

# Brooke Elizabeth Wagner

University of Minnesota  
School of Kinesiology  
College of Education and Human Development  
Cooke Hall  
1900 University Ave SE, Room 210  
Minneapolis, MN 55455

## EDUCATION

- Ph.D. Kinesiology – Behavioral Aspects of Physical Activity August 2018 – Current  
University of Minnesota, Minneapolis, MN  
Advisor: Daheia J. Barr-Anderson, PhD  
Dissertation Topic: TBD
- M.A. Exercise Physiology August 2015 - May 2017  
Central Michigan University, Mount Pleasant, MI  
Plan B Advisor: Paul O'Connor, PhD
- B.S. Exercise Science – Health Fitness August 2012 - August 2015  
Central Michigan University, Mount Pleasant, MI

## RESEARCH ACTIVITIES

### **Peer-Reviewed Manuscripts:**

1. **Wagner BE**, Barr-Anderson DJ, Friend S, Vacquier M, Fulkerson JA. Association of sports participation with intake of fast food for family meals among rural children. *In progress*.

### **Peer-Reviewed Abstract Presentations:** (Underlined names denote undergraduate student mentorship)

1. **Wagner BE**, Barr-Anderson, DJ, Fulkerson, JA. Parent physical activity is more associated with child sport participation than accelerometer-assessed child physical activity. Presented as a poster during the 2020 American College of Sports Medicine Annual Meeting. Virtual. May 26-May 30, 2020.
2. **Wagner BE**, Barr-Anderson DJ, Friend S, Vacquier M, Fulkerson JA. Association of sports participation with intake of fast food for family meals among rural children. Presented as a poster during the 2019 American College of Sports Medicine Annual Meeting. Orlando, FL. May 28-June 1, 2019.
3. Urvig M, **Wagner BE**, Barr-Anderson DJ. Time and money related to hair as barriers to physical activity in African-American women. Presented as a poster during the 2019 Northland American College of Sports Medicine Spring meeting. Saint Paul, MN. April 5, 2019.

## RECENT/CURRENT RESEARCH INVOLVEMENT

- Behavioral Physical Activity Laboratory (BPAL) Member August 2018 – Current
- Attend weekly meetings and assist with current research projects
- Plan B Research Project: HIIT on endothelial function in overweight/obese males August 2015 – May 2018
- Main contact for subject recruitment and scheduling
  - Duties included subject recruitment, baseline testing, exercise intervention, and post testing
  - Baseline and post assessments included VO<sub>2</sub>max testing, flow mediated dilation, and mixed meal tolerance tests involving blood draws and blood processing
- Acute glutamine supplementation for repeated firefighting simulations January 2017 – May 2017
- Assisted with data collection; conducting exercise trials in a heat chamber, recording VO<sub>2</sub> and core body temperature throughout trials

CHIP Program: Educating elementary students on the FITT principle January 2017 - May 2017

- Assisted with data collection; administering the jigsaw system with 5<sup>th</sup> grade students, educating them on the FITT principle and allowing them to teach their classmates on the concept

**TEACHING EXPERIENCE**

**University of Minnesota**

*School of Kinesiology*

KIN 3001 Lifetime Health and Wellness	GA Instructor	August 2018 – Current
PE 1012 Beginning Running	GA Instructor	August 2019 – Dec 2019

**Saginaw Valley State University**

*Department of Kinesiology*

KINE 364 Exercise Science Practicum I	Co-Instructor	August 2017 – May 2018
KINE 466 Exercise Science Practicum IV	Instructor	August 2017 – May 2018
KINE 122 Personal Health	Instructor	August 2017 – Dec 2017

**Central Michigan University**

*School of Health Sciences*

HSC 190 Introduction to Exercise Science	Instructor	January 2018 – May 2018
HSC 425 Health Fitness Program Administration/Management	Instructor	August 2017 – May 2018
HSC 421 Training for Fitness and Performance	Instructor	March 2018 – May 2018
HSC 631T Exercise Physiology	Lab Instructor	August 2017 – Dec 2017
HSC 420 Health Fitness Assessment	Lab GA	August 2015 – May 2017
HSC 423 Practicum in Personal Training	Lab GA	August 2015 – May 2017
HSC 421 Personal Training	Lab GA	January 2016 – May 2017
HSC 220 Basics in Health Fitness	Lab GA	May 2016
HSC 219 Exercise Conditioning for the Health Fitness Professional	Lab GA	August 2015 – May 2016
HSC 214 Human Anatomy	Lab GA	August 2015 – Dec 2015

**AWARDS & HONORS**

UMN School of Kinesiology Provost Professional Development Award	August 2018 – May 2022
2020-2021 Hauge Fellowship Award	February, 2020
RFP Doctoral Student Travel Award	February 2019

**CERTIFICATIONS, TRAININGS, and PROFESSIONAL MEMBERSHIP**

ACSM Member	
Northland ACSM Chapter Member	
ACSM Certified Personal Trainer	November 2017
First Aid/CPR for Professional Rescuer	October 2017
Radiation Safety Training – Bone Densitometer (DXA)	September 2017

**SERVICE ACTIVITIES**

Interest group member – American College of Sports Medicine	May 2019 – Current
Kinesiology Student Council Member – Treasurer	July 2019 – May 2020

References (Available Upon Request)