**Curriculum Vitae**

Elizabeth A. Dennis (Parker), PhD, RD

Assistant Professor, Department of Physical Therapy and Rehabilitation Science

University of Maryland School of Medicine

# DATE

# 3/1/2024

**CONTACT INFORMATION**

# Department of Physical Therapy and Rehabilitation Science

# University of Maryland School of Medicine

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# EDUCATION

**B.S.,** May 2006, Virginia Polytechnic Institute and State University (Virginia Tech), Blacksburg, VA

Major: Human Nutrition, Foods and Exercise, Double option in Dietetics and Exercise Health Promotion

**Ph.D,**  May 2010, Virginia Polytechnic Institute and State University (Virginia Tech), Blacksburg, VA

Dissertation: The Efficacy of Increased Water Consumption as a Weight Loss Strategy

Advisor: Brenda Davy, PhD, RD

Major: Human Nutrition, Foods and Exercise

# POST GRADUATE EDUCATION AND TRAINING

Dietetic Internship - August 2010-May 2011

# Marywood University Distance Dietetic Internship, Scranton, PA

**CERTIFICATIONS/TRAINING**

American National Standards Institute (ANSI)-Conference for Food Protection (CFP) ServSafe Food Protection Manager Certification; 2022-present

University of Maryland School of Medicine Center for Integrative Medicine RYT200 Yoga Teacher Training, 2017

National Strength Professionals Association Certified Personal Trainer, 2015

SAS Certified Base Programmer for SAS 9; 2015

Effective Executive Speaking, American Management Association, 2014

Nutrition Environment Measures Survey Online Training, www.med.upenn.edu/nems/, 2013

Registered Dietitian (Academy of Nutrition and Dietetics); 2011-present

**EMPLOYMENT HISTORY**

**Academic Appointments**

Jan 2006 – May 2006 Undergraduate Research Assistant, Laboratory for Eating Behaviors and Weight Management, Department of Human Nutrition, Foods, and Exercise, Virginia Tech, Blacksburg, VA

Aug 2006 – May 2010 Graduate Research Assistant, Laboratory for Eating Behaviors and Weight Management, Department of Human Nutrition, Foods, and Exercise, Virginia Tech, Blacksburg, VA

May 2011 - Oct 2011 Faculty Extension Assistant, University Of Maryland Extension, Baltimore, MD

Nov 2011- Aug 2013 Postdoctoral Fellow/Nutritionist, Office of Minority Health and Health Disparities, Lombardi Comprehensive Cancer Center, Georgetown University Medical Center, Washington, DC

July 2014-Dec 2015 Research Associate, Food Surveys Research Group, Department of Nutrition and Food Science University of Maryland, Beltsville, MD

Jan 2016- Dec 2020 Assistant Professor, Center for Integrative Medicine, Department of Family & Community Medicine, University of Maryland School of Medicine, Baltimore, MD

Jan 2021- present Assistant Professor, Department of Physical Therapy and Rehabilitation Science, University of Maryland School of Medicine, Baltimore, MD

**Other Employment**

May 2011-October 2011 Clinical Dietitian, St. Agnes Hospital, Baltimore, MD

Sept 2013-July 2014 Biological Science Technician, Food Surveys Research Group Agricultural Research Service, USDA, Beltsville, MD

**PROFESSIONAL SOCIETY MEMBERSHIPS**

2004- present Academy of Nutrition and Dietetics Member

2004-present Sports, Cardiovascular and Wellness Nutritionists Member

2010-present Academy of Nutrition and Dietetics Research Practice Group

2013- 2016 American Society of Nutrition

2018-present American Heart Association

# HONORS AND AWARDS

2005-2006 Excellence Award for Undergraduate Health-Fitness Intern; Virginia Tech

2007 Deans’ Forum on Health, Food, and Nutrition; Graduate Student Award

2008 Academy of Nutrition and Dietetics Student Travel Award, FNCE

2008 Academy of Nutrition and Dietetics Foundation’s Frances E. Fischer Memorial Scholarship

2010 Academy of Nutrition and Dietetics Foundation’s Dr. Margaret Ross Memorial Scholarship

2010 HNFE Outstanding Graduate Award

2014 Academy of Nutrition and Dietetics, Research Dietetics Practice Group Published Paper Award for Junior Faculty

2015 American Society for Nutrition Emerging Leaders in Nutrition Science Poster Competition Award, Nutrition Translation Research Interest Section

2016 Maryland Academy of Nutrition and Dietetics Recognized Young Dietitian of the Year

2016 Research DPG Member of the Year

2017-2018 Outstanding Recent Graduate Alumni Award, Department of Human Nutrition, Foods, and Exercise, Virginia Tech

**ADMINISTRATIVE SERVICE**

**Local and National Service**

2012-2013 District of Columbia Metro Area Dietetic Association (DCMADA) Treasurer

2014-2016 Academy of Nutrition and Dietetics Research Dietetics Practice Group Website Committee Chair

2015-2016 Maryland Academy of Nutrition and Dietetics Nominating Committee Member

2016-2017 Maryland Academy of Nutrition and Dietetics Treasurer

**TEACHING SERVICE**

**Undergraduate Student Teaching**

Fall Semesters 2008 and 2009, Graduate Teaching Assistant

Food Selection and Preparation

Department of Human Nutrition, Foods, and Exercise

Virginia Tech, Blacksburg, VA

Fall Semester 2009, Course Instructor

FitFreshmen (1 credit)

Department of Human Nutrition, Foods, and Exercise

Virginia Tech, Blacksburg, VA

2012-2019, Online Instructor

Fitness and Sport Nutrition

Department of Kinesiology

University of the Sciences, Philadelphia, PA

2020, Summer Undergraduate Research Mentor

Nathan Schnaper Intern Program in Translational Cancer Research (NSIP)

University of Maryland Greenebaum Comprehensive Cancer Center

**Graduate Student Teaching**

Spring Semester 2013, Course Assistant

Minority Populations & Health Disparities Tumor Biology

Georgetown Lombardi Comprehensive Cancer Center, Washington, DC

2016- present, Guest Lecturer

Basic Sciences 2

University of Maryland School of Medicine Department of Physical Therapy & Rehabilitation Science, 1st year PT students; 2 contact hours/year

2017-2022, Guest Lecturer (6 contact hours/year)

2023- present, Course Director (1 credit course)

Nutritional Epidemiology (PREV 613)

University of Maryland School of Medicine Master of Public Health Program students,

2018, Guest lecturer

Aging Forum for the PhD in Gerontology

University of Maryland Baltimore County/University of Maryland School of Medicine

Graduate students in Gerontology- 2 contact hours/year

2019-present, Research Mentor

Research Practicum (PREV 747/748)

University of Maryland School of Medicine

2019-present, Guest lecturer

Biology of Aging (GERO 711)

University of Maryland

University of Maryland Baltimore County/University of Maryland School of Medicine

Graduate students in Gerontology- 2 contact hours/year

2021-present, Lecturer

Doctor of Physical Therapy (DPT) program

University of Maryland School of Medicine

Physical Therapy Students- 40.75 contact hours/year

2023- present, Course Director

PH 713: Topics in Global Nutritional Epidemiology (1 credit)

Master of Public Health (MPH) Program

University of Maryland School of Medicine

**Medical Student Teaching**

2017- 2020, Guest Lecturer

University of Maryland School of Medicine Cell Molecular Biology small group leader

First year medical students – 2 contact hours/year

2017- 2021, Guest lecturer

Integrative Medicine Elective

University of Maryland School of Medicine Department of Family and Community Medicine,

4th year medical students – 3 contact hours/year

2019- 2022, Research Mentor for Medical Student

Summer SPORT Program

2019- present, Research Mentor for Medical Student

Foundations of Research and Critical Thinking (FRCT) course

**Resident and Fellow Teaching**

2018-present, Director of the Integrative Medicine/Whole Health Residency Program

Family Medicine/ Baltimore Veterans Affairs Medical Center

University of Maryland School of Medicine

3rd year residents – 6 contact hours/month

2020- present, Guest Lecturer

GRECC Nurse Practitioner residency program and Geriatric fellows

Baltimore Veterans Affairs Medical Center

NP residents and geriatric medical fellows- 2 contact hours/year

2020- Guest Lecturer

Family Medicine CORE lecture

Family Medicine residents – 1 contact hour/year

**GRANT SUPPORT**

**Active Grants**

07/01/2019-06/30/2024 (Contact PI: 20%)

UMB CURE Connections: an integral link in a Baltimore minority STEM education Pipeline

**NIH NIGMS R25GM129875**

Annual Direct Costs: $250,000

**04/01/2021-03/31/2025 (Co-Inv 8%) PI: Erin Hager**

**COVID-19 Policies: Impact Over Time on Child Health, Obesity, and Disparities**

**NIH** NICHD **R01HD105356-01**

**Total Award Amount $2,609,236**

**07/01/2022-06/30/2024 (PI: 20%)**

**UMB RAMP: UMB Research and Mentoring Program to increase exposure to Academic research and promote interest in STEM among Baltimore Youth**

**NIH NIGMS SEPA R25GM129875-05S1**

**Total Award Amount (including Indirect Costs): $ 256,190**

**9/1/2022-8/31/2024 (Co-Inv 8%) PI Ann Gruber-Baldini**

**Multi-Component Behavioral Activation, Nutrition, and Activity Intervention for Persons Aging with HIV**

**NIH NIA 2P30 AG028747-16S**

**Total Award Amount $402,200**

**11/1/2022-10/31/2027 (Co-Inv 15%) MPIs: Patricia Dykes and Denise Orwig**

**Effectiveness of a multi-modal intervention for transitions of care after lower limb fracture**

**PCORI**

**Total Award Amount $13,035,048**

**7/1/2023-6/30/2023 (PI: in kind effort)**

**A feasibility study to improve dietary quality among older cancer survivors with impaired mobility**

**UMGCCC Payline Program Award**

**Total Award Amount $$49,875**

**Pending Grants**

**(PI:25%) (resubmission 21st percentile, pending council decision)**

**Developing and implementing a virtual nutrition program to improve dietary quality among older adults with dysmobility**

**NIH NIA R21**

**Total Award Amount (including Indirect Costs): $424,876**

**(PI: 20%)**

**UMB RAMP: UMB Research and Mentoring Program to increase exposure to Academic research and promote interest in STEM among West Baltimore Youth**

**NIH NIGMS SEPA**

**Total Award Amount (including Indirect Costs): $1**,335,798

**Completed Grants**

**1/2016 – 1/2017 (Co-Inv 20%) PI: Chris D’Adamo**

**Assessing the Impact of a Garden on Hospital Employee Morale**

**Prince Charitable Trusts**

Annual Direct Costs: $75,000

**1/2016 – 12/2017 (Co-Inv) PI: Chris D’Adamo**

**Using Spices and Herbs to Increase Vegetable Intake among Urban High School Students in the National School Lunch Program**

**McCormick Science Institute**

Annual Direct Costs: $261,321

**07/2016-6/2018 (Co-Inv 5%) PI Maureen Black**

**Building Blocks for Healthy Preschoolers: Childcare and Family Models**

**National Institute of Diabetes & Digestive & Kidney Diseases (R01DK107761)**

Annual Direct Costs: $658,450

**01/2017-7/2017 (Co-Inv 5%) PI Avelino Verceles**

**Rehabilitation, NMES and High Protein to Reduce Post ICU Syndrome in the Elderly**

**NIH/NIA 1 R21 AG050890**

Annual Direct Costs: $ 230,250

1/2017- 12/2017 (Co-PI, In kind)

Examining Disparities in Teacher and Student School Wellness Leadership Practices by school Level Socioeconomic Status

Program in Health Disparities and Population Health, University of Maryland School of Maryland

Annual Direct Costs: $18,000

7/1/2017-6/30/2021 (Registered Dietitian 20%) PI Les Katzel

Multimodal Exercise and Weight Loss in Older Veterans with Dysmobility

Geriatric Research, Education and Clinical Center

VA Maryland Health Care System Merit Grant

Annual Direct Costs: $274,596

**09/2017 – 08/2018 (PI: 5%)**

**A feasibility study to assess health-related behaviors in teachers**

**Mid-Atlantic Nutrition Obesity Research Center (NORC) Pilot and Feasibility Grant (NIDDK P30DK072488)**

Annual Direct Costs: $44,275

**10/1/2017-02/28/2021 (Co-Inv 5%) PI Erin Hager**

Approaches to Enhancing Wellness Policy Implementation in Schools to Promote Healthy Behaviors and Prevent Obesity

USDA AFRI Childhood Obesity Grant

Annual Direct Costs: $700,000

**07/1/2018-08/31/2020 (Dietitian 2%) PI: E Binder/J Magaziner/K Schechtman, Site PI D. Orwig**

**Starting a Testosterone and Exercise Program After Hip Injury (STEP-HI)**

**NIH/NIA R01 AG051647**

Annual Direct Costs: $474,700

**09/1/2018-08/31/2019 (PI, in kind)**

**A feasibility study to assess health-related behaviors in teachers**

**University of Maryland Baltimore Institute for Clinical and Translational Research Voucher Program**

Annual Direct Costs: $4,800

11/01/2018-08/30/2019 (Internal Evaluator 8%) PI: K Cullen

UMB CURE Scholars Program

NCI P30CA134274-11S1

Annual Direct Costs: $450,000

09/01/2019-05/31/2020         (Registered Dietitian 8%) PI: J. Magaziner

Effects of Multi-Modal Exercise Intervention Post Hip Fracture

                                                National Institute on Aging (R37 AG009901)

Current Year Direct Costs: $400,446

**07/01/2021-06/30/2022 (Contact PI: in kind)**

**Addressing vaccine hesitancy in Baltimore City through a youth engagement/health literacy STEM initiative**

**NIH NIGMS Administrative Supplement 3R25GM129875-04S1**

04/01/2019-03/31/2023 (PI: 45% Years 1-3, 25% NCE year 4)

Evaluation of teacher-level behaviors within an existing school-based childhood obesity prevention intervention

American Heart Association 2019 Career Development Award (AHA Award# 19CDA34660015)

Annual Direct Costs: $70,000

Total Direct Costs: $210,000

## PUBLICATIONS

**Peer-reviewed journal articles**

1. Davy BM, **Dennis EA,** Dengo AL, Wilson KL, Davy KP. Water consumption reduces energy intake at a breakfast meal in obese older adults. *J Am Diet Assoc* 2008;108:1236-9. PubMed PMID: 18589036;PubMed Central PMCID: PMC2743119.
2. **Dennis EA,** Flack KD, Davy BM. Beverage Consumption and Adult Weight Management: A Review. *Eating Behaviors* 2009; 10(4):237-246. PubMed PMID: 19778754; PubMed Central PMCID: PMC2864136.
3. **Dennis EA**, Dengo AL, Comber DL, Flack KD, Davy KP, Davy BM. Water Consumption Increases Weight Loss During a Hypocaloric Diet Intervention in Middle-aged and Older Adults. *Obesity* 2010 Feb;18(2):300-7. PubMed PMID: 19661958; PubMed Central PMCID: PMC2859815.
4. Dengo AL, **Dennis EA,** Orr JS, Marinik EL, Ehrlich E, Davy BM, Davy KP. Arterial Destiffening with Weight Loss in Overweight and Obese Middle-aged and Older Adults. *Hypertension* 2010; 55:855-86. PubMed PMID: 20212267; PubMed Central PMCID: PMC2859827.
5. **Dennis EA**, Potter KL, Estabrooks PA, Davy BM. Weight Gain Prevention for College Freshmen: Comparing Two Social Cognitive Theory-based Interventions with and without Explicit Self-Regulation Training. *Journal of* *Obesity*  2012; 2012: 803769. PubMed PMID: 22778919; PubMed Central PMCID: PMC3384957.
6. Clark A, **Dennis Parker EA,** Savla J, Davy KP, Davy BM. Is increased water consumption among older adults associated with improvements in glucose homeostasis? *Open Journal of Preventative Medicine* 2013; Vol.3, No.5, 363-367.
7. Davy BM, Potter KL, **Dennis Parker EA**, Harden S, Hill JL, Halliday TM, Estabrooks PA.  Feasibility, Effectiveness, and Perceptions of an Internet- and Incentive-Based Behavioral Weight Loss Intervention for Overweight and Obese College Freshmen: A Mixed Methods Approach. *Open Journal of Preventative Medicine 2013;* Vol.3, No.7, 429-440.
8. **Dennis Parker EA,** Sheppard VB, Adams-Campbell LL. Compliance with National Nutrition Recommendations among Breast Cancer Survivors in Stepping Stone. *Integrative Cancer Therapies.* 2014 Mar;13(2):114-20. doi: 10.1177/1534735413503550. Epub 2013 Oct 7. PMID: 24105362
9. Bailey RL, **Parker EA**, Rhodes DG, Goldman JD, Clemens JC, Moshfegh AJ, Thuppal SV, Weaver CM. Estimating Sodium and Potassium Intakes and Their Ratio in the American Diet: Data from the 2011-2012 NHANES *Journal of Nutrition* 2016 Mar 9. [Epub ahead of print]
10. Wappel S, **Parker EA**, Serra MC, Verceles AC. Assessing Nutrition Delivery in ICUs – A Difficult Problem to Digest. *Critical Care Medicine*, 2017 Vol 45, e985. doi: 10.1097/CCM.0000000000002499
11. **Parker EA**, Roy T, D’Adamo CR, Wieland LS. Probiotics and Gastrointestinal Conditions: An Overview of Evidence from the Cochrane Collaboration. *Nutrition,* 2017 https://doi.org/10.1016/j.nut.2017.06.024 NIHMS 890838
12. Wrobleski MM, **Parker EA**, Hurley KM, Oberlander S, Merry BC, Black MM. Comparison of the HEI and HEI-20010 diet quality measures in association with chronic disease risk among low-income, African American urban youth in Baltimore, Maryland. *J Am Coll Nutr,* 2018 Jan 9:1-8. doi: 10.1080/07315724.2017.1376297. Epub 2018 Jan 9. PMID: 29313747 PMCID: PMC6167057
13. Lane HG, Deitch R, Campbell K, **Parker EA**, Turner L, Driessen R, Hager ER. Development and validation of the PEA-PODS (Perceptions of the Environment and Patterns of Diet at School) survey for students. *Prev Chronic Dis*. 2018 Jun 28;15:E88. doi: 10.5888/pcd15.170561. PMID: 29969093 PMCID: PMC6040598
14. Wrobleski MM, **Parker EA**, Hager ER, Hurley KM, Oberlander S, Merry BC, Black MM. Friends and family: How African American adolescents' perceptions of dietary beliefs and behaviors of others relate to diet quality. *J Acad Nutr Diet.* 2018 Dec;118(12):2302-2310. doi: 10.1016/j.jand.2018.07.021. Epub 2018 Oct 15. PMID: 30337186
15. **Parker EA**, Feinberg TM, Bowden B, Bahr M, Keller KL, Berman BM, D’Adamo CR. Spices and Herbs Increased Vegetable Palatability among Underserved Urban Adolescents. *Health Behav Policy Rev*. 2018;5(6):76-89
16. Lane HG, Deitch R, Wang Y, Black MM, Dunton G, Aldoory L, **Parker EA**, Ezell P, Henley S, Saksvig B, Song H, Hager ER. “Wellness Champions for Change,” a multi-level intervention to improve school-level implementation of local wellness policies: study protocol for a cluster randomized trial. *Contemporary Clinical Trials*. 75 (2018) 29–39. PMID: 30342257 PMCID: PMC6594543
17. **Parker EA,** McArdle PF, Gioia D, Trilling A, Bahr-Robertson M, Costa N, Berman BM, D’Adamo CR. An onsite fitness facility and integrative wellness program positively impacted health-related outcomes among teachers and staff at an urban elementary/middle school. *Glob Adv Health Med.* 2019 Sep 9;8:2164956119873276. doi: 10.1177/2164956119873276. eCollection 2019. PMID: 31523490
18. **Parker EA**, Feinberg TM, Lane HG, Deitch R, Zemanick A, Saksvig BI, Turner L, Hager ER. Diet quality of elementary and middle school teachers is associated with healthier nutrition-related classroom practices. *Prev Med Rep*. 2020 Apr 2;18:101087. <https://doi.org/10.1016/j.pmedr.2020.101087> PMID: 32309116 PMCID: PMC7155219
19. D’Adamo CR, **Parker EA**, McArdle PF, Trilling A, Bowden B, Bahr-Robertson M, Keller KL, Berman BM. The addition of spices and herbs to vegetables in the National School Lunch Program increased vegetable intake at an urban and predominantly African-American high school. *Food Quality and Preference.* 2021 March; 88, 104076. doi.org/10.1016/j.foodqual.2020.104076. PMID: 32999533. PMCID: PMC7521666 (available on 2022-03-01)
20. Serra MC, Addison O, Giffuni J, Barton-Ort K, **Parker EA**, Katzel L. Changes in Self-Reported Fruit and Vegetable Intake following Nutritional Modification in High Risk Older Veterans*. J Nutr Gero Geri*. Published online: 13 Jan 2021.DOI: 10.1080/21551197.2020.1863892. PMID: 33439791
21. Pulling Kuhn A, Kim E, Lane HG, Wang Y, Deitch R, Zemanick A, Turner L, Hager ER, **Parker EA**. Associations between elementary and middle school teachers’ physical activity promoting practices and teacher- and school-level factors. *Int J Behav Nutr Phys Act*. 18, 66 (2021). <https://doi.org/10.1186/s12966-021-01129-4>. PMID: 34011376 PMCID: PMC8135930
22. Wieland LS, Cramer H, Lauche R, Verstappen A, **Parker EA**, Pilkington K. Evidence on yoga for health: a bibliometric analysis of systematic reviews. *CTIM*  Available online 4 June 2021, 102746. PMID: 34091028 PMCID: PMC8350934 (available on 2022-08-01) https://doi.org/10.1016/j.ctim.2021.102746
23. Balasubramanian S, Tran DH, Serra MC, **Parker EA**, Diaz-Abad M, Deepak J, McCurdy MT, Verceles AC. Assessing Calorie and Protein Recommendations for Survivors of Critical Illness Weaning from Prolonged Mechanical Ventilation – Can We Find A Proper Balance? *Clinical Nutr ESPEN,* 45; 2021. Available online 16 July 2021. doi.org/10.1016/j.clnesp.2021.07.001 PMID: 34620353
24. Feinberg TM**, Parker EA**, Lane HG, Rubio D, Wang Y, Hager ER. Disparities in Local Wellness Policies Implementation across Maryland Schools. *J Sch Health.* 2021 Dec;91(12):992-1001. doi: 10.1111/josh.13087. Epub 2021 Oct 20. PMID: 34671980
25. Kleckner AS, Culakova E, Kleckner IR, Belcher EK, Demark-Wahnefried W, Parker EA, Padula GDA, Ontko M, Janelsins MC, Mustian KM, Peppone LJ. Nutritional status predicts fatty acid uptake from fish and soybean oil supplements for treatment of cancer-related fatigue: results from a phase II nationwide study. *Nutrients* 2022, 14, 184. https://

doi.org/10.3390/nu14010184. PMID: 35011059 PMCID: PMC8747418

1. Carey GB, Ezelle HJ, Steinle N, Cao Q, Simington L, Matson C, Singh N, Jones LP, Mohindra P, Cullen KJ, Giglio M, **Parker EA,** Hassel BA. Robust institutional support and collaboration between summer training programs in cancer and biomedicine drive the pivot to a virtual format in response to the covid pandemic. *J Cancer Educ*. 2022 Jan 31. doi: 10.1007/s13187-021-02124-w. Online ahead of print. PMID: 35098479
2. Robbins R, Serra MC, Kilpela LS, **Parker EA,** Jiwani R, Addison O,. Intervention in Older Urban-Dwelling Veterans With Dysmobility: Protocol for a Pilot Feasibility Clinical Trial. *JMIR Res Protoc* 2022 Jul 13;11(7):e39192. doi: 10.2196/39192. PMID: 35830251
3. **Parker EA**, Perez WJ, Phipps B, Ryan AS, Prior SJ, Katzel L, Serra MC, Addison O. Dietary Quality and Perceived Barriers to Weight Loss among Older Overweight Veterans with Dysmobility *Int. J. Environ. Res. Public Health* 2022; 19(15):9153. https://doi.org/10.3390/ijerph19159153. PMID: 35954511
4. Falvey JR, Ye JZ, **Parker EA**, Beamer BA, Addison OR. Rehabilitation Outcomes Among Frail Older Adults in the United States. *Int. J. Environ. Res. Public Health* 2022,19(17), 11021; https://doi.org/10.3390/ijerph191711021*.* PMID: 36078737
5. Pulling Kuhn A, **Parker EA**, Lane H, Deitch R, Wang Y, Turner L, Hager E. Physical Activity, Confidence, and Social Norms Associated With Teachers’ Classroom Physical Activity Break Implementation. *Health Promotion Practice*. 2022;0(0). First published online November 22, 2022. doi:10.1177/15248399221136857. PMID: 36415177
6. Verceles AC, Serra M, Davis D, Alon G, Wells CL, **Parker E,** Sorkin J, Bhatti W, Terrin ML. Combining exercise, protein supplementation and electric stimulation to mitigate muscle wasting and improve outcomes for survivors of critical illness-The ExPrES study. Heart Lung. 2022 Dec 3;. doi: 10.1016/j.hrtlng.2022.11.013. [Epub ahead of print] PubMed PMID: 36473808.
7. Robbins R, Porter Starr KN, Addison O, **Parker EA,** Wherry SJ, Ikpe S, Serra MC. Prevalence and Socioeconomic Determinates of Food Insecurity in Veterans: Findings from NHANES. *Public Health Nutr.* 2023 Mar 13;1-24. doi: 10.1017/S1368980023000538. Online ahead of print. PMID: 36912105
8. Saif NT, Addison OR, Hughes Barry K, Falvey JR, **Parker EA**. Associations Between Social Isolation and Diet Quality Among US Adults with Disability Participating in the National Health and Nutrition Examination Survey, 2013-2018. *Preventive Medicine Reports.* Available online 12 September 2023. PMID: 37753381; PMC10518724; https://doi.org/10.1016/j.pmedr.2023.102413
9. Dou N, Deitch R, Kowalski AJ, Kuhn AP, Lane H, **Parker EA**, Wang Y, Zafari Z, Black MM, Hager ER. Studying the impact of COVID-19 mitigation policies on childhood obesity, health behaviors, and disparities in an observational cohort: Protocol for the COVID-19 Family Study. *Contemp Clin Trials*. 2023 Dec 8:107408. doi: 10.1016/j.cct.2023.107408. Online ahead of print. PMID: 38072192
10. Vasanth Kumar AB, Grier McGinnis G, Jones L, Hager ER, Wright SL, Felter C, Carey G, Hassel B, Livingston AW, **Parker EA**. A feasibility study describing the successes and challenges of implementing a virtual community health worker training among high school students participating in a summer STEM enrichment program. *Journal of STEM Outreach*. 7 (1): 1–11. Published online January 22, 2024
11. Warren, K.R., **Parker, E**., Ganjavi, M., Watkins-Lewis, K., Clark, S., Hancock, Y., Randolph Cunningham, S. Peer-led focus groups identify barriers to healthy lifestyle in African American adolescents from Baltimore City, *Ethnicity & Disease*, *Special Issue: Population Health Approaches to Reduce Chronic Disease Disparities*, (2023 in press).

**Submitted or In-Revision Peer-reviewed journal articles**

1. Khajavi M, Chiaramonte D, Hogans B, Blumenthal J, Katzel L, Beans J, Giffuni J, **Parker EA.** A 2-week Integrative Medicine Residency Rotation for Family Medicine and Preventive Medicine Residents. *Federal Practitioner* (2023, under review)
2. Giffuni J, Beans J, Ortmeyer H, Hall K, Addison O, **Parker EA.** Whole Health(y) Aging With Gerofit: The Development of a Pilot Wellness Program for Older Veterans. *JAGS* (2024, under review)

**Peer-reviewed Web based publications**

1. Moshfegh AJ, Garceau AO, **Parker EA**, and Clemens JC. Beverage Choices among Adults: What We Eat in America, NHANES 2015-2016. Food Surveys Research Group Data Brief No. 21. May 2019. PubMed PMID: 36800882. https://www.ars.usda.gov/ARSUserFiles/80400530/pdf/DBrief/21\_Beverage\_choices\_adults\_1516.pdf
2. Moshfegh AJ, Garceau AO, **Parker EA**, and Clemens JC. Beverage Choices among Children: What We Eat in America, NHANES 2015-2016. Food Surveys Research Group Data Brief No. 21. May 2019. PubMed PMID: 36800884. https://www.ars.usda.gov/ARSUserFiles/80400530/pdf/DBrief/22\_Beverage\_choices\_children\_1516.pdf

**Non-peer-reviewed journal articles**

1. **Parker EA**, Feinberg TM, Wappel S, Verceles AC. Considerations when using predictive equations to estimate energy needs among older, hospitalized patients – a narrative review. *Current Nutrition Reports*, 2017. doi:10.1007/s13668-017-0196-8 PMCID: PMC5575813. NIHMSID: NIHMS874210. PMID: 28868211

## Abstracts and/or Proceedings

1. **Dennis EA**, Van Walleghen E, Orr J, Gentile C, Davy KP, Davy BM. Aging, Physical Activity and Resting Metabolic Rate. Graduate Research Symposium, Spring 2006. Blacksburg, VA.
2. **Dennis EA,** Dengo AL, Wilson K, Davy KP, Davy BM. Water consumption reduces energy intake at breakfast in obese older adults. Deans' Forum, November 2007. Blacksburg, VA.
3. Dengo AL, Orr J, **Dennis EA**; Davy BM, Davy KP. Arterial Destiffening with Weight Loss in Obese Older Adults. Deans’ Forum, November 2007. Blacksburg, VA.
4. Davy BM, **Dennis EA**, Dengo AL, Wilson K, Davy KP. Water consumption reduces energy intake at breakfast in obese older adults. Annual Meeting of the Society of Behavioral Medicine, March 2008. San Diego, CA.
5. **Dennis EA,** Dengo AL, Davy BM. Increasing Water Consumption and Lowering Energy Density: Dietary Weight Management Strategies. American Dietetic Association Food and Nutrition Conference Expo, October 2008. Chicago, IL.
6. Potter KL, **Dennis EA**, Downey S, Davy BM, Estabrooks PE. Fit Freshmen: A mixed methods approach to developing weight control strategies for 1st year college students. Annual Meeting of the Society of Behavioral Medicine, April 2010. Seattle, WA.
7. Clark A, **Dennis EA**, Savla T, Davy KP, Davy BM. Is increased water consumption among older adults associated with improvements in glycemia? Virginia Tech Obesity Conference, June 2013. Blacksburg, VA.
8. Sheppard VB, Hicks J**, Parker EA**, Makambi K, De Mendoza AH, Lucus W, Denmark-Wahnfried W, Adams-Campbell LL. Lessons Learned from The Stepping STONE Feasibility Trial Improving Exercise and Diet Behaviors in Overweight and Obese Black Breast Cancer Survivors. International Cancer Education Conference, AACE, Seattle, WA, September 18-21, 2013
9. **Parker EA**, Martin C, Adler M, Hoy MK, Rhodes D, Anand J, Montville J, Sebastian R, Moshfegh A. Capturing sodium reduction efforts in What We Eat in America, NHANES. Experimental Biology, April 2014. San Diego, California.
10. **Parker EA,** Goldman J, Moshfegh A. America’s Nutrition Report Card: Comparing WWEIA, NHANES 2007-2010 Usual Nutrient Intakes to Dietary Reference Intakes. Experimental Biology, April 2014. San Diego, California.
11. **Parker EA,** Carlson J, Clemens J, Moshfegh A. Beverage Intakes of US Adults and Their Influence on Diet Quality. National Nutrient Databank Conference, May 2014. Portland, Oregon.
12. **Parker EA**, Clemens J, Moshfegh A. Beverage Choices by Adults and Their Contribution to Energy Intake. Advances and Controversies in Clinical Nutrition, December 2014. National Harbor, MD.
13. **Parker EA**, Clemens J, Moshfegh A. Beverage groups consumed by US children and their impact on nutrient intake. Experimental Biology, April 2015. Boston, MA.
14. **Parker EA**, Clemens J, Moshfegh A. Beverages: Contributions to Energy and Preferences among U.S. Children. National Conference on Health Statistics, August 2015. Bethesda, MD.
15. Bailey R, **Parker EA**, Rhodes D, Goldman J, Clemens J, Moshfegh A, Thuppal S, Weaver C. Characterizing Sodium and Potassium Intakes and Their Ratio in the American Diet. Academy of Nutrition and Dietetics FNCE, October 2015. Nashville, TN.
16. Wappel S, Ali O, **Parker EA**, Verceles AC. The Effects of High Protein Intake and Mobility-Based Rehabilitation on Ventilator Weaning and Discharge Status in Survivors of Critical Illness. American Thoracic Society 2017 International Conference May 21, 2017, Washington, DC.
17. Wappel S, Ali O, Serra MC, Wells C, Davis D, Alon G, Goldberg AP, **Parker EA,** Sorkin J, Terrin M, Verceles AC. The Effect of an Exercise, Nutrition and Neuromuscular Electrical Stimulation Intervention on Acute Muscle Wasting in Critically Ill Patients Receiving Mechanical Ventilation. American Thoracic Society 2017 International Conference May 21, 2017, Washington, DC.
18. Verceles AC, Serra MC, Wells C, Davis D, **Parker EA**, Alon G, Sorkin J, Wappel S, Ali O, Bhatti W, Okereke J, Aravagiri A, Terrin M, Goldberg AP. Exercise, Protein and Neuromuscular Electric Stimulation Reduces ICU Associated Sarcopenia in Older Patients. IAGG World Congress of Gerontology and Geriatrics. San Francisco, CA, July 23-27, 2017.
19. Hager ER, Lane HG, Deitch R, Campbell K, **Parker EA**, Ordonio K, Sharaf S, Dunton G, Jaspers L, Aldoory L. Approaches to Enhancing Wellness Policy Implementation in Schools to Prevent Obesity: Protocol and Measures Development. Society for Nutrition Education and Behavior Annual Conference, Washington, DC, July 20-24, 2017.
20. Feinberg TM, **Parker EA**, Lane HG, Rubio D, Wang Y, Hager ER. Disparities in Local Wellness Policy Implementation across Maryland Schools. 145th American Public Health Association Annual Meeting and Exposition, November 2017, Atlanta, GA.
21. Lane HG, Deitch R, Campbell K, **Parker EA**, Turner L, Driessen R, Hager ER. Development of the PEA-PODS (Perceptions of the Environment and Patterns of Diet at School) survey for students. Society for Behavioral Medicine, New Orleans, LA, April 11-14, 2018.
22. **Parker EA**, Serra MC, Feinberg TM, Verceles A. Effects of Protein Supplement on Energy and Protein Intake: Preliminary Findings from a Randomized Controlled Trial in the ICU. International Congress on Integrative Medicine and Health. Baltimore, MD May 8-11.
23. **Parker EA**, Roy T, D’Adamo CR, Wieland LS. Probiotics and Gastrointestinal Conditions: An Overview of Evidence from the Cochrane Collaboration (oral presentation). International Congress on Integrative Medicine and Health. Baltimore, MD May 8-11.
24. Feinberg TM, D’Adamo CR, **Parker EA**, Innes K. Prevalence and Correlates of Black Cohosh Consumption in the United States. International Congress on Integrative Medicine and Health, May 2018. Baltimore, MD. May 8-11.
25. Wieland LS, Cramer H, Romy L, Verstappen A, **Parker EA**, Pilkington K. Mapping systematic review evidence on yoga interventions: what has been done and are there gaps? Accepted for oral presentation at Cochrane Colloquium, September 2018, Edinburgh, Scotland.
26. **Parker EA**, Feinberg TM, Lane HG, Deitch R, Zemanick A, Saksvig BI, Turner L, Hager ER. Diet quality of urban elementary and middle school teachers is associated with healthier classroom practices and self-efficacy regarding nutrition and physical activity instruction. Academy of Nutrition and Dietetics FNCE, October 2018, Washington DC.
27. Feinberg TM, **Parker EA,** Dorsey S, Innes K. Association of dietary supplement use to comorbidity in patients with chronic pain. Academy of Nutrition and Dietetics FNCE, October 2018, Washington DC. https://doi.org/10.1016/j.jand.2018.06.117
28. Barton-Ort K, Giffuni J, Sorkin J, Katzel L, **Parker EA**. Impact of a pilot Nutrition education intervention on diet quality and fruit and vegetable intake of older Veterans with multiple medical comorbidities. Academy of Nutrition and Dietetics FNCE, October 2018, Washington DC.
29. Hassel BA, Alphee S, Wright S, Twomey M, Hetrick M, Bahr-Robertson M, Gioia-Hasick D, Sturdivant B, Bailey T, Stines E, Blatter E, Harrison S, Essien A, Palinski J, McKenna T, Carey GB, Saunders R, Cullen KJ, Perman J, D’Adamo CR, **Parker EA.** UMB CURE Connections: An Integral Link in a Baltimore Minority STEM Education Pipeline. SciEd Conference, April 2019, Washington DC.
30. **Parker EA**, Kuhn AP, Lane HG, Deitch R, Zemanick A, Wang Y, Turner L, Hager ER. Excessive work-related overcommitment is associated with reduced time spent in weekday moderate-vigorous intensity physical activity among elementary and middle school teachers. Poster Presentation for American Public Health Association (APHA) 2020 Annual Meeting & Expo.
31. **Parker EA**, Kuhn AP, Kim E, Lane HG, Deitch R, Zemanick A, Turner L, Hager ER. Time spent in daily moderate-vigorous intensity physical activity among elementary and middle school teachers is associated with healthier physical activity-related classroom practices. Accepted as a Lightning Talk Presentation for the International Society of Behavioral Nutrition and Physical Activity (ISBNPA) 2020 Annual Meeting. Auckland, New Zealand June 17-20, 2020.
32. **Parker EA**, Bergamo L, Perez W, Katzel L, Ryan AS, Prior SJ, Serra MC, Addison O. Dietary quality among older overweight/obese Veterans with dysmobility. Poster Presentation GSA 2020 Annual Scientific Meeting.
33. **Parker EA,** Cassatt S, Giffuni J, Ortmeyer H, Katzel L, Addison O. A Pilot Study To Evaluate The Development And Implementation Of A Virtual Nutrition Education Program In Older Veterans. Poster Presentation for AHA Epidemiology, Prevention, Lifestyle and Cardiometabolic Health. Chicago, IL. March 1-3, 2022.
34. Okutoyi, T., Pulling Kuhn, A., Black, M., Wang, Y., **Parker, EA.,** Lane, H.G., & Hager, E.R. (2022, May). *Dietary changes during the school day among children ages 9-15 from before to early pandemic.*Research abstract submitted to the Society for Prevention Research Conference, Seattle, Washington.

**Major Invited Speeches**

Local

1. Parker, EA. Weight Management and Dietary Quality Among Older Adults. Rehabilitation Science Research Seminar Series, 9/11/2021.
2. Parker, EA. Weight Management and Dietary Quality Among Older Adults. Virtual Seminar, Population Sciences Working Group, UMGCCC. December 8, 2021

Regional

1. Parker EA. Nutritional Approaches to Promote Optimal Aging. Part of Invited talk with Odessa Addison, and Katie Dondero titled, Promoting Optimal Aging: Identifying and Addressing Vulnerabilities in the Aging Adult. MARC ACSM. Harrisburg PA. 11/6/2021

National

1. Parker EA. Strategies for Optimal Aging and Guidelines for Clinical Practice. Nutraceuticals and Medicine Conference, oral presentation, 2017.
2. Hogans BB, Griffith KA, EA Parker. Incorporating Non-Pharmacological Therapies into Pain Care for Older Veterans. US Department of Veterans Affairs Geriatric Research, Education and Clinical Centers, Webinar, 2019.
3. Parker, EA. CURE Connections links UMB CURE to college and beyond. CABTRAC Diversity Pipeline Programs Meeting, 2019.
4. Parker, EA. Wellness and Self Care for School Staff. School Health Interdisciplinary Program (SHIP) virtual conference, 2020
5. Hager ER, Parker EA, Kuhn AP. Evaluation of Teacher-level Health Behaviors within an existing School- based Childhood Obesity Prevention Intervention. NOPREN/PAPREN Working Group meeting, 11/10/2020.
6. Katzel L, Hogans B, Giffuni J, Parker EA. Exercising for successful aging: nutrition, pain self-management, and exercise techniques. Virtual GRECC webinar series 10/28/2021 and 10/29/2021

**Continuing Education**

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| 2017 | UMSOM | An introduction to conducting systematic reviews | Baltimore, MD |
| 2017 | Mid-Atlantic Nutrition Obesity Research Center | Annual Symposium | Baltimore, MD |
| 2017 | NIH | Pathways to Prevention Workshop: Methods for Evaluating Natural Experiments in Obesity | Bethesda, MD |
| 2017 | UMSOM | 2017 Festival of Science focused on Mobility Disability in Aging | Baltimore, MD |
| 2018 | UMSOM | Removing Obstacles to Eliminating Racial/Ethnic Disparities in Behavioral Health Care | Baltimore, MD |
| 2018 | International Congress on Integrative Medicine and Health | Annual Meeting: Collaboration in Action: Advancing Integrative Health through Research, Education, Clinical Practice and Policy | Baltimore, MD |
| 2018 | Academy of Nutrition and Dietetics | Annual Meeting | Washington, DC |
| 2019 | UMSOM | Everyday Bias for Healthcare Professionals | Baltimore, MD |
| 2020 | Academy of Nutrition and Dietetics | Annual Meeting | Online |
| 2021 | Commission on Dietetic Registration, Academy of Nutrition and Dietetics | Virtual Certificate of Training in Obesity in Adults | Online |

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| **Past/Current Trainee** | | **Trainee Name/Prior Academic Degree(s)** | **Training Period (Degree)** | **Title of Research Project** | **Research Product (citation)** | **Current Position of Past Trainees / Source of Support of Current Trainees** |
| Current | | **Alankrita Olson**, MD | Jan-July 2024  (Univ. of MD School of Medicine; Dept. of Epi and Public Health Preventive Medicine Residency Program) | Association between dehydration and hip fracture outcomes: background and implications |  | PGY-3 Preventive Medicine Resident |
| Current | | **Katie Dondero,** MS, RCEP, CSCS | Dissertation Committee member  2021-present (PhD, UMSOM PRS) |  |  | Doctoral Student |
| Current | | **Sanam Patel** | 2024-  (FRCT course, MD, UMSOM) |  |  | MD Candidate, Class of 2027 |
| Current | | **Nicole Viviano,** MA | Dissertation Committee member 2021-present  (PhD, UMB & UMBC Doctoral Program in Gerontology) | People Aging with HIV and Nutritional Risk:  A Mixed-Methods Study of Health-Related  Quality of Life, COVID-19, and other Risk  Factors | Viviano N, Gruber-Baldini A, Schmalzle S, Stafford K, Chard S, Mohanty K, Parker EA, Eke U. Nutritional Risk and Health-Related Quality of Life in Older Adults Aging With HIV. Innovation in Aging, Volume 5, Issue Supplement\_1, 2021, Page 954, <https://doi.org/10.1093/geroni/igab046.3413> | Doctoral student |
| Current | | **Sarah Cassatt**, MS, RD | Academic Advisor 2020-present  (PhD, UMB & UMBC Doctoral Program in Gerontology) | A pilot study to evaluate the development and implementation of a virtual nutrition education program in older Veterans | 1. Parker EA, Cassatt S, Giffuni J, Katzel L, Ortmeyer H, Addison O. A Pilot Study To Evaluate The Development And Implementation Of A Virtual Nutrition Education Program In Older Veterans. AHA Epi/Lifestyle 2022 Scientific Sessions poster presentation    2. Parker EA, Cassatt S, Giffuni J, Katzel L, Ortmeyer H, Addison O. Virtual Nutrition Education and Produce Delivery Increases Dietary Quality Among Older Veterans. GSA 2022 Symposium  3. Cassatt S. Parker EA. Efficacy of Malnutrition Screening Among Older Veterans at an Urban VA Hospital. GSA 2023 poster presentation | Doctoral student |
| Residents and Fellows | | | | | | |
| Past | | **Nadia Saif,** MD | Jan-July 2022  (Univ. of MD School of Medicine; Dept. of Epi and Public Health Preventive Medicine Residency Program) | Social Isolation and Nutrition Status Among U.S. Adults with Disability | Saif, first author  Parker, last author  “Social Isolation and Nutrition Status Among Adults with Disability in the United States.”  *2023 Preventive Medicine Reports* PMID: 37753381; PMC10518724; https://doi.org/10.1016/j.pmedr.2023.102413 | CDC fellow: National Institute for Occupational Safety and Health, Division of Safety Research |
| Past | | **Anthony Chin Loy,** MD | Jan-July 2023  (Univ. of MD School of Medicine; Dept. of Epi and Public Health Preventive Medicine Residency Program) | Association between Disability and use of Dietary Supplements | Association between Disability and use of Dietary Supplements, EPH Grand Rounds |  |
| Graduate students | | | | | | |
| Past | | **Edward Kim,** MPA, MPH | Jan-July 2019  (PhD, UMSOM Graduate Program in Life Sciences, Epidemiology) | Teacher School Day Physical Activity and Physical Activity Related Classroom Practices | Pulling Kuhn A, Kim E, Lane HG, Wang Y, Deitch R, Zemanick A, Turner L, Hager ER, Parker EA. Associations between elementary and middle school teachers’ physical activity promoting practices and teacher- and school-level factors. *Int J Behav Nutr Phys Act*. 18, 66 (2021). <https://doi.org/10.1186/s12966-021-01129-4>. PMID: 34011376 PMCID: PMC8135930 | PhD candidate |
| Past | | **Sunday Ikpe,** MBBCh | Jan-July 2020  (PhD, UMSOM Graduate Program in Life Sciences, Epidemiology and Human Genetics) | Examination of the Association between Dietary Quality and Ankle Brachial Pressure Index in a Nationally Representative Survey | Robbins R, Porter Starr KN, Addison O, Parker EA, Wherry SJ, Ikpe S, Serra MC. Prevalence and Socioeconomic Determinates of Food Insecurity in Veterans: Findings from NHANES. *Public Health Nutr.* 2023 Mar 13;1-24. doi: 10.1017/S1368980023000538. Online ahead of print. PMID: 36912105 | PhD candidate, Fogarty Fellow and a Graduate Research Assistant |
| Past | | **Archana Bhavani Vasanth Kumar,** B.D.S | 2021  (MPH, Univ of MD School of Medicine) | MPH Capstone: A feasibility study to evaluate the implementation of a virtual community health worker training among high school students participating in a summer STEM enrichment program | 35. Vasanth Kumar AB, Grier McGinnis G, Jones L, Hager ER, Wright SL, Felter C, Carey G, Hassel B, Livingston AW, Parker EA. A feasibility study describing the successes and challenges of implementing a virtual community health worker training among high school students participating in a summer STEM enrichment program. Journal of STEM Outreach. 7 (1): 1–11. Published online January 22, 2024 | First year Student, Howard University College of Dentistry |
| Medical Students | | | | | | |
| Past | | **Yixuan (Jane) Wang,** MD | Summer 2019 SPORT and FRCT  (MD, UMSOM) | Association of Perceived Barriers and Dietary Quality among Maryland Teachers | Parker, first author  Wang, coauthor  “A mixed methods study to assess perceived barriers and facilitators to being healthy among elementary and middle school teachers”  *in preparation for submission* | Family Medicine Resident, Crozer-Chester Medical Center |
| Past | | **Erica Riddick,** BS | Summer 2021 SPORT  (MD, Drexel University College of Medicine) | The Impact of Food Insecurity and Health Literacy on Dietary Quality of Veterans |  | Second year Drexel Medical Student |
| Past | | **Linda Krasniewski,** BS | 2021-2022  (MD, UMSOM) | Implementing a Virtual Nutritional Education Program Tailored for Older Veterans with Mobility Challenges in Baltimore |  | Second year medical student |
| Undergraduate students | | | | | | |
| Past | | **Max Bethel, MS** | Summer 2018 and 2019 (BS, Pomona College Internship Program Summer Undergrad Research Experience) | Dietary Quality and Weight Loss Barriers Among Older Overweight/Obese Veterans |  | Completed Masters Student in Cognitive Neuroscience at Durham University, current Research Assistant at Geisinger Health Systems |
| Past | | **Maanasa Gurram** | Summer 2020  (BS, UMGCCC NSIP intern) | Discovery Orientation and Science Attitudes Among Middle School UMB CURE Scholars | 1. Maanasa Gurram, Bret Hassel, Greg Carey, Laundette Jones, Gia Grier McGinnis, Erin Hager, Elizabeth Parker. Discovery Orientation and Science Attitudes Among Middle School UMB CURE Scholars. International Cancer Education Conference, College Park MD. October 12-14 2022. 2. Co authors: Gurram and Parker “The University of Maryland Baltimore Continuing Umbrella of Research Experiences (UMB CURE) Scholars program: the first middle school-focused NCI CURE minority research and education program” *in preparation for submission* | Undergraduate UMCP, target graduation Dec 2022; applying to MD/MPH programs |
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