

Amy Loverin, MS, RD, CD

College of Health, Department of Nutrition & Integrative Physiology
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Education

Master of Science | University of Utah (Salt Lake City, UT), 2018

- Major: Nutrition and Integrative Physiology (Sports Nutrition Concentration)
- Thesis: *Uteroplacental Insufficiency Causes Sex-Divergent Changes in the Placental PPAR γ -Setd8 Axis in the Rat*; PI – Lisa Joss-Moore, PhD

Bachelor of Arts | Simpson College (Indianola, IA), 2016

- Majors: Biochemistry, Exercise Science
- Honors: *Magna Cum Laude*
- Study Abroad:
 - Roatán Institute for Marine Sciences (Roatán, Honduras), 2016
 - University of Adelaide, (Adelaide, South Australia), 2014

Certifications

CITI Program Good Clinical Practice, 2020 – present

CITI Program Human Research, 2020 – present

Certified Dietitian, State of Utah Department of Commerce, 2019 – present

Registered Dietitian, Commission on Dietetics Registration, 2018 – present

Level I Anthropometrist, International Society for the Advancement of Kinanthropometry, 2018 – present

Employment

Assistant Professor (Lecturer) | University of Utah (Salt Lake City, UT), 2021 – present

- Maintain appointment in Nutrition & Integrative Physiology requiring balance of teaching (40%), scholarship (40%) and service (20%), collaborate with the Utah Center for Community Nutrition team to implement novel community nutrition programs, stay up to date on research to design curricula on healthy eating and physical activity, primary instructor for undergraduate general education course Cultural Aspects of Food NUIP 3620, serve as Director of Global Nutrition and oversee learning abroad program

Associate Instructor | University of Utah (Salt Lake City, UT), 2019 – 2021

- Managed and distributed an innovative diabetes prevention and nutrition education program for adolescents, assisted with biometric data collection and analysis, employ a variety of teaching methods as primary instructor for undergraduate general education course Cultural Aspects of Food NUIP 3620

Clinical Dietitian | Intermountain Healthcare (Salt Lake City, UT), 2019

- Facilitate the nutrition care process to provide the patient with optimal medical nutrition therapy, identify and implement appropriate nutrition interventions including quality nutrition education based on individual dietary needs

Professional Affiliations

Global Member Interest Group, Member, 2022 – present

International Society for the Advancement of Kinanthropometry, Member, 2018 – present

Academy of Nutrition and Dietetics, Member, 2016 – present

Utah Academy of Nutrition and Dietetics, Member, 2016 – present

Teaching Experience

Assistant Professor (Lecturer) | Nutrition & Integrative Physiology, University of Utah, 2021 – present

- Courses:
 - Summer 2023, NUIP 5850-084 Selected Topics in Nutrition
 - Summer 2023, NUIP 3620-084 Cultural Aspects of Food
 - Spring 2023, NUIP 3620-004 Cultural Aspects of Food
 - Spring 2023, NUIP 3620-005 Cultural Aspects of Food
 - Fall 2022, NUIP 3620-005 Cultural Aspects of Food
 - Spring 2022, NUIP 3620-001 Cultural Aspects of Food
- Graduate Student Committees:
 - Member, Thesis Committee, Sofia Whitefields (in progress)
 - Member, FAS Committee, Aaron DeGrauw, Nicole Hesinger, A Community-designed Intersectional Food Access Rights for Marginalized Communities iFarm Hub (in progress)
 - Member, Thesis Committee, Sophie Hochhauser (completed May 2023)
 - Member, FAS Committee, Madeleine Hutchinson, Nikole Pruess, Brooke Walters, Sugarhouse Health Clinic Healthy Cooking Class Series (completed May 2023)
 - Member, FAS Committee, Kerensa Hofmeyer, Maria Shanklin, Sabine Krautgasser-Tolman, Development of Wellness Curriculum for School of Dance (completed May 2022)
- Curriculum and Program Development:
 - Family Food Matters, a community nutrition program focusing on healthy home environments, physical activity, and healthy eating behaviors among families in partnership with the Driving Out Diabetes Initiative

Associate Instructor | Nutrition & Integrative Physiology, University of Utah, 2019 – 2021

- Courses:
 - Spring 2021, NUIP 3620-090 Cultural Aspects of Food
 - Spring 2020, NUIP 3620-001 Cultural Aspects of Food
 - Fall 2019, NUIP 3620-002 Cultural Aspects of Food
- Graduate Student Committees:

- Member, FAS Committee, Kerensa Hofmeyer, Maria Shanklin, Sabine Krautgasser-Tolman, Development of Wellness Curriculum for School of Dance (completed May 2022)
- Member, FAS Committee, Hannah Belcher, Jennifer Ho, Hailey Morris, Development of Nutrition and Culinary Education for US Speedskating (completed May 2021)
- Curriculum and Program Development:
 - Food, Movement, and You, an eight-lesson program providing nutrition education to individuals and families in homeless and transitional housing shelters in partnership with the Driving Out Diabetes Initiative
 - Food, Movement, and You for Recovery, an eight-lesson program providing nutrition education to individuals recovering from substance abuse in partnership with the Driving Out Diabetes Initiative and Cigna
 - Team Thrive, a six-lesson program for high school students to promote healthy eating and increased physical activity in partnership with the Driving Out Diabetes Initiative

Teaching Assistant | Nutrition & Integrative Physiology, University of Utah, 2016 – 2018

- Courses:
 - NUIP 1020 Scientific Foundations of Nutrition & Health
 - NUIP 4440 Advanced Nutrition
 - NUIP 3620 Cultural Aspects of Food
 - NUIP 5320 Nutrition for Exercise and Sport
 - NUIP 6320 Advanced Sports Nutrition
 - NUIP 3010 Nutrition Intervention in Treatment and Prevention of Chronic Disease
 - NUIP 6400 Nutrition Communications and Graduate Seminar

Research Experience

Consultant - Dietitian | Washington University in St. Louis, 2020 – present

- Project: *Combining Testosterone Therapy and Exercise to Improve Function Post Hip-Fracture (STEP-HI Trial)*

Research Assistant | University of Utah, 2017 – 2018

- Project: *Uteroplacental Insufficiency Causes Sex-Divergent Changes in the Placental PPAR γ -Setd8 Axis in the Rat*

Grant Writing

Loverin A, Woodruff K. Inclusion, Diversity, Equity, and Access Promotion Grant. Academy of Nutrition and Dietetics Foundation. 2023. (\$10,000). Not funded.

Loverin A, Woodruff K. Inclusion, Diversity, Equity, and Access Promotion Grant. Academy of Nutrition and Dietetics Foundation. 2022. (\$10,000). Not funded.

Jones S, **Loverin A.** Little Seeds Pollinator Pals Grant. KidsGardening. 2021. (\$500). Awarded. Not funded.

Jones S, **Loverin A.** Food, Movement, and You. Program Funding. Sprouts Healthy Communities Foundation. 2021. (\$10,000). Not funded.

Publications

Barrett E*, **Loverin A***, Wang H, et al. Uteroplacental Insufficiency with Hypoxia Upregulates Placental PPAR γ -KMT5A Axis in the Rat. [published online ahead of print, 2021 Jan 4]. *Reprod Sci.* 2021;10.1007/s43032-020-00434-w. doi:10.1007/s43032-020-00434-w.
*Authors contributed equally

Loverin A. *Uteroplacental Insufficiency Causes Sex-Divergent Changes in the Placental PPAR γ -Setd8 Axis in the Rat.* [master's thesis]. The University of Utah; 2018.

Abstracts/Posters

French M, Jordan K, **Loverin A**, Hernandez A, Jones S, Thorpe A, Metos J. (2022) Journey to health: an experiential nutrition pilot program for Utahans living in underserved communities. Diabetes and Metabolism Fall Retreat. Salt Lake City, UT.

Loverin A, French M, Clark N, Thorpe A, Metos J. (2022) Team Thrive improves health behaviors in students and teachers by promoting nutrition education and innovative teaching techniques. Diabetes and Metabolism Fall Retreat. Salt Lake City, UT.

Loverin A, French M, Clark N, Metos J. (2022) Team Thrive: A novel, behavior-based diabetes prevention program for high school students. Nutrition & Integrative Physiology Spring Awards Banquet. Salt Lake City, UT.

Loverin A, French M, Clark N, Metos J. (2022) Team Thrive: A novel, behavior-based diabetes prevention program for high school students. Utah Academy of Nutrition and Dietetics Annual Conference. Salt Lake City, UT.

Honors: Outstanding Abstract (Professional)

Loverin A, French M, Garza-Levitt SE, Metos J. (2021) Childhood Prevention Programs: 4 Year Update and Responses to the COVID-19 Pandemic. Diabetes and Metabolism Fall Retreat. Salt Lake City, UT.

Loverin A, Grayson P, Clark N, Ramos C, Sisco-Taylor B, Metos J. (2020) Team Thrive: Early prevention of diabetes through lifestyle education for high school students. Utah Academy of Nutrition and Dietetics Annual Conference. Salt Lake City, UT. *Accepted, cancelled due to COVID-19

Clark N, Ramos C, **Loverin A**, Grayson P, Sisco-Taylor B, Metos J. (2019) Team Thrive: Early prevention of diabetes through lifestyle education for high school students. Diabetes and Metabolism Fall Retreat. Salt Lake City, UT.

- Honors: Outstanding Poster – 2nd Place

Loverin A, Wiscombe C, Wang H, Macedo de Almeida M, Loss-Moore L. (2018) Uteroplacental Insufficiency Induces Sex-Divergent Changes in Rat Placental Setd8-PPAR γ Feedback Loop. Pediatric Academic Societies Annual Meeting. Toronto, Canada.

Loverin A, Wiscombe C, Wang H, Macedo de Almeida M, Loss-Moore L. (2018) Uteroplacental Insufficiency Causes Sex-Divergent Changes in the Placental PPAR γ -Setd8 Axis in the Rat. Nutrition & Integrative Physiology Spring Awards Banquet. Salt Lake City, UT.

Loverin A, Wiscombe C, Wang H, Macedo de Almeida M, Joss-Moore L. Uteroplacental insufficiency causes sex-divergent changes in fetal lipids and placental ppar γ in the rat. *J Investig Med*. 2018;66(1):A242–A243.

Presentations

Loverin A, Grayson P, Clark N, Ramos C, Sisco-Taylor B, Metos J. (2020) Team Thrive: Early prevention of diabetes through lifestyle education for high school students. Utah Health Services Research Conference. Salt Lake City, UT. *Accepted, cancelled due to COVID-19

Loverin A, Wiscombe C, Wang H, Macedo de Almeida M, Loss-Moore L. (2018) Uteroplacental Insufficiency Causes Sex-Divergent Changes in the Placental PPAR γ -Setd8 Axis in the Rat. Western Society for Pediatric Research Annual Conference. Carmel, CA.

- Honors: Outstanding Oral Presentation Award

Invited Lectures and Educational Seminars

Abstract and Poster Workshop for Coordinated Master's Students, University of Utah, 2021-2023.

Writing Workshop for Focused Area of Study Students, University of Utah, 2021-2023.

Youth Education Nutrition and Healthy Snacking, University of Utah, 2022

Club U Global Cuisine, University of Utah, 2022.

Nutrition for Office Jobs, Research Administration Building Lunch and Learn, University of Utah, 2021.

Virtual Health Care Career Day, University of Utah, 2020.

Team Thrive: Early prevention of diabetes through lifestyle education, Salt Lake School for the Performing Arts, 2019.

Team Thrive: Early prevention of diabetes through lifestyle education, Horizonte Instruction and Training Center, 2019.

Team Thrive Tabling, Summit Academy Wellness Fair, 2019.

Team Thrive: Early prevention of diabetes through lifestyle education, Utah State Board of Education Meeting, 2019.

Team Thrive: Early prevention of diabetes through lifestyle education, Hillside Middle School, 2019.

Diabetes Education Panel for First-Year Medical Students, University of Utah, 2019.

Team Thrive: Making the new health standards come alive, Salt Lake City School District Teacher Professional Development Day, 2019

Awards

Utah Academy of Nutrition and Dietetics Young Dietitian of the Year, 2023.

Utah Academy of Nutrition and Dietetics Annual Conference Outstanding Abstract (Professional), 2022.

Anita Owen Award of Recognition for Innovative Nutrition Education Programs for the Public, 2021

Diabetes and Metabolism Fall Retreat 2nd Place Poster, 2019

Western Society for Pediatric Research Outstanding Oral Presentation, 2018

Constance J. Geiger Scholarship, 2017

Educational Resource Development Council Scholarship, 2017

Utah Academy of Nutrition and Dietetics Scholarship, 2017

Hagen Scholarship, 2016

Service

Mentorship Program | Diversify Dietetics, 2023 – present. External. To Profession.

Equity, Diversity, and Inclusion CMP Recruitment Work Group | Nutrition & Integrative Physiology, University of Utah, 2022 – present. Internal.

Nutrition Education and Research Coordinator | Nutrition & Integrative Physiology, University of Utah, 2020 – present. Internal.

Cultural Aspects of Food Curriculum Coordinator | Nutrition & Integrative Physiology, University of Utah, 2020 – present. Internal.

Equity, Diversity, and Inclusion Work Group | Nutrition & Integrative Physiology, University of Utah, 2019 – present. Internal.

Student Preceptor | Utah Center for Community Nutrition, University of Utah, 2020 – present. Internal. To Profession.

Health Behaviors and Community Nutrition Faculty Position Search Committee | Nutrition & Integrative Physiology, University of Utah, 2022. Internal.

Global Learning Faculty Learning Community | University of Utah, 2019 – 2020. Internal.

Media Appearance for Good Things Utah | Nutrition & Integrative Physiology, University of Utah, 2022. External. To Profession.

Coordinated Master's Program Selection Committee | Nutrition & Integrative Physiology, University of Utah, 2021, 2022. Internal.

Media Appearance for Smith's Hunger for Solutions Documentary | Smith's Food & Drug, 2020. External. To Profession.

Senior Project Committee Member | Taylorsville High School, 2019 – 2020. External.

Student Preceptor | Intermountain Healthcare, 2019. External. To Profession.

Sports Nutrition Fueling Crew | University of Utah, 2016. Internal.