURI) Peer Mentor at Florida Atlantic University*****
- **Florida Atlantic University Undergraduate Research Grant**, "Pentraxin 3 Reactivity to Acute Exercise in Obese Individuals", **\$1,000**. Awarded to Arun Maharaja and Alyssa Urtula. Fall 2013.
 - **Florida Atlantic University Undergraduate Research Grant**, "Exercise-induced Autophagy and Apoptosis in Obese and Normal-weight Individuals" **\$600**. Awarded to Alan Wilson. Fall 2012.
- ***Selected as the 2012-2013 ESHP Outstanding Undergraduate Student*****
- **Florida Atlantic University Undergraduate Research Grant**, "Effects of Leptin on Glucocorticoid Sensitivity in the Peripheral Blood Mononuclear Cells of Obese Subjects" **\$600**. Awarded to Christopher Randazzo. Fall 2011.
- *** Selected as the 2011-2012 ESHP Outstanding Undergraduate Student*****
- **Florida Atlantic University Undergraduate Research Grant**, "The Synergistic Effects of Concurrent Stress on the Inflammatory Response in Healthy Individuals" **\$600**. Awarded to David Mcalpine. Summer 2011.

INSTRUCTION

COURSES TAUGHT

Florida Atlantic University

Graduate Courses

- APK 6111 – Advanced Exercise Physiology
- HSC 5178 – Human Obesity (***Developed this course***)
- PET 6355 – Special Topic: Exercise Immunobiology (***Developed this course***)
- PET 6905 – Directed Independent Study

Undergraduate Courses

- APK 4110 – Exercise Physiology
- PET 4263 – Obesity: Biological, Psychological, and Cultural Factors (***Developed this course, and it has been nationally recognized by the Quality Matters***)
- PET 3361 – Nutrition in Health and Exercise (***This course has been nationally recognized by the Quality Matters***)
- HSC 4143 – Substance Abuse
- PET 4330C – Kinesiology
- HSC 4139 – Weight Management
- PET 4905 – Directed Independent Study
- PET 4946 – Internship

A.T. Still University (2012/8 – 2018/10)

Graduate Courses

- KINE 5005 – Exercise and Sport Related Nutrition
- KINE 5110 – Advanced Fitness Nutrition

Virginia Commonwealth University (2006/8 – 2009/7)

- HEMS 601 – Movement Physiology (Graduate Course)
- HPEZ 375 – Exercise Physiology Lab
- HPEZ 334 – Measurement and Analysis Lab
- HPEX 250 – Medical Terminology
- HPEX 200 – Strength, Endurance, and Flexibility

University of Mississippi (2005/1 – 2006/7)

- ES 475 – Exercise Testing and Prescription Lab
- ES 153 – Sports Conditioning
- ES 147 – Tennis
- ES 151 – Weight Lifting
- ES 156 – Jogging

INTERNATIONAL RESEARCH MENTEES (Visiting Scholars)

- Brisamar Estébanez González – Doctoral Student, Institute of Biomedicine (IBIOMED), University of León, Spain (6/1/2019 – 8/31/2019)
- Fereshteh Ahmadabadi – Doctoral Student, Department of Exercise Physiology, University of Birjand, Birjand, Iran (3/16/2019 – 9/15/2019)

THESIS / DISSERTATION COMMITTEES

- Doctoral Dissertation Committee Member - Zac Robinson (Spring 2022 – present)
- Thesis Committee Member - Rebecca Cerminaro (Summer 2021)
– **Accepted to a doctoral program at the University of North Carolina at Greensboro**
- Doctoral Dissertation Committee Member - Fereshteh Ahmadabadi (Spring 2021)
- Thesis Committee Member - Landyn Hickmott (July 2020)
– **Accepted to a doctoral program at University of Saskatchewan, SK, Canada**
- Master's Thesis Committee Member – Colby Sousa (July 2018)
– **Accepted to a doctoral program at Auckland University of Technology, Auckland, New Zealand**
- Thesis Committee Chair – Brandon Fico (July 2017)
 - **Accepted to a doctoral program at the University of Texas, Austin**
 - **Received the FAU Graduate Student Thesis and Dissertation Scholarship Award**
 - **Selected as 2016-2017 ESHP Outstanding Graduate Student**
- Thesis Committee Chair – Peter Ferrandi (July 2017)
– **Accepted to a doctoral program at Purdue University**
- Thesis Committee Member – Mary Jansen (July 2017)
- Thesis Committee Member – Arun Maharaj (July 2016)
– **Accepted to a doctoral program at Florida State University**
- Thesis Committee Member – Rocky Blanco (July 2015)
– **Accepted to a doctoral program at the University of Wisconsin, Madison**
- Thesis Committee Member – Justin Quiles (July 2015)
– **Accepted to a doctoral program at the University of Alabama at Birmingham**

- Thesis Committee Chair - Aaron Slusher (July 2014)
– Accepted to a doctoral program at Virginia Commonwealth University
- Thesis Committee Member – Thomas Mock (July 2014)
– Accepted to a doctoral program at the University of North Texas

PROFESSIONAL PROGRESS OF FORMER MENTEES

- **Alexandra Rodriguez, M.S.** – Instructor, Exercise Science and Health Promotion, Florida Atlantic University, Boca Raton, FL
- **Katie Dodge, M.S.** – High School Teacher, FL
- **Brandon G. Fico, B.S. & M.S.**
 - Exercise Physiology Doctoral Program at the University of Texas, Austin, TX
 - Postdoctoral Research Fellow, University of Wisconsin, Madison, WI
- **Peter J. Ferrandi, M.S.** - Exercise Physiology Doctoral Program at Purdue University, West Lafayette, IN
- **Aaron L Slusher, M.S.**
 - Exercise Physiology Doctoral Program at Virginia Commonwealth University
 - Postdoctoral Research Fellow, Ludlow Integrative Molecular Genetics Laboratory, School of Kinesiology at University of Michigan
 - Postdoctoral Research Fellow at Yale University.
- **David Mcalpine, B.S.** – Physical Therapy Program at University of Miami, Miami, FL
- **Maria Lascurain, B.S.** – Physician Assistant Program at Barry University, Miami, FL
- **Arun Maharaja, B.S.** – Exercise Physiology Graduate Program at Florida Atlantic University, Boca Raton, FL
- **Christopher H. Randazzo, B.S.** – Physical Therapy Program at Pacific University, Portland, OR.
- **Alan Wilson, B.S.** – Working on Biology program at Florida Atlantic University, Boca Raton, FL
- **Alyssa Urtula, B.S.** – Exercise Physiology Graduate Program at Florida Atlantic University, Boca Raton, FL
- **Katelyn Dodge, B.S.** – Exercise Physiology Graduate Program at Florida Atlantic University, Boca Raton, FL

SERVICE AND PROFESSIONAL DEVELOPMENT

Editorial Board

- Faculty Member of Faculty Opinions, Physiology – Exercise Physiology Section, 2020 – present
(<https://facultyopinions.com/prime/thefaculty/physiol?sections=101560021>)
- Session Editor-In-Chief of Adaptive Medicine journal - Sports Medicine Session, 2021 – present

Editorial Reviewer

1. Acta Physiologica Hungarica
2. Adaptive Human Behavior and Physiology
3. American Journal of Epidemiology
4. Archives of Medical Research
5. Applied Physiology, Nutrition, and Metabolism
6. Archives of Endocrinology and Metabolism (Official journal of the Brazilian Society of Endocrinology and Metabolism)
7. Archives of Physiology and Biochemistry
8. Archives of Public Health
9. BMC Sports Science, Medicine and Rehabilitation
10. Brain, Behavior, and Immunity
11. Brain Research Bulletin
12. British Journal of Medicine and Medical Research
13. Canadian Journal of Physiology and Pharmacology
14. Cells
15. Cleveland Clinic Journal of Medicine
16. Ergonomics
17. Frontiers in Medicine
18. Frontiers in Physiology
19. Frontiers in Psychology
20. Human Factors
21. Interface Focus
22. Integrative Obesity and Diabetes
23. International Journal of Chronic Obstructive Pulmonary Disease
24. International Journal of Cardiology
25. International Journal of Environmental Research and Public Health
26. International Journal of Molecular Sciences
27. International Journal of Sports Medicine
28. International Journal of Sport Nutrition & Exercise Metabolism
29. International Journal for Vitamin and Nutrition Research
30. Journal of Affective Disorders

31. Journal of Alzheimer's Disease
32. Journal of Applied Physiology
33. Journal of Cardiovascular Disease Research
34. Journal of Diabetes and Endocrinology
35. Journal of Diabetes and Its Complications
36. Journal of Endocrinology
37. Journal of Endocrinological Investigation
38. Journal of Neuroinflammation
39. Journal of Occupational & Environmental Hygiene
40. Journal de Pediatria (Official Journal of the Brazilian Society of Pediatrics)
41. Journal of Sport and Health Science
42. Journal of Translational Medicine
43. Mechanisms of Ageing and Development
44. Medicina
45. Mediators of Inflammation
46. Molecular Diagnosis & Therapy
47. Medical Science Monitor
48. Medicine & Science in Sports & Exercise
49. Neuroscience Letters
50. Neuropsychopharmacology Reports
51. Nutrients
52. Nutrition Research
53. Nutrition and Metabolic Insights
54. Open Access Journal of Sport Medicine
55. Obesity Research & Clinical Practice
56. Physiology International (A Journal of the Hungarian Academy of Sciences)
57. Physiology & Behavior
58. Psychoneuroendocrinology
59. Research in Sports Medicine
60. Saudi Medical Journal
61. Scandinavian Journal of Medicine and Science in Sports
62. Stress and Health
63. Psychophysiology
64. Pediatric Exercise Science
65. Sport Medicines – Open
66. Stress
67. Turkish Journal of Gastroenterology (Official journal of the Turkish Society of Gastroenterology)

Grant / Promotion Reviewer

- External Reviewer: Assistant professor to associate professor promotion, Virginia Commonwealth University, September 2020.

- Israeli Ministry of Science, Technology & Space (<http://most.gov.il/english/>) - Call for proposals entitled: "Way of Life – Nutrition and Physical Activity and Life quality", Fall 2016

AMERICAN COLLEGE OF SPORTS MEDICINE

- Mentor, the FAU Undergraduate Student Quiz Bowl Team at the American College of Sports Medicine (ACSM) national conference, Boston, MA – June 2016.

*****FAU represented the SEACSM chapter to compete at the ACSM national conference and was placed fifth.**

- Judge, the ACSM Undergraduate Student Quiz Bowl Competition, Boston, MA – June 2016.

SOUTHEAST CHAPTER OF AMERICAN COLLEGE OF SPORTS MEDICINE

- Grant Reviewer, Travel Grant – Federation of American Societies for Experimental Biology (FASEB) Diversity Resources Program (Pilot Program) for Southeast American College of Sports Medicine Meeting (February, 2018) – Fall 2017.
- Tutorial Abstract Reviewer, the Annual Southeast Chapter American College of Sports Medicine Conference, Greenville, SC – Spring 2016.
- Chair, the Tutorial Section at the Annual Southeast Chapter American College of Sports Medicine Conference, Greenville, SC – Spring 2014.
- Abstract Reviewer, the Oral/Poster presentations at the Annual Southeast Chapter American College of Sports Medicine Conference, Greenville, SC – Spring 2013, Spring 2014.
- Chair, the Poster Presentation Section (Athletic Care/Trauma/Rehabilitation, Biomechanics/Gait/Balance, Metabolism/Carbohydrate, Lipid, Protein, Endocrinology/Immunology, and Environmental Physiology) at the Annual Southeast Chapter American College of Sports Medicine Conference, Greenville, SC – Spring 2013.
- Judge, the SEACSM Undergraduate Student Quiz Bowl – Spring 2012, Spring 2015, Spring 2016, Spring 2017, Spring 2018, Spring 2019, Spring 2020
- Faculty Mentor, the FAU SEACSM Undergraduate Student Quiz Bowl Team
 - **2020, 2019, 2018**
 - **2017 (Second place prior to the final Jeopardy; a total of 28 school teams)**

- 2016 (*First Place; a total of 20 school teams*)

*****FAU won the 2016 SEACSM Student Quiz Bowl and represented the SEACSM chapter to compete at the ACSM national conference in Boston, MA*****

- 2015 (*Third Place; a total of 19 school teams*)
- 2014 (*the conference was canceled due to the weather*)
- 2013 (*Fifth Place; a total of 20 school teams*)
- 2012 (*Third Place, a total of 20 school teams*)

UNIVERSITY / COLLEGE SERVICES

Florida Atlantic University

- Chair of the Department Promotion & Tenure Committee, Fall 2021 – present
- Member of the ESHP graduate Curriculum Committee, College of Science, Fall 2021 – present
- Member of the ESHP Undergraduate Curriculum Committee, College of Science, Spring 2016 – present
- Chair of Faculty Search Committee Member, Clinical Cardiovascular Physiology Assistant Professor Position – Fall 2022 – Present
- Faculty Search Committee Member, Health Behavior Assistant Professor Position – Fall 2021 – Spring 2022
- Member of the Faculty Search Committee, Exercise Neuroscience Position (Assistant Professor), Fall 2019 – Spring 2020
- Reviewer of the FAU Summer Undergraduate Research Fellowship (SURF), The Office of Undergraduate Research and Inquiry (OURI), Spring 2019.
- Departmental representative of the College Graduate Program Curriculum Subcommittee, College of Education, Fall 2018 – Summer 2019
- Judge, FAU 8th Annual Undergraduate Research Symposium, Spring 2018.
- Member of the Faculty Search Committee, Health Promotion Instructor Position, Spring 2018

- Departmental representative of the Non-Tenure Promotion Committee, College of Education, Fall 2017 – Spring 2018
- Chair of the Search Committee for the ESHP Research Scientist position, Fall 2017.
- Faculty Panel for the Undergraduate Research Program, Office of Undergraduate Research and Inquiry, Fall 2015 – Spring 2016
- Member of the Faculty Search Committee, Health Promotion Position, Spring 2014
- Member of Alumni Awards Committee, College of Education, Spring 2013
- Member of the Undergraduate Curriculum Committee, College of Education, Fall 2012 – 2014
- Member of the International Committee, College of Education, 2011 – 2012, 2014
- Member of the Subcommittee for the College of Education Outstanding Dissertation Award, 2012 – 2014
- Member of the Search Committee for the Exercise Biochemistry Laboratory Manager Position, Fall 2012 and Spring 2014
- Member of the Faculty Search Committee, Exercise Science Instructor Position, Spring 2012
- Member of the Diversity Committee, College of Education, Fall 2011- Summer 2012
- Commencement Ceremony Marshal, College of Education, Fall 2011, Summer 2012

The University of Mississippi

- Instructor Search Committee, Exercise Science, 2006
- President of Taiwanese Student Association, 2005-2006

Fu-Jen Catholic University

- President of Taitung City Student Association, Taiwan, 1997

COMMUNITY SERVICES

- Research Interview - Runner's World Magazine, Fall 2018
- Research Interview – Shape Magazine, Spring 2017

CERTIFICATIONS

- Certified as a Phlebotomist, National Health Career Association (Certification number 0311-9693)
- Certification of Course Recognition (PET 3361: Nutrition in Health and Exercise) by a National Organization (Quality Matters) since 2015
- Certification of Course Recognition (PET 4263: Obesity: Biological, Psychological, and Cultural Factors) by a National Organization (Quality Matters) since 2014
- eLearning Designer and Facilitator Certification, Florida Atlantic University since 2013

PROFESSIONAL ORGANIZATIONS

- American College of Sports Medicine
- Southeast Chapter of American College of Sports Medicine
- Psychoneuroimmunology Research Society
- The American Physiological Society

HONORS/AWARDS

- **Faculty Member of Faculty Opinions**, Physiology – Exercise Physiology Section, 2020 – present
(<https://facultyopinions.com/search/members?sectionIds=101560021>)
- **Fellow of the American College of Sports Medicine (FACSM)**, 2013 – present
- **The University Distinguished Undergraduate Research and Inquiry Faculty Mentor of the Year Award Nominee**, Nominated by the College of Education, Florida Atlantic University, 2014 – 2015
- **Dissertation Fellowship (Tuition Waiver and Stipend)**
Virginia Commonwealth University, Graduate School, 2009
- **Schumacher Dissertation Research Award (\$1,000)**
Virginia Commonwealth University, School of Education, 2009
- **Academic Scholarship (Tuition Waiver)**
Indiana State University, Department of Kinesiology, Recreation, and Sport, 2004/1 - 2004/12

- **Fourth Place Winner, Taiwan Intercollegiate Rowing Competition (4×), 1998**
- **Bronze Medal Winner, Taiwan Intercollegiate Rowing Competition (2×), 1997**
- **Outstanding Academic Achievement Award (輔仁書卷獎)**
Fu Jen Catholic University, Taipei, Taiwan, 1996 (**\$10,000 TWD**) and 1997 (**\$10,000 TWD**)