

Liam McKeever, PhD, RDN, FASPEN

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Rush University Medical Center
Dept. of Clinical Nutrition
Chicago, IL 60612

EDUCATION

University of Illinois at Chicago Chicago, IL
PhD, Human Nutrition 2018
Concentration: Clinical Nutritional Epidemiology
Dissertation Title: Feeding the Critically Ill During Phases of Altered Redox Status (The FEDOX Trial)
Committee: Carol Braunschweig (Chair), Antonio Bianco, Alan Diamond, Omar Lateef, and Sally Freels

University of Illinois at Chicago Chicago, IL
MS, Human Nutrition (Coordinated Dietetic Program) 2014
Thesis Project Title: Nutrition Support in Trauma Patients: a Systematic Review
Advisor: Carol Braunschweig

University of Illinois at Chicago Chicago, IL
BA, Psychology 2012
Honors Thesis Title: Accessible Chinatown: Softening the Asian Market Towards
Hiring People with Disabilities
Advisors: Rooshey Hasnain and Fabricio Balthazar

CURRENT POSITION

Rush University Chicago, IL
Assistant Professor 2023-Present

University of Illinois Chicago, IL
Adjunct Assistant Professor* 2019, 2021-2023

Loyola University Chicago, IL,
Adjunct Assistant Professor 2022-Present

American Society for Parenteral and Enteral Nutrition Silverspring, MD
Director & Editor-in-Chief of the ASPEN Clinical Guidelines 2020-Present

University of Pennsylvania, Dept. Biostatistics, Epidemiology and Informatics Philadelphia, PA
Postdoctoral Fellow for Penn Center for Nutrition Science and Medicine 2019-2021
(PenNSaM)

Rush University Chicago, IL
Adjunct Professor* 2018-201

- See TEACHING EXPERIENCE section for details

PAST RESEARCH SUPPORT

Agency for Health and Research Quality (AHRQ) RTFO No. 8, **(Co-I)**, 2020-2021. Malnutrition in the Hospitalized Adults. I am collaborating with the ECRI-Institute to create a systematic review on malnutrition screening and assessment tools in hospitalized adults. Role: Methodologist and Content Expert, 15% effort.

ASPEN Rhoads Research Foundation: Daniel H. Teitlebaum Grant, **(PI)**, 2017-2018. Feeding the Critically Ill During Phases of Altered Redox Status (FEDOX): a Prospective Randomized Trial. The primary goal was to determine the impact of feeding on oxidative stress in mechanically ventilated SIRS patients.

RESEARCH EXPERIENCE

- Co-authored and contributed to the research methods for 8 national and 1 international publication of the ASPEN Clinical Guidelines examining best practices in nutrition support for critically ill adults, pediatrics, neonates, catheters, body composition techniques, entero-cutaneous fistulas and Enhanced Recovery After Surgery(ERAS). 2016-Present
- Became Clinical Guidelines Director and an Editor-in-Chief of the ASPEN Clinical Guidelines 2020
- Vice Chair and Methodologist for the ASPEN COVID-19 Nutrition Task Force Scoping Review 2020
- Developed the mechanistic background for a study examining the synergistic effect of xanthine oxidase inhibitors and fructose restriction on non-alcoholic fatty liver disease. 2020-Present
- Designed and defended interventional component for a crossover omics study to determine the impact of unprocessed vs. ultra-processed foods on human metabolome. 2019-Present
- Co-designed and articulated aims for a study to determine the impact of bariatric surgery on human metabolome/microbiome. 2019-Present
- Content contributor for the current ASPEN Clinical Guidelines for Nutrition Support in Critical Care. 2018-Present
- Proposed and obtained an education session to present my research at the 2019 ASPEN Nutrition Science and Practice Conference 2018
- Designed, conducted, and published a large epidemiologic analysis (n=1001) exploring predictors of malnutrition and oral nutritional supplement usage amongst a multi-ethnic sample of older urban community-dwelling Chicagoans. 2018
- Conceptualized, designed, funded, and executed a prospective randomized controlled feeding trial in critically ill patients (n=35). 2017-2018
- Authored 2 scientific reviews on nutrition support in acute and chronic pulmonary disease for Scientific American Nutrition (awaiting publication). 2017-2018
- Authored and obtained a grant from the ASPEN Rhoads Research Foundation for my dissertation topic. 2016-2017
- Conceptualized, designed, and executed a validation study of the Gomez-Perez techniques for determining body composition through CT-scan analysis using Image J and Slice-o-matic software. 2016
- Mentored a student through the study design, write-up and presentation of her Honor's thesis
- Authored "Vitamins and Trace Elements" chapter for the 3rd edition of the ASPEN Nutrition Support Core Curriculum Textbook. 2016
- Completed my dissertation research proposal 2016
- Completed my preliminary exams and attained PhD candidacy (Areas of focus: epidemiology, nutrition, free radical biochemistry, thyroid endocrinology, nutrigenetics, and longitudinal data analysis). 2016

- Created and published a new system for improving the transparency and reproducibility of search methodologies in systematic reviews. These methods have since been adopted by the ASPEN Clinical Guidelines. 2015
- Analyzed CT-Scans through Slice-o-matic for a body composition study with Sandra Gomez-Perez 2015
- Performed a systematic review on the current state of knowledge for nutrition support in trauma patients. 2014
- Codesigned and coauthored a review of survey inclusivity for individuals with disabilities. 2013
- Paraprofessional counselor/mentor for the Intouch Crisis Counseling Hotline. 2012-2013
- Designed and executed a community participatory engagement project exploring job accessibility in Chinatown for Asians with disabilities. 2012
- Codesigned and coauthored a review of techniques used to translate traditional pencil and paper psychological research to online research methodologies. 2012
- Ran interventions for a social psychological research lab 2012

PUBLICATIONS

(Underlined=Corresponding/Senior Author)

- Dresen E, Bear DE, DePriest A, ...**McKeever, L**, et al. Role of dietitians in optimizing medical nutrition therapy in cardiac surgery patients: A secondary analysis of an international multicenter observational study. *JPEN J Parenter Enteral Nutr.* 2025;49(4):476-487. doi:10.1002/jpen.2755
- Fukushima R, Compher CW, Correia MITD, ...**McKeever, L**, et al. Recognizing malnutrition in adults with critical illness: Guidance statements from the Global Leadership Initiative on Malnutrition. *Clin Nutr.* 2025;49:202-208. doi:10.1016/j.clnu.2025.03.011
- Compher CW, Fukushima R, Correia MITD, ...**McKeever, L**, et al. Recognizing malnutrition in adults with critical illness: Guidance statements from the Global Leadership Initiative on Malnutrition. *JPEN J Parenter Enteral Nutr.* 2025;49(4):405-413. doi:10.1002/jpen.2748
- **McKeever L**. Micronutrients: Fat Soluble Vitamins. In: Chan LN, ed. ASPEN Adult Nutrition Support Core Curriculum. 4th ed. American Society for Parenteral and Enteral Nutrition; 2025:139-162.
- **McKeever L**. Micronutrients: Water Soluble Vitamins. In: Chan LN, ed. ASPEN Adult Nutrition Support Core Curriculum. 4th ed. American Society for Parenteral and Enteral Nutrition; 2025:163-186.
- **McKeever L**. Micronutrients: Trace Elements and Other Compounds. In: Chan LN, ed. *ASPEN Adult Nutrition Support Core Curriculum*. 4th ed. American Society for Parenteral and Enteral Nutrition; 2025:187-210.
- Robinson DT, Calkins KL, Chen Y, ...**McKeever, L**. Response to "Commentary on 'Guidelines for parenteral nutrition in preterm infants: The American Society for Parenteral and Enteral Nutrition'". *JPEN J Parenter Enteral Nutr.* Jan 8 2024;doi:10.1002/jpen.2579
- Robinson DT, Calkins KL, Chen Y, ...**McKeever, L**, et al. Guidelines for parenteral nutrition in preterm infants: The American Society for Parenteral and Enteral Nutrition. *JPEN J Parenter Enteral Nutr.* Sep 2023;47(7):830-858. doi:10.1002/jpen.2550
- Rice TW, Bingham AL, Braunschweig C, ...**McKeever, L**. Response to "Commentary on 'Guidelines for the provision of nutrition support therapy in the adult critically ill patient: The American Society for Parenteral and Enteral Nutrition'": Clarity, scientific rigor, and a call to action. *JPEN J Parenter Enteral Nutr.* 2022;46(6):1228-1231.
- Compher C, Bingham AL, McCall M, ... & **McKeever L**. Guidelines for the provision of nutrition support therapy in the adult critically ill patient: The American Society for Parenteral and Enteral Nutrition. *JPEN J Parenter Enteral Nutr.* 2022;46(1):12-41.
- Sieber A, Abera FN, Bonhomme B, **McKeever L**, Lewis JD. Influence of Corticosteroid Use on Short- and Long-Term Outcomes of Biologic Therapy for Inflammatory Bowel Diseases. *Dig Dis Sci.* 2022;67(11):5168-5176.

- Chassaing B, Compher C, Bonhomme B, ...**McKeever, L**. Randomized Controlled-Feeding Study of Dietary Emulsifier Carboxymethylcellulose Reveals Detrimental Impacts on the Gut Microbiota and Metabolome. *Gastroenterology*. 2022;162(3):743-756.
- Ventura JC, Silveira TT, Bechard L, **McKeever L**, Mehta NM, Moreno YMF. Nutritional screening tool for critically ill children: a systematic review. *Nutr Rev*. 2021.
- Uhl S, Siddique SM, **McKeever L**, et al. In: *Malnutrition in Hospitalized Adults: A Systematic Review*. Rockville (MD) AHRQ. 2021.
- **McKeever L**. New implementations for the ASPEN clinical guidelines and a call for protocol review on the nutrition guidelines for adult head and neck cancer. *JPEN J Parenter Enteral Nutr*. 2021;45(7):1397-1399.
- Mechanick JI, Carbone S, Dickerson RN, ...**McKeever L** Clinical Nutrition Research and the COVID-19 Pandemic: A Scoping Review of the ASPEN COVID-19 Task Force on Nutrition Research. *JPEN J Parenter Enteral Nutr*. 2021;45(1):13-31.
- Lewis JD, Sandler RS, Brotherton C...**McKeever, L**, et al. A Randomized Trial Comparing the Specific Carbohydrate Diet to a Mediterranean Diet in Adults With Crohn's Disease. *Gastroenterology*. 2021;161(3):837-852 e839.
- **McKeever L**, Peterson SJ, Lateef O, Braunschweig C. The Influence of Timing in Critical Care Nutrition. *Annu Rev Nutr*. 2021;41:203-222.
- **McKeever, L**. Overview of study designs: a deep dive into research quality assessment. *Nutrition in Clinical Practice*. 2021 Accepted and Awaiting Publication.
- **McKeever L**, Peterson SJ, Lateef O, Freels S, Diamond AM, Braunschweig CA. Impact of MnSOD and GPx1 Genotype at Different Levels of Enteral Nutrition Exposure on Oxidative Stress and Mortality: A Post hoc Analysis From the FeDOx Trial. *JPEN J Parenter Enteral Nutr*. 2020.
- **McKeever L**, Peterson SJ, Cienfuegos S, et al. Real-time energy exposure is associated with increased oxidative stress among feeding-tolerant critically ill patients: results from the FEDOX trial. *JPEN J Parenter Enteral Nutr*. Jan 29 2020.
- Levine A, Rhodes JM, Lindsay JO..., **McKeever, L**, et al. Dietary Guidance From the International Organization for the Study of Inflammatory Bowel Diseases. *Clin Gastroenterol Hepatol*. 2020;18(6):1381-1392.
- **McKeever L**, Peterson SJ, Lateef O, et al. Higher caloric exposure in critically ill patients transiently accelerates thyroid hormone activation. *J Clin Endocrinol Metab*. Oct 3 2019.
- Gomez-Perez S, **McKeever L**, Sheean P. Tutorial: A Step-by-Step Guide (Version 2.0) for Measuring Abdominal Circumference and Skeletal Muscle From a Single Cross-Sectional Computed-Tomography Image Using the National Institutes of Health ImageJ. *JPEN J Parenter Enteral Nutr*. Oct 15 2019.
- Peterson SJ, **McKeever L**, Lateef OB, Freels S, Fantuzzi G, Braunschweig CA. Combination of High-Calorie Delivery and Organ Failure Increases Mortality Among Patients With Acute Respiratory Distress Syndrome. *Crit Care Med*. Oct 9 2018.
- Sheean P, Gonzalez MC, Prado CM, **McKeever L**, Hall AM, Braunschweig CA. American Society for Parenteral and Enteral Nutrition Clinical Guidelines: The Validity of Body Composition Assessment in Clinical Populations. *JPEN J Parenter Enteral Nutr*. Jun 19 2019.
- **McKeever, L**, Farrar, IC, Suelo, S, Patridge, J, Sheean, P, Fitzgibbon, M. Nutritional Adequacy and Oral Nutrition Supplementation in Older Community Dwellers. *J Aging Res Clin Pract*. 2018; 7.
- **McKeever, L** Vitamins and Minerals. *ASPEN Core Curriculum*. 3rd Edition. 2018.
- Kovacevich DS, Corrigan M, Ross VM, **McKeever L**, Hall AM, Braunschweig C. American Society for Parenteral and Enteral Nutrition Guidelines for the Selection and Care of Central Venous Access Devices for Adult Home Parenteral Nutrition Administration. *JPEN J Parenter Enteral Nutr*. 2018.
- Peterson, SJ, Lateef, OB, Freels, S, **McKeever, L** et al. Early Exposure to Recommended Calorie Delivery in the Intensive Care Unit Is Associated With Increased Mortality in Patients With Acute Respiratory Distress Syndrome. *JPEN J Parenter Enteral Nutr*. 2017 June 29.
- **McKeever L**, Bonini M, Braunschweig C. Feeding During Phases of Altered Mitochondrial Activity: A Theory. *JPEN J Parenter Enteral Nutr*. 2018; 42(5):855-63.
- **McKeever L**, Nguyen V, Peterson SJ, Gomez-Perez S, Braunschweig C. Demystifying the Search

Button: A Comprehensive PubMed Search Strategy for Performing an Exhaustive Literature Review. *JPEN J Parenter Enteral Nutr.* 2015 Aug;39(6):622-35.

- Kumpf, VJ, de Aguilar-Nascimento, JE, Diaz-Pizarro Graf, JI, McKeever, L, Compher, C. ASPEN-FELANPE clinical guidelines. *JPEN J Parenter Enteral Nutr.* 2017; 41(1):104-112.
- Mehta NM, Skillman HE, Irving SY, **McKeever, L**, et al. Guidelines for the provision and assessment of nutrition support therapy in the pediatric critically ill patient: Society of critical care medicine and American society for parenteral and enteral nutrition. *Pediatr Crit Care Med.* 2017; 18(7):675-715.
- Braunschweig CL, Freels S, Sheean PM, **McKeever, L**. Role of timing and dose of energy received in patients with acute lung injury on mortality in the intensive nutrition in acute lung injury trial (INTACT): A post hoc analysis. *Am J Clin Nutr.* 2017; 105(2):411-416.
- Peterson, SJ, Lateef, OB, Freels, S, **McKeever, L**, Fantuzzi, G, Braunschweig, CA. Early exposure to recommended calorie delivery in the intensive care unit is associated with increased mortality in patients with acute respiratory distress syndrome. *JPEN J Parenter Enteral Nutr.* 2017: 148607117713483.
- Gomez-Perez SL, Haus JM, Sheean P, Patel B, Mar W, Chaudhry V, **McKeever L**, Braunschweig C. Measuring Abdominal Circumference and Skeletal Muscle From a Single Cross-Sectional Computed Tomography Image: A Step-by-Step Guide for Clinicians Using National Institutes of Health ImageJ. *JPEN J Parenter Enteral Nutr.* 2015 Sep 21.
- Hasnain, R, Shpigeman, CN, Scott, M, Gunderson, JR, Rangin, HB, Oberoi, A, **McKeever, L**. Surveying people with disabilities: Moving toward better practices and policies. *Handbook of Healthy Survey Methods.* Wiley-Blackwell. (2014) Pg.619-642.
- Sargis, EG, Skitka, LJ, **McKeever, L**. The internet as a psychological laboratory revisited: Best practices, challenges, and solutions. *The Social Net: Understanding our Online Behavior.* Oxford Publishing. (2013) Chp. 13.

PENDING PUBLICATIONS

- Currently writing up results for the 3 clinical guidelines and expect to publish two this year.

POSTERS and ABSTRACTS

- **McKeever, L**, Farrar, IC, Suelo, S, Patridge, J, Sheean, P, Fitzgibbon, M. Nutritional Adequacy and Oral Nutrition Supplementation in Older Community Dwellers. 2019. Poster and Abstract
- "Exploring the effect of calorie exposure on low T3 syndrome and its relationship with oxidative stress in critically ill patients: a prospective randomized control trial" 2019 Abstract
- **McKeever, L**, Sheean, P, Joseph, K, and Braunschweig, C. Nutrition Support in Trauma Patients: a Systematic Review. ASPEN Clinical Nutrition Week Jan. 2013. Poster and Abstract.

MENTORSHIP EXPERIENCE

- Primary PhD Advisor for Kelly Roehl, MS, RDN, who is examining how clinical guidelines are implemented in the field (2024 to Present)
- Bailey, J, Coene, L., Klein, E, & **McKeever, L**. Timing of Nasogastric Tube Placement in Hospitalized Patients. 2024-present. I am mentoring two masters students through their master research project: a retrospective medical chart review.
- Humphrey, J, Printy, H, Klein, E, & **McKeever, L**. Long-term Total Parenteral Nutrition Use and Micronutrient Deficiencies. 2024-present. I am mentoring two masters students through their master research project: a retrospective medical chart review.
- Cohen, S. & **McKeever, L**. Autism and Food Sensitivity. 2025-present. I am mentor an MS RD in the field through a systematic review to examine techniques for managing picky eating in autistic children.

- Bogdan, Y, Gonzales, V, Jansto, R , & McKeever, L. Exploring the Impact of Protein Dosing on Clinically Relevant Outcomes in Critically Ill Patients. 2024-2025 I led three students through a rigorous systematic review over 2 years.
- Drolet, J, Davis, G, Farooqui, N, & McKeever, L. Exploring the Impact of Energy Dosing on Clinically Relevant Outcomes in Critically Ill Patients. 2024-2025 I led three students through a rigorous systematic review over 2 years.
- Kokkinias, M, Braunschweig, C, and **McKeever, L*** Identifying Severe Nutrition Risk Using Image J Software. 2016. I mentored this student through every phase of her Honor's Thesis and Poster Presentation

TRAININGS AND CERTIFICATION

- Trained in "Gopen: Reader Expectation Approach to the English Language" Online video training by George D. Gopen, JD, PhD from Duke University. 2020
- Attended "How to Write Winning Grants" by Grant Writers' Seminars and Workshops at University of Pennsylvania. 2019
- Attended the Nutrigenetics, Nutrigenomics, and Precision Nutrition training through University of North Carolina(Charlotte/Chapel Hill). 2018
- Trained in TPN scrip writing and electrolyte monitoring for 2 months at Rush University Medical Center. 2017
- Completed onsite training in the GRADE system for research quality at New York University. 2015
- Trained with Sandra Gomez-Perez in CT-Scan analysis for body composition. 2015
- Completed a full dietetic internship and passed the Registered Dietitian Nutritionist Exam. 2014

AWARDS AND HONORS

- Fellow of the American Society for Parenteral and Enteral Nutrition (FASPEN) 2020
- Abstract Award: for the GI Group "Exploring the effect of calorie exposure on low T3 syndrome and its relationship with oxidative stress in critically ill patients: a prospective randomized clinical trial" won Best of ASPEN 2019. 2019
- Abstract of Distinction for "Exploring the effect of calorie exposure on low T3 syndrome and its relationship with oxidative stress in critically ill patients: a prospective randomized clinical trial" 2019
- Received a scholarship and attended the Nutrigenetics, Nutrigenomics, and Precision Nutrition training through University of North Carolina 2018
- ASPEN Rhoads Research Foundation: Daniel H. Teitlebaum Grant (P.I.) 2017
- Departmental Excellence in Teaching Assistance Award (Twice) 2015 - 2016
- Kamath Award to cover a semester of tuition 2013
- Departmental Award for Academic Excellence in Nutrition Science 2012
- Chancellors Student Service Award 2012

INVITED TALKS

Accepted and Upcoming "The ASPEN/SCCM Pediatric Critical Care Nutrition Guidelines" ASPEN 2022 Nutrition Science and Practice Conference. Long Beach, CA February, 2026

Accepted and Upcoming "The ASPEN Nutrition Guidelines for Adult Patients with Head and Neck Cancer" ASPEN 2022 Nutrition Science and Practice Conference. Long Beach, CA February, 2026

Accepted and Upcoming “Protein Needs in CKD: Balancing Guidelines for Low vs. Higher Protein Diets” AND Food and Nutrition Conference and EXPO. Nashville, TN October 2025

“Nutrition Clinical Research Fundamentals: Being a better consumer of the literature” ASPEN Nutrition Science & Practice Conference, Columbus, Ohio March 2025

“The ASPEN Guidelines: Current Challenges and Proposed Solutions” The ASPEN Clinical Summit, Chicago, IL, 2024

“Research Needed to Better Support Pediatric Malnutrition Guidelines and Access” Malnutrition in Clinical Settings: Research Gaps and Opportunities. Webinar for National Institutes of Health. 2022

“2021 ASPEN Nutritional Guideline for the Adult Critically Ill Patient” ASPEN 2022 Nutrition Science and Practice Conference. Seattle, Wa 2022.

“Preliminary Findings from the ERAS Guidelines” ASPEN 2022 Nutrition Science and Practice Conference. Seattle, Wa 2022.

“The influence of Genetic Alleles in Feeding Critically Ill Patients”, Perelman School of Medicine, University of Pennsylvania, Philadelphia, PA. June 2021.

“Mechanisms of Harm in Feeding the Critically Ill” Perelman School of Medicine, University of Pennsylvania, Philadelphia, PA. March 2020. Center for Molecular Study of Liver and Digestive Disease Conference.

“Study Design” Perelman School of Medicine, University of Pennsylvania, Philadelphia, PA. December 2019. Penn Center for Nutrition Science and Medicine (PenNSAM) Symposium.

“Mechanisms of Harm in Feeding the Critically Ill” ASPEN Nutrition Science and Practice Conference. Phoenix, AZ. March 2019. ASPEN Education Session.

"Exploring the effect of calorie exposure on low T3 syndrome and its relationship with oxidative stress in critically ill patients: a prospective randomized control trial" ASPEN Nutrition Science and Practice Conference. Phoenix, AZ. March 2019. ASPEN Oral Presentation.

“Feeding the Critically Ill During Phases of Altered Redox Status: the Results of the FEDOX Trial” Rush University College of Nutrition, Chicago, IL. December 2018. Invited by Sarah J. Peterson, PhD

“Research Methods and Search Strategies for Performing Systematic Reviews” Multidisciplinary Research Group, Boston Children’s Hospital. Boston, MA. Online Webinar. March 2018. Invited by Nilesch Mehta, MD.

“Feeding the Critically Ill During Phases of Altered Redox Status: Protocol for the FEDOX Trial” Rush University Neuro-surgical ICU Critical Care Physicians, Chicago, IL. September 2017. Invited by Sayona John, MD.

“Feeding the Critically Ill During Phases of Altered Redox Status: Protocol for the FEDOX Trial” Rush University College of Nutrition, Chicago, IL. December 2018. Invited by Sandra Gomez-Perez, PhD

“Feeding the Critically Ill During Phases of Altered Redox Status: Protocol for the FEDOX Trial” Rush University Medical Center, Joint RUMC & Stroger Hospital Grand Rounds for Pulmonary and Critical Care. Chicago, IL. September 2017. Invited by Sarah Peterson, PhD

“Demystifying the Search Button: a Comprehensive PubMed Search Strategy for Performing a Systematic

Review”. Grant Writing Course, University of Illinois at Chicago, September 2017. Invited by Timothy Koh, PhD

“Research Methods and Search Strategies for Performing Systematic Reviews” Multidisciplinary Research Group, Boston Children’s Hospital. Boston, MA. Online Webinar. September 2016. Invited by Niles Mehta, MD.

“Demystifying the Search Button: a Comprehensive PubMed Search Strategy for Performing a Systematic Review”. Academic Writing Course, University of Illinois at Chicago, September 2016. Invited by Giamila Fantuzzi, PhD

SERVICE AND AFFILIATIONS

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| • Scientific Reviewer for NIH NINDS | 2021-Present |
| • Editorial Board: Review Editor for Frontiers in Immunology: Inflammation | 2021-Present |
| • Member, ASPEN 2021 Nutrition Science & Practice Conference Program Committee | 2020-Present |
| • Member, Guidelines Committee for the American Society for Parenteral and Enteral Nutrition | 2015-Present |
| • Member, Research Committee for the American Society for Parenteral and Enteral Nutrition | 2018-Present |
| • Member, Abstract Committee for the American Society for Parenteral and Enteral Nutrition | 2018-Present |
| • Member, Society for Epidemiologic Research | 2019-Present |
| • Member, Committee for Hiring a New Department Head, (twice)
University of Illinois at Chicago | 2016 - 2017 |
| • Representative, Graduate Student Council (three times) | 2014 - 2016 |
| • Member of the American Society for Parenteral and Enteral Nutrition | 2013-Present |
| • Member of the Academy of Nutrition and Dietetics | 2012-Present |

TEACHING EXPERIENCE

Rush University

Assistant Professor

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|---|--------------|
| • Instructor and creator for <i>NTR 625: Fundamental of Human Nutrition</i> | Chicago, IL |
| • Instructor and creator for <i>NTR 626: Clinical Nutrition I</i> | 2023-present |
| • Instructor and creator for <i>NTR 691: Nutritional Epidemiology</i> | |
| • Instructor and creator for <i>NTR 621: Regulation of Macronutrients</i> | |
| • Instructor and creator for <i>NTR 622: Vitamins and Minerals</i> | |
| • Instructor and creator for <i>NTR 900: Applied Nutrigenetics</i> | |

University of Illinois at Chicago

Adjunct Assistant Professor

Chicago, IL
2019, 2021-2023

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| • Instructor and creator for <i>HN 307: Human Nutrition and Metabolism</i> | |
| • Instructor and creator for <i>HN596: Precision Nutrition: Applied Nutrigenomics</i> | |
| • Instructor and creator for <i>HN 503: Advanced Pathophysiology (of COVID-19)</i> | |
| • Instructor and creator for <i>HN440: Research Methods</i> | |

Loyola University

Adjunct Assistant Professor

Chicago, IL
2022-2023

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| • Instructor and creator for <i>GNUR 156: Human Physiology</i> | |
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- Instructor and creator for ***GNUR 155: Human Anatomy***

Rush University

Chicago, IL

Adjunct Professor (College of Medicine)

2019

- Content creator and Instructor for the nutritional content of :
 - ***RMD 561: Host Defense and Response***
 - ***RMD 562: Vital Fluids and Gases***
 - ***RMD 563: Energy Metabolism and Nutrition***

Adjunct Professor (College of Health Sciences)

2019

- Course Creator and instructor for the online Bachelor's-level course
 - ***HSC 561: Principles of Health and Wellness***

Adjunct Professor (College of Nutrition)

2018

- Course Creator and instructor for the Master's-level courses
 - ***NTR 621: Regulation of Macronutrient and Energy Metabolism in Human Nutrition***
 - ***NTR 622: Vitamins and Minerals***

University of Illinois at Chicago

PhD Graduate Assistant

2014-2018

- Primary instructor and course creator for ***HN 307: Human Nutrition and Metabolism*** a Bachelor's level complete course in macro- and micronutrient biochemistry. (4 years)
- Teaching assistant for a 100-level course in Nutrition, Nutrition Through the Lifecycle, and three levels of Medical Nutrition Therapy (Clinical Nutrition I, II, and III)

University of Illinois at Chicago

Chicago, IL

Master's Graduate Assistant

2013-2014

- Instructor for two sections of cadaver lab for
KN250: Human Physiological Anatomy I and ***KN251: Human Physiological Anatomy II***

SKILLS AND TECHNICAL PROFICIENCIES

- **Statistical Software**
 - Statistical Analysis Software (SAS)
 - Stata
 - Statistical Package for the Social Sciences (SPSS)
- **Adobe Suite**
 - Premier Pro, Audition (for video editing for my courses)
 - Photoshop, Illustrator (for creating figures and diagrams)
- **Body Composition Software**
 - Slice-o-matic (for inferring body composition from abdominopelvic CT-Scans)
 - Image J
- **Others**
 - Quicktime (for creating screen-capture videos)
 - Adobe Acrobat
 - Microsoft Office Suite