

# CURRICULUM VITAE

***Chun-Jung “Phil” Huang, Ph.D., FACSM***

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## **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
- 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 13: Cardiovascular Reactivity and Stress. The Handbook of Research Methods in Health Psychology. Ed. Deborah Ragin & Julian Keenan. ***Taylor & Francis/Routledge: New York, NY. (Accepted).***
- ❖ **Huang, C-J.**, McAllister, M.J., & Slusher, A.L. (2017). The Roles of Psychological Stress, Physical Activity, and Dietary Modifications on Cardiovascular Health Implications. In Oxford Research Encyclopedia of Psychology. Ed. Oliver Braddick. ***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 (7<sup>th</sup> 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)

- ❖ †Brisamar Estebanez, 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., Saghebjo, 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**. doi: 10.1139/apnm-2019-0352. [Epub ahead of print]
- ❖ **Huang, C-J.**, †\*Rodriguez, A.L., Visavadiya, N.P., †\*Fico, B.G., †Slusher, A.L., †Ferrandi, P.J., & Whitehurst, M. (2019). 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**. doi: 10.1080/13813455.2019.1671875. [Epub ahead of print].
- ❖ 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**. doi: 10.1139/apnm-2019-0419. [Epub ahead of print]
- ❖ †\*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.
- ❖ †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.

## **REFEREED PRESENTATIONS AND PROCEEDINGS**

### **National Scientific Presentations**

(†Graduate Mentee; \*Undergraduate Mentee)

- ❖ \*Dinh, S., †Brisamar 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- $\alpha$  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- $\alpha$  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., †Brisamar 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, Florida
- ❖ \*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 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 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- $\alpha$  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- $\alpha$  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.** (November, 2016). 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.** (November, 2016). 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.** (November, 2016). 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 12<sup>th</sup> 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 11<sup>th</sup> 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.

## **GRANTS**

### **External Grants**

#### **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. (**Unfunded**)

#### **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. (**Unfunded**)

#### **Principle Investigator**

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

#### **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. (**Funded**)

#### **Principle Investigator**

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

#### **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. (**Unfunded**)

## **Internal 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. **(Funded)**
- **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. **(Funded)**

### **Principle Investigator**

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

### **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. **(Unfunded)**

### **Principle Investigator**

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

### **Principle Investigator**

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

### **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). **(Funded)**

### **Principle Investigator**

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

### **Principle Investigator**

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

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. **(Unfunded)**

Principle Investigator

- **Graduate Student Research Fund**. Indiana State University, "Physiological Determinants of Rowing Performance" **\$500**, 2004. **(Funded)**

**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**

- ***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)**

PET 4330C – Kinesiology  
HSC 4139 – Weight Management  
PET 4905 – Directed Independent Study  
PET 4946 – Internship

### ***Virginia Commonwealth University***

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***

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**

- Thesis Committee Member - Landyn Hickmott (expected completion on Summer 2020)
- Doctoral Dissertation Committee Member - Fereshteh Ahmadabadi (expected completion Summer 2020)
- Master's Thesis Committee Member – Colby Sousa (Completed on July 2018)  
– **Accepted to a doctoral program at Auckland University of Technology, Auckland, New Zealand**
- Thesis Committee Chair – Brandon Fico (Completed on 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 (Completed on July 2017)  
– **Accepted to a doctoral program at Purdue University**
- Thesis Committee Member – Mary Jansen (Completed on July 2017)
- Thesis Committee Member – Arun Maharaj (Completed on July 2016)  
– **Accepted to a doctoral program at Florida State University**
- Thesis Committee Member – Rocky Blanco (Completed on July 2015)  
– **Accepted to a doctoral program at the University of Wisconsin , Madison**
- Thesis Committee Member – Justin Quiles (Completed on July 2015)  
– **Accepted to a doctoral program at the University of Alabama at Birmingham.**
- Thesis Committee Chair - Aaron Slusher (Completed on July 2014)  
– **Accepted to a doctoral program at Virginia Commonwealth University**
- Thesis Committee Member – Thomas Mock (Completed on July 2014)  
– **Accepted to a doctoral program at the University of North Texas**

## **PROFESSIONAL PROGRESS OF FORMER MENTEES**

- **Alexandra Rodriguez, M.S.** – Exercise Physiologist, Boca Raton Regional Hospital, Boca Raton, FL
- **Katie Dodge, M.S.** – High School Teacher
- **Brandon G. Fico, M.S.** – Exercise Physiology Doctoral Program at the University of Texas, Austin, FL
- **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
- **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
- **Brandon Fico, B.S.** – Exercise Physiology Graduate 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 PROFESIONAL DEVELOPMENT

### Editorial Board

- F1000Prime Faculty Member, Physiology – Exercise Physiology Section, 2020 - 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. Brain, Behavior, and Immunity

10. Brain Research Bulletin
11. British Journal of Medicine and Medical Research
12. Canadian Journal of Physiology and Pharmacology
13. Cleveland Clinic Journal of Medicine
14. Ergonomics
15. Frontiers in Physiology
16. Human Factors
17. Interface Focus
18. Integrative Obesity and Diabetes
19. International Journal of Chronic Obstructive Pulmonary Disease
20. International Journal of Cardiology
21. International Journal of Environmental Research and Public Health
22. International Journal of Molecular Sciences
23. International Journal of Sports Medicine
24. International Journal of Sport Nutrition & Exercise Metabolism
25. International Journal for Vitamin and Nutrition Research
26. Journal of Affective Disorders
27. Journal of Alzheimer's Disease
28. Journal of Applied Physiology
29. Journal of Cardiovascular Disease Research
30. Journal of Diabetes and Endocrinology
31. Journal of Diabetes and Its Complications
32. Journal of Endocrinology
33. Journal of Endocrinological Investigation

34. Journal of Neuroinflammation
35. Journal of Occupational & Environmental Hygiene
36. Journal de Pediatria (Official Journal of the Brazilian Society of Pediatrics)
37. Journal of Sport and Health Science
38. Journal of Translational Medicine
39. Medicina
40. Mediators of Inflammation
41. Molecular Diagnosis & Therapy
42. Medical Science Monitor
43. Medicine & Science in Sports & Exercise
44. Neuroscience Letters
45. Neuropsychopharmacology Reports
46. Nutrients
47. Nutrition Research
48. Nutrition and Metabolic Insights
49. Open Access Journal of Sport Medicine
50. Physiology International (A Journal of the Hungarian Academy of Sciences)
51. Physiology & Behavior
52. Psychoneuroendocrinology
53. Research in Sports Medicine
54. Saudi Medical Journal
55. Scandinavian Journal of Medicine and Science in Sports
56. Psychophysiology
57. Pediatric Exercise Science

58. Sport Medicines – Open

59. Stress

60. Turkish Journal of Gastroenterology (Official journal of the Turkish Society of Gastroenterology)

### **Grant Reviewer**

- 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***

- Faculty Search Committee Member, Exercise Neuroscience Assistant Professor Position, Fall 2019 – Spring 2020
- Reviewer for the FAU Summer Undergraduate Research Fellowship (SURF), The Office of Undergraduate Research and Inquiry (OURI), Spring 2019.
- Graduate Program Curriculum Subcommittee (departmental representative), College of Education, Fall 2018 – Summer 2019
- Judge, FAU 8<sup>th</sup> Annual Undergraduate Research Symposium, Spring 2018.
- Faculty Search Committee Member, Health Promotion Instructor Position, Spring 2018

- Non-Tenure Promotion Committee Member (departmental representative), College of Education, Fall 2017 – Spring 2018
- Committee chair, ESHP Research Scientist position, Fall 2017.
- Faculty Panel for the Undergraduate Research Program, Office of Undergraduate Research and Inquiry, Fall 2015 – present
- ESHP Undergraduate Curriculum Committee member, College of Education, Spring 2016 - present
- Faculty Search Committee Member, Health Promotion Position, Spring 2014
- Alumni Awards Committee Member, College of Education, Spring 2013
- Undergraduate Curriculum Committee Member, College of Education, Fall 2012 – 2014
- International Committee Member, College of Education, 2011 – 2012, 2014
- Subcommittee for College of Education Outstanding Dissertation Award, 2012 – 2014
- Exercise Biochemistry Laboratory Manager Search Committee, Exercise Science, Fall 2012, Spring 2014
- Faculty Search Committee, Exercise Science Instructor Position, Spring 2012
- 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 – Shape Magazine, Spring 2017
- Research Interview - Runner's World Magazine, Fall 2018

## **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), 2015
- Certification of Course Recognition (PET 4263: Obesity: Biological, Psychological, and Cultural Factors) by a National Organization (Quality Matters), 2014
- eLearning Designer and Facilitator Certification, Florida Atlantic University, 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**

- **F1000Prime Faculty Member**, (Physiology, Exercise Physiology section), 2020 – present
- **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**  
Virginia Commonwealth University, Graduate School, 2009
- **Schumacher Dissertation Research Award**  
Virginia Commonwealth University, School of Education, 2009
- **Academic Scholarship (Tuition Waiver)**  
Indiana State University, Department of Kinesiology, Recreation, and Sport, 2003-2004

- **Fourth Place Winner, Taiwan Intercollegiate Rowing Competition (4×), 1998**
- **Bronze Medal Winner, Taiwan Intercollegiate Rowing Competition (2×), 1997**
- **Outstanding Academic Achievement Award**  
Fu-Jen Catholic University, Department of Physical Education, Taipei, Taiwan, 1997