

JACOB T. MEY

Ph.D. Candidate
University of Illinois at Chicago
Department of Kinesiology and Nutrition
1919 West Taylor Street,
Chicago, Illinois 60612
Jmey2@uic.edu

EDUCATION

University of Illinois at Chicago, Chicago, Illinois August 2012 - Present
Ph.D., Nutrition and Kinesiology – Expected Graduation Spring 2017
Dietetic Internship – Expected Completion Spring 2017

Case Western Reserve University, Cleveland, Ohio August 2007 – May 2012
B.A., Nutrition
Advisors: James Swain, Ph.D. and Hope Barkoukis, Ph.D.
Project: Nutritional Regulation of Skeletal Muscle Protein Synthesis
Completed Didactic Program in Dietetics

Padua Franciscan High School, Parma, Ohio June 2007
Summa Cum Laude Graduate (4.0 and higher)
Community Service (50+ hours)

PROFESSIONAL POSITIONS

University of Illinois at Chicago (UIC), Chicago, Illinois August 2012 – Present

Teaching Assistant

2-4 courses (20 hours)/semester

Lecturer (various nutrition courses)

~5 lectures/semester at the graduate and undergraduate level

Graduate Research Assistant

- Method design and development
- Inventory/Ordering
- Oversee lab members/projects
- *Ad hoc* reviewer
- Clinical-translational research
 - Experience in human, cell culture, and *in situ* assays, methods and materials

Cleveland Clinic, Cleveland, Ohio June 2011 – August 2012

Undergraduate Research Assistant

- Undergraduate experience in clinical-translational research
- Manage individual research projects
- Peer-review papers for publication
- Nutrition and lifestyle counselor for STAMPEDE II study

OTHER PROFESSIONAL POSITIONS

General Nutrition Center, Mayfield Heights, Ohio December 2007 - November 2011

General Manager (June 2010-Nov 2011)

- Maximize Store and Company Sales, Multi-time ‘Top Sales’ Monthly Award
- Scheduling, Merchandising, Employee Training, Inventory/Order Control, Human Resource and Loss Prevention functions

OTHER ACTIVITIES

Abstract Reviewer

- American Diabetes Association 74th Annual Sessions (2014)
- PLOS ONE (2014-present)

Student Nutrition Association, University of Illinois at Chicago (2013-Present)

- Member (2013-Present)
- President (2014-2015)

Executive Committee, Student Position, Healthy Aging Dietetic Practice Group, Academy of Nutrition and Dietetics (2016-2017)

AWARDS

Academic Awards

- President's Scholarship, Case Western Reserve University (4 year recipient, 2007-2010)
- Graduate Student Travel Stipend – Kinesiology and Nutrition Department, UIC (2012)

Teaching Assistantship Awards

- Certificate of Excellence: Outstanding Graduate Teaching Assistant Award (Two Time Recipient for the Academic Years 2012-2013, 2013-2014)

Graduate Research Awards

- Recognition for Achievement, Research and Excellence (RARE) – Kinesiology and Nutrition Department, UIC (2015)

Community Service Awards

- Kids Eat Right – Everyday Heroes (Academy of Nutrition and Dietetics, December 2015) <http://bit.ly/1XGFg00>

PROFESSIONAL MEMBERSHIPS

Student Member of the AND, Academy of Nutrition and Dietetics (2010 – present)

- SCAN (Sports, Cardiovascular and Wellness Nutrition practice group) student member (2010-present)
- SCAN Symposium Attendee (2011, 2012, 2013)
- Healthy Aging DPG Student member (2015-present)

Student Member of ACSM, American College of Sports Medicine (2012-present)

- ACSM student member (2012-present)
- ACSM National Symposium attendee (2012)

Student Member of the ADA, American Diabetes Association (2013 – present)

- Abstract submission and poster presentation (2013)

Graduate Student Reviewer, University of Illinois, Chicago - Interdisciplinary Undergraduate Research Journal (2015)

- Review undergraduate research article submissions

RESEARCH SUPPORT

12/30/2015-12/30/2016: Total funds: \$1000 *Sigma Xi, Grant in Aid of Research Award*. "Glyoxalase-1 in Skeletal Muscle with Aging and Exercise." The purpose of this work is to identify GLO1 abnormalities with aging and the benefits with exercise. **Role: (Pre-doctoral) PI**

PUBLICATIONS

Trepanowski JF, **Mey J**, Varady KA. Fetuin-A: a novel link between obesity and related complications. *Int J Obes (Lond)* 2014 Dec 3. doi: 10.1038/ijo.2014.203. [Epub ahead of print] PMID: 25468829

Williamson DL, Dungan CM, Mahmoud AM, **Mey JT**, Blackburn BK, Haus JM. Aberrant REDD1-mTORC1 responses to insulin in skeletal muscle from type 2 diabetics. *Am J Physiol Regul Integr Comp Physiol*. 2015 Aug 12. doi: 10.1152/ajpregu.00285.2015. [Epub ahead of print] PMID: 26269521

In Review

Mahmoud AM, Szczurek MR, Blackburn BK, **Mey JT**, Chen Z, Robinson AT, Bian JT, Unterman TG, Minshall RD, Brown MD, Kirwan JP, Phillips SA, Haus JM. Hyperinsulinemia Augments Endothelin-1 Release and Impairs Vasodilation of Human Skeletal Muscle Arterioles. *International Journal of Obesity*. Submitted March 17, 2016. Manuscript # 2016IJO00438

ABSTRACTS

Haus JM, **Mey JT**, Solomon TP, Kasumov T, Zhang R, Kirwan JP. Methylglyoxal and glyoxal-derived hydroimidazolone-AGEs are reduced with aerobic exercise training plus a glycemic index diet in obese subjects. *American College of Sports Medicine, San Francisco, CA, 2012*

Jacob T. Mey, Lee E. Nadolski, Thomas P. J. Solomon, Ciaran E. Fealy, Steven K. Malin, John P. Kirwan, Jacob M. Haus. Diminished Glyoxalase I Activity in Skeletal Muscle of Obese Individuals is Associated with Determinants of Metabolic Health – American Diabetes Association, Chicago 2013 - accepted as poster (**Presenting Author**)

Abeer M. Mahmoud, **Jacob T. Mey**, Thomas P.J. Solomon, Ciaran E. Fealy, Steven K. Malin, John P. Kirwan, Jacob M. Haus. Glyoxalase 1 protein expression in human skeletal muscle is normalized following aerobic exercise training in obese insulin resistant adults - Biochemical Society: Glyoxalase Centennial, Warwick, UK 2013.

Abeer M. Mahmoud, Brian K. Blackburn, Karia Coleman, **Jacob T. Mey**, Vikram S. Somal, Thomas P. J. Solomon, Ciaran E. Fealy, Steven K. Malin, John P. Kirwan, Jacob M. Haus. Aerobic Exercise Induces RAGE Shedding via ADAM10 in Human Skeletal Muscle - 13th Biennial Advances in Skeletal Muscle Biology in Health and Diseases Conference, Gainesville, FL 2014

Abeer M. Mahmoud, **Jacob T. Mey**, Thomas P.J. Solomon, John P. Kirwan, Jacob M. Haus. Aerobic Exercise Reduces Pro-inflammatory Cytokines in Skeletal Muscle Via Down Regulation of RAGE in Obese Insulin Resistant Adults – American Diabetes Association, Boston, MA 2015

Jacob M. Haus, Vikram S. Somal, Sarah S. Farabi, **Jacob T. Mey**, Brian K. Blackburn, Karia Coleman, Laurie Quinn. Acute Aerobic Exercise Increases Plasma Soluble Receptor of Advanced Glycation Endproducts (sRAGE) in Obese Insulin Resistant Adults – American Diabetes Association, Boston, MA 2015

Jacob T Mey, Abeer M Mahmoud, Jacob M. Haus: GLO1 Protein Expression In Reduced In Individuals With T2DM And May Be Related To Chronic Hyperinsulinemia – Experimental Biology, San Diego, CA 2016 (Accepted)

CERTIFICATIONS

CPR/AED

REFERENCES

Kirsten Straughan, RD, MS Former Co-Employer (UIC), 4 years (312-996-7890)

John Kirwan, PhD Former Employer (Cleveland Clinic), 6 years (216-440-3900)

Jacob Haus, PhD Current Employer and Mentor (UIC), 6 years (330-518-8225)