

Tiwaloluwa A. Ajibewa, M.S.

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EDUCATION AND TRAINING

- 2016- Ph.D. Student, School of Kinesiology, Present
University of Michigan, Ann Arbor, MI
- 2016 M.S., Health and Human Physiology, May 2016
University of Iowa – Iowa City, IA
Thesis: *Role of Anxiety on Vascular Dysfunction* (Gary L. Pierce, Ph.D., Jess G. Fiedorowicz M.D. Ph.D., Amy L. Sindler Ph.D., Thesis Committee)
- 2014 B.A., Biology and French (double major), May 2014
University of Minnesota-Morris – Morris, MN

RESEARCH EXPERIENCE

- 2016- Graduate Research Assistant - University of Michigan, School of Kinesiology,
Childhood Disparities Research Laboratory
- 2014-2016 Graduate Research Assistant - University of Iowa, Department of Health and Human
Physiology, Translational Vascular and Physiology Laboratory
- 2013 Undergraduate Research Assistant - University of Miami, Leadership Alliance Summer
Research Program, Laboratory of Neuromuscular Research and Active Aging
- 2012-2014 Undergraduate Research Assistant - University of Minnesota-Morris, Division of
Science and Math, Exercise & Athletics Research
- 2012-2014 Undergraduate Research Assistant - University of Minnesota-Morris, Northstar Louis
Stokes Alliances for Minority Participation (LSAMP) Program

HONORS AND DISTINCTIONS

University of Michigan, 2016-present

- 2018 Engaged Pedagogy Initiative: Community-Based Learning Graduate Training Program
- 2018 Michigan School of Kinesiology Zatkoff Family Graduate Fellowship (\$3000)
- 2018 Michigan School of Kinesiology Excellence in Teaching Award
- 2018 American College of Sports Medicine Leadership & Diversity Training Program
Awardee
- 2018 Michigan Momentum Center Summer Internship Award (\$4000)
- 2017 Michigan Rackham Conference Travel Grant (\$800)
- 2017 Michigan School of Kinesiology Travel Award (\$750)

- 2017 American College of Sports Medicine 64th Annual Meeting FASEB DREAM Travel Award
- 2016- University of Michigan Rackham Merit Fellowship

University of Minnesota-Morris, 2010-2014

- 2014 Scholar of the College
- 2013-2014 Pi Delta Phi-French Honor Society
- 2013 Bos Undergraduate Research Award
- 2013 SEED (Scholarly Excellence in Equity and Diversity) Award
- 2013 Annual Biomedical Research Conference for Minority Students (ABRCMS) Travel Award
- 2012 University of Minnesota-Morris Dean's List
- 2010-2014 Academic Achievement Award, University of Minnesota-Morris Minority Student Program
- 2010-2014 Wallin Scholar - Wallin Education Partners, Minneapolis MN

PUBLICATIONS

Published

1. L. Beemer, **T. Ajibewa**, M. O'Sullivan, M. Nagy, B. Ransier, D. Stockdill, U. Vance, N. Colabianchi, R. Hasson, (2018). Feasibility of interrupting prolonged sitting with activity to enhance movement and learning in the classroom: results from the InPACT intervention. In Press at *Translational Journal of the American College of Sports Medicine*.
2. K. McGlumphy E. Shaver, **T. Ajibewa**, R. Hasson (2018). Perceived Stress Predicts Lower Physical Activity in African-American Boys, but not Girls. *American journal of health behavior*, 42(2), 93-105.
3. D. Nelson, J. Gerras, K. McGlumphy, E. Shaver, A. Gill, K. Kanneganti, **T. Ajibewa**, R. Hasson (2018). Racial Discrimination and Low Parent Education Predict Increased BMI in African American Youth. *Childhood Obesity*.
4. A. Lane-Cordova, G. Z. Kalil, C. Wagner, A. Sindler, J.G. Fiedorowicz, **T. Ajibewa**, W. Haynes, G.L. Pierce, (2018). Hemoglobin A1c and C-Reactive Protein are Independently Associated with Blunted Nocturnal Blood Pressure Dipping in Obesity-Related Prediabetes. *Hypertension Research*.
5. **T. Ajibewa**, M. O'Sullivan, M. Nagy, S. Block, T. Tooley, L. Robinson, N. Colabianchi, R. Hasson (2017). The Effects of Interrupting Prolonged Sitting with Intermittent Activity on Appetite Sensations and Subsequent Food Intake in Preadolescent Children. *PloS one*, 12(2), e0188986.
6. G.L. Pierce, G.Z. Kalil, **T. Ajibewa**, S.W. Holwerda, J. Persons, D.J. Moser, & J.G. Fiedorowicz, (2016). Anxiety independently contributes to elevated inflammation in humans with obesity. *Obesity*; 25(2): 286-289.
7. R. Hardy, **T. Ajibewa**, R. Bowman, & J.C. Brand, (2016). Determinants of Major League Baseball Pitchers' Career Length. *Arthroscopy: The Journal of Arthroscopic & Related Surgery*; 33(2): 445-449.

Under review or revision

1. G.L. Pierce, L. Dindo, **T. Ajibewa**, J. Persons, J. Marchman, S.W. Holwerda, O. Abosi, & J.G. Fiedorowicz. One-Day Acceptance and Commitment Training (ACT) Workshop

Improves Anxiety and Forearm Microvascular Function in Healthy Adults with Moderate to High Anxiety Levels.

2. K. Kanneganti, **T. Ajibewa**, K. McGlumphy, E. Shaver, R. Hasson. Gender Differences in Cardiovascular Risk Factors Among African American Adolescents.
3. NK Rendos, K Harriell, K Lew Feirman, M Potiaumpai, **T. Ajibewa**, JF Signorile. Field and Laboratory Tests of Static and Dynamic Balance: Can they be used interchangeably? Under review at *The Journal of Sports Medicine and Physical Fitness*.

Published abstracts

1. S. Holwerda, J. Fiedorowicz, G. Kalil, J. Persons, A. Stroud, **T. Ajibewa**, K. Dubishar, D. Moser, F.M. Abboud, and G.L. Pierce (2016). Higher anxiety is associated with elevated inflammation independent of obesity in humans. *The FASEB Journal*, 30(1 Supplement), pp.lb763-lb763.
2. A. Bashir, **T. Ajibewa**, F. Ogbazghi, and J. Alia (2013). Natural bond orbitals related to the pKa of carboxyl acids and phenols. In *ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY* (Vol. 245). 1155 16TH ST, NW, WASHINGTON, DC 20036 USA: AMER CHEMICAL SOC.
3. **T. Ajibewa**, M. O'Sullivan, M. Nagy, S. Block, T. Tooley, R.E. Hasson (2017). Effects of interrupting prolonged sitting with activity on appetite sensations In elementary school-age children. *Med. Sci. Sports Exerc.* 49(5S):200.
4. L. Beemer, **T. Ajibewa**, M. O'Sullivan, M. Nagy, B. Ransier, D. Stockdill, U. Vance, N. Colabianchi, R. Hasson. Variability in implementation of a classroom-based physical activity intervention: implications for disparities in pediatric physical activity participation. *Med. Sci. Sports Exerc.* 50(5S):200.

PRESENTATIONS

Gender Differences in Cardiovascular Risk Factors in Black Youth. Kinesiology Graduate Research Showcase, Ann Arbor, MI, 2018.

Gender Differences in Cardiovascular Risk Factors Among African American Adolescents. ObesityWeek 2017, Washington, D.C., 2017.

Effects of Interrupting Prolonged Sitting with Activity on Appetite Sensations in Elementary School-Aged Children. Oral presentation at: 64th Annual American College of Sports Medicine (ACSM) National Meeting, Denver, CO, 2017.

The Effects of Intermittent Activity Breaks on Appetite Sensations and Food Intake in Elementary School-Aged Children. Oral presentation at: Kinesiology Graduate Research Showcase, Ann Arbor, MI, 2017.

Role of Anxiety on Vascular Dysfunction. Oral presentation at: The University of Iowa, Iowa City, IA, 2016.

Balance Tests in Adults: Correlates between measures of balance in Healthy Adults. Poster presentation at: Undergraduate Research Symposium, Morris, MN, 2014.

Correlation among Clinical and Field Tests of Balance in Healthy Adults. Poster presentation at: Annual Biomedical Research Conference for Minority Students, Nashville, TN, 2013.

Correlates between Balance Tests in Adults. Poster presentation at: The Leadership Alliance Symposium, Stamford, CT, 2013.

Balance Tests in Adults. Poster presentation at: The University of Miami Leadership Alliance Undergraduate Presentations, Miami, FL, 2013.

Do innings pitched prior to age 25 affect MLB pitcher longevity? Oral presentation at: Multicultural Mentorship Program, Morris, MN, 2013.

Natural bond orbitals related to the pKa of carboxyl acids and phenols. Poster presentation at: 245th American Chemical Society (ACS) National Meeting, New Orleans, LA, 2013.

NBOs & pKa of carboxyl acids and phenols. Poster presentation at: Undergraduate Research Symposium, Morris, MN, 2013.

TEACHING

2018	Guest lecturer – The Role of Social Factors in Shaping Physical Activity Behaviors, University of Michigan
2017-	Graduate Instructor - Exercise Physiology Laboratory, University of Michigan
2016	Graduate Instructor – Advanced Human Anatomy Laboratory, University of Iowa
2014-2016	Graduate Instructor - Human Anatomy Laboratory, University of Iowa
2013	Undergraduate Teaching Assistant - Organic Chemistry Lab Teaching Assistant, University of Minnesota-Morris
2012	Undergraduate Teaching Assistant - Division of Social Science, University of Minnesota-Morris
2011, 2012	Undergraduate Teaching Assistant - Humanities Division French Discipline, University of Minnesota-Morris

MENTORING

2012-2014	French Tutor - Disability Services and Academic Assistance, University of Minnesota-Morris
2012	Pre-Calculus Tutor - Disability Services and Academic Assistance, University of Minnesota-Morris
2011-2012	Peer Mentor - Louis Stokes Alliances for Minority Participation (LSAMP) Northstar Alliance, University of Minnesota-Morris

PROFESSIONAL SOCIETY MEMBERSHIP

2017-	American College of Sports Medicine
2013-2014	American Chemical Society

SERVICE

Peer Reviewer

Journal of Human Hypertension

University of Michigan (2016-present)

- 2018- Meeting Organizer – Michigan Inter-Professional Health Student Organization, Health Disparities & Inequities in Chronic Disease discussion with Dr. Briana Mezuk
- 2017- Board Member – University of Michigan Vice President Royster Harper’s Student Advisory Board
- 2017- School of Kinesiology student representative - Michigan Inter-Professional Health Student Organization
- 2016- Member – Michigan Kinesiology Diversity and Inclusion Network
- 2016- Member – Michigan Inter-Professional Health Student Organization

University of Iowa (2014-2016)

- 2014-2016 Association of Multicultural Scientists

University of Minnesota-Morris (2010-2014)

- 2013-2014 Search Committee Member – University of Minnesota-Morris French and Latin Search Committee for vacant French tenure position
- 2013-2014 Pi Delta Phi-French Honor Society – University of Minnesota-Morris
- 2012-2014 Multi-Ethic Student Representative – University of Minnesota-Morris Minority Student Program
- 2011-2014 Board member & Co-founder – United Students for Africa student organization, University of Minnesota-Morris

MEDIA

- 2018- Student Interviewer and Writer – Inter-Professional Health Student Organization Faculty Spotlight, Dr. Belinda Needham – University of Michigan

LANGUAGES

Yoruba (fluent)
French (professional proficiency)
English (fluent)