

CURRICULUM VITAE**Date last updated:** February 9, 2024**NAME:** Jennifer A. Emond, Ph.D., M.S.OFFICE

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Lab: The Media and Health Behaviors Research Laboratory at the Geisel School of Medicine at Dartmouth

The overarching theme of my research program is to understand how persuasive aspects of marketing and digital media impact child health and well-being. I have extensively examined how food marketing impacts child food preferences and overeating behaviors. More recently I am leveraging my expertise in food cue reactivity to examine cued reactivity to digital media and the development of problematic media use among children and pre-adolescents. The goal of my research is to raise awareness of industry practices that harm child health and to inform policies to mitigate those harms. My work includes collaborations with policy experts (e.g., The UCONN Rudd Center for Food Policy and Health, the Center for Digital Democracy, Children and Screens: Institute of Digital Media and Child Development). I have 93 peer-reviewed publications (Google h-index=33), 14 international or national oral presentations, and am PI of a K01 and R03, and multi-PI (MPI) of a pending R01 (ranked at 2nd percentile) that we expect to be funded in April 2024. I also contribute as an applied biostatistician to several research teams with the Dartmouth Community. Additionally, I am passionate about teaching and mentoring within biomedical and quantitative research and value contributing to the academic mission of Geisel through my extensive involvement with the Quantitative Biomedical Sciences (QBS) graduate program.

ACADEMIC APPOINTMENTS & EMPLOYMENT

DATES	<u>INSTITUTION</u>	<u>TITLE</u>
2021 -	Geisel School of Medicine at Dartmouth College Hanover, NH	Associate Professor Biomedical Data Science (Primary) & Pediatrics (Secondary)
2015 - 2021	Geisel School of Medicine at Dartmouth College Hanover, NH	Assistant Professor Biomedical Data Science (Primary) & Pediatrics (Secondary)
2014 - 2015	Geisel School of Medicine at Dartmouth College Hanover, NH	Instructor, Epidemiology
2007 - 2009	Division of Biostatistics and Bioinformatics Department of Family and Preventive Medicine and the Moores Cancer Center, University of California, San Diego, CA	Senior Biostatistician

2004 - 2007	Division of Biostatistics and Bioinformatics Department of Family and Preventive Medicine and the Moores Cancer Center, University of California, San Diego, CA	Biostatistician
2002 - 2004	Emergency Medicine Network (EMNet) Massachusetts General Hospital Boston, MA	Epidemiologist/ Biostatistician
1999-2001	Transkaryotic Therapies Cambridge, MA	Technical writer
1997-1999	Massachusetts General Hospital Boston, MA	Laboratory technician

EDUCATION & TRAINING

<u>DATES</u>	<u>INSTITUTION</u>	<u>DEGREE</u>
2013 - 2014	Post-doctoral training: Geisel School of Medicine at Dartmouth and the Norris Cotton Cancer Center at Dartmouth, Hanover, NH Mentors: James D. Sargent, M.D. (Biomedical Data Science / Pediatrics) and Diane Gilbert-Diamond, Sc.D. (Epidemiology)	Child-directed food marketing and childhood obesity prevention
2009 - 2013	University of California San Diego & San Diego State University (Joint Doctoral Program) San Diego, CA Dissertation: "Carbohydrate intake and breast cancer prognosis" Mentors: Ruth E. Patterson, Ph.D. and John P. Pierce, Ph.D.	Ph.D., Public Health (Health Behavior)
1999 - 2002	University of Massachusetts Lowell, MA	M.S., Mathematics (Statistics)
1992 - 1997	University of Massachusetts Commonwealth Honors College Amherst, MA	B.A., Epidemiology major with a minor in biology

UNDERGRADUATE TEACHING

<u>DATES</u>	<u>INSTITUTION</u>	<u>COURSE</u>	<u>ROLE</u>	<u>HOURS/ YEAR</u>	<u>STUDENTS/ YEAR</u>
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2016-2018	Geisel School of Medicine at Dartmouth Hanover, NH	Biostatistics (BIOL 29)	Course Director and Lecturer	350	25
2012	San Diego State University San Diego, CA	Public Health Research (PH 296)	Teaching Assistant and Lecturer	42	150
2001	University of Massachusetts Lowell, MA	Introduction to Statistics (MATH 92.283)	Lecturer	42	25
2000	University of Massachusetts Lowell, MA	Quantitative Reasoning (MATH 92.111)	Lecturer	42	25

MEDICAL SCHOOL CLASSROOM TEACHING

<u>DATES</u>	<u>INSTITUTION</u>	<u>COURSE</u>	<u>ROLE</u>	<u>HOURS/YEAR</u>	<u>STUDENTS/YEAR</u>
2014, 2018-2019	Geisel School of Medicine at Dartmouth Hanover, NH	Biostatistics and Epidemiology (MDED-118/CFM 104)	Small group leader for weekly homework sessions	14	10

GRADUATE TEACHING

<u>DATES</u>	<u>INSTITUTION</u>	<u>COURSE</u>	<u>ROLE</u>	<u>HOURS/YEAR</u>	<u>STUDENTS/YEAR</u>
Fall 2021-Present	QBS ¹ , Geisel School of Medicine at Dartmouth Hanover, NH	Foundations of Applied Biostatistics (QBS 119)	Course Developer, Director and Lecturer	500 (2021) 350 (2022-present)	25
Spring 2020, Spring 2022	QBS ² , Geisel School of Medicine at Dartmouth Hanover, NH	Independent Study (QBS 195)	Course Director and Mentor	22	3 (1 to 2 students per class)
2019	QBS, Geisel School of Medicine at Dartmouth Hanover, NH	Responsible and Ethical Conduct of Research (QBS 700)	Guest Lecturer	8	30

¹ QBS: Quantitative Biomedical Sciences

² QBS: Quantitative Biomedical Sciences

2019	TDI ³ , residential program at the Geisel School of Medicine at Dartmouth Hanover, NH	MPH/MS Capstone (PH 177)	Guest Lecturer	1	55
2018 - Present	QBS, Geisel School of Medicine at Dartmouth Hanover, NH	Master of Science Health Data Science Capstone Project (QBS 185) and pre-capstone work (QBS 185.5)	Course Co-Developer, Co-Director and Co-Lecturer	40	13 (2018-2020) 38 (2021-present)
2016 – 2020	QBS, Geisel School of Medicine at Dartmouth Hanover, NH	Epidemiology Seminar I (QBS 270)	Course Co-Developer, Co-Director and Co-Lecturer	40	10
2016 - 2018	QBS, Geisel School of Medicine at Dartmouth Hanover, NH	Epidemiology Seminar II (QBS 271)	Course Co-Developer, Co-Director and Co-Lecturer	40	10
2017-2018	TDI, online MPH program, Geisel School of Medicine at Dartmouth Hanover, NH	Applied Epidemiology (PH216)	Course Co-Developer, Co-Director and Co-Lecturer	40	30
2016	Interdisciplinary Health Studies Department, Dalhousie University Halifax, Nova Scotia, Canada	Contemporary Issues in Food Studies (IDHA 3000)	Guest Lecturer	1	15
2011	University of California San Diego, CA	Health Behavior Practicum: Secondary Data Analysis and Reporting, 4 units (FPM 280B)	Teaching Assistant and Lecturer	20	6

³ TDI: The Dartmouth Institute for Health Policy & Clinical Practice at the Geisel School of Medicine

2010	San Diego State University School of Public Health San Diego, CA	Health Promotion Program Planning and Assessment (PH 666)	Guest Lecturer	8	25
2010	San Diego State University School of Public Health San Diego, CA	Health Promotion Program Planning and Assessment (PH 666)	Guest Lecturer	8	25
2010	San Diego State University School of Public Health San Diego, CA	Public Health Doctoral Seminar (PH 800)	Guest Lecturer	8	10

ADVISING/MENTORING: UNDERGRADUATE STUDENTS

<u>DATES</u>	<u>STUDENT NAME</u>	<u>PROGRAM</u>
2023	Samantha Blais	Undergraduate, Dartmouth College
2020-2021	Hannah Utter	Undergraduate, Dartmouth College
2019-2020	Jessica E. Kobsa	Undergraduate, Dartmouth College
2018-2019	Odalis Hernandez Medrano	Women in Science Program (WISP): Freshman and Sophomore Scholar
2018	Emily Chen	Women in Science Program (WISP)
2017-2018	Lucy K. Tantum	Undergraduate, Dartmouth College
2017	Elizabeth M. Khusid	Women in Science Program (WISP)
2017	Namrata Ramakrishna	Women in Science Program (WISP)
2015	Suman J. Mathur	Women in Science Program (WISP)

ADVISING/MENTORING: GRADUATE STUDENTS

<u>DATES</u>	<u>STUDENT NAME</u>	<u>PROGRAM</u>	<u>DEGREE</u>
Spring 2024	Yakout Mezgueldi	The Dartmouth Institute for Health Policy and Clinical Practice (TDI), residential MPH program <i>Project mentor</i>	M.P.H.
Fall 2023-Present	Zhuoya Zhang	Graduate Program in Quantitative Biomedical Sciences (QBS) <i>Co-mentor for doctoral research</i>	Ph.D.
2022-Present	Timothy Reiner	Graduate Program in Quantitative Biomedical Sciences (QBS)	Ph.D.

Thesis committee member

2021-2023	Jennifer E. Carroll	Graduate Program in Epidemiology University of Massachusetts, Amherst <i>Thesis committee member</i>	Ph.D.
Winter 2023	Hannah Dorris	Graduate Program in Quantitative Biomedical Sciences (QBS) <i>Lab rotation</i>	Ph.D.
Fall 2022	Zhuoya Zhang	Graduate Program in Quantitative Biomedical Sciences (QBS) <i>Lab rotation</i>	Ph.D.
Summer 2022	Xinyu Wang Jiahui Li Yuxi Liang	Graduate Program in Quantitative Biomedical Sciences (QBS) <i>Lab rotation</i>	M.S.
Fall 2021	Liyang Pang	Graduate Program in Quantitative Biomedical Sciences (QBS) <i>Lab rotation</i>	Ph.D.
Fall 2021	Mary Akerman	The Dartmouth Institute for Health Policy and Clinical Practice (TDI), online MPH program <i>Project mentor</i>	M.P.H.
Fall 2021	Linda Deeds	The Dartmouth Institute for Health Policy and Clinical Practice (TDI), online MPH program <i>Project mentor</i>	M.P.H.
2020 - 2023	Dabin Yeum	Graduate Program in Quantitative Biomedical Sciences (QBS) <i>Chair of qualifying exam committee</i> <i>Thesis committee member</i>	Ph.D.
2019 - 2023	Catherine Pollack	Graduate Program in Quantitative Biomedical Sciences (QBS) <i>Chair of qualifying exam committee</i> <i>Thesis committee member</i>	Ph.D.
2019 – 2022	Iben Ricket	Graduate Program in Quantitative Biomedical Sciences (QBS) <i>Chair of qualifying exam committee</i> <i>Thesis committee member</i>	Ph.D.

2021 - Present	George Price	Graduate Program in Quantitative Biomedical Sciences (QBS) <i>Chair of qualifying exam committee</i> <i>Thesis committee member</i>	Ph.D.
2020 - 2021	Heejoon Ahn	Graduate Program in Quantitative Biomedical Sciences (QBS) <i>Lab rotation</i>	M.S.
2020 - 2021	Boran Lu	Graduate Program in Quantitative Biomedical Sciences (QBS) <i>Lab rotation</i>	M.S.
2019	Jason Kim	Graduate Program in Quantitative Biomedical Sciences (QBS) <i>Lab rotation</i>	M.S.
2018	Nicole Lorenzo	The Dartmouth Institute for Health Policy and Clinical Practice (TDI), online MPH program <i>Project mentor</i>	M.P.H.
2016	Nicholas G. Rutter	The Tuck School of Business at Dartmouth <i>Project mentor</i>	M.B.A.

ADVISING/MENTORING: MEDICAL STUDENTS

<u>DATES</u>	<u>STUDENT NAME</u>	<u>PROGRAM</u>	<u>DEGREE</u>
Summer 2020	Kristina M. Ali*	Geisel School of Medicine at Dartmouth <i>Lab rotation</i>	M.D.
2015	Marietta Smith	Geisel School of Medicine at Dartmouth <i>Lab rotation</i>	M.D.

ADVISING/MENTORING: RESIDENTS/FELLOWS

<u>DATES</u>	<u>MENTEE'S NAME</u>	<u>SPECIALTY</u>
2021-2023	Cassandra M. Godzik, PhD, NP-BC Post-doctoral fellow	Sleep disorders
2019-2021	Courtney Stevens, PhD Post-doctoral fellow	Health behavior interventions with breast cancer survivors (K08 mentor)
2018-2019	Travis Masterson, PhD Post-doctoral fellow	Food marketing and eating behaviors

ADVISING/MENTORING: FACULTY

<u>DATES</u>	<u>MENTEE'S NAME</u>	<u>SPECIALTY</u>
2021-Present	Courtney Stevens Assistant Professor, Department of Psychiatry, Dartmouth- Hitchcock Medical Center/Geisel School of Medicine, Dartmouth	Health behavior interventions with breast cancer survivors (K08 mentor) <i>I am a mentor on Dr. Steven's K08 award.</i>

ENGAGEMENT, ADVOCACY, COMMUNITY SERVICE, COMMUNITY EDUCATION

<u>DATES</u>	<u>INSTITUTION</u>	<u>COURSE TITLE/ACTION</u>	<u>ROLE</u>	<u>HOURS/ YEAR</u>
March 1, 2022	Lebanon High School Parent Teacher Organization	Children's media use during COVID-19	Invited speaker	2
September 17, 2021	VA Maine Healthcare System	Introduction to power and sample size calculations	Invited speaker	4
March 2020- Present	NA	De novo collaboration between the Center for Science in the Public Interest; Laurie M. Tisch Center for Food, Education, and Policy at Teachers College; Center for Digital Democracy; Campaign for a Commercial Free Childhood; The UConn Rudd Center for Food Policy & Obesity and academics to petition the USDA and Children's Food and Beverage Advertising Initiative (CFBAI) to stop unhealthy food marketing on commercial educational websites	Member of 7 person working group; first author on commentary submitted to <i>American Journal for Preventive Medicine</i> (2020)	20
May 18, 2020	The Early Childhood Working Group of the Nutrition & Obesity Network Policy Research and Evaluation (NOPREN)	The effects of food marketing on diet and weight gain in early childhood	Presenter	1

May 16, 2019	Children and Screens: Institute of Digital Media and Child Development & Stony Brook University	Public Panel: Children and Screens: A Conversation with Experts	Panel participant	2
May 23, 2019	First Generation and/or Low-Income Student Group at Dartmouth College	What is STEM research?	Lead discussion on research careers	1
October 23, 2019	Health Research Live sponsored by Dartmouth SYNERGY, the Norris Cotton Cancer Center, the Montshire Museum of Science, and Dartmouth-Hitchcock Population Health	Public Panel: Healthy Eating During Childhood	Panel participant	2
2019 - Present	Children and Screens: Institute of Digital Media and Child Development	Media Impact Screening Toolkit (MIST) Working Group <i>This work group consists of researchers from the US, Canada, Germany and Ireland.</i>	Working group member	20
August 2018	National Institutes of Health	Study Section for Time-Sensitive Obesity Policy and Program Evaluation (R01)	Ad hoc reviewer	8
May 24, 2017	Quantitative Biomedical Sciences (QBS) at Geisel	Invited speaker on the panel, <i>Path to Academia</i> , for the Big Data in the Life Sciences Symposium	Panel participant	2
2015-Present	Nutrition & Obesity Network Policy Research and Evaluation (NOPREN), Centers for Disease Control and Prevention	The Early Childhood Working Group	Member	12
2015-Present	Nutrition & Obesity Network Policy	The Healthy Food Retail Working Group	Member	12

	Research and Evaluation (NOPREN), Centers for Disease Control and Prevention				
2017-2018	Dartmouth College	President's Food Sustainability Working Group (Chairs: Anne Kapuscinski [Environmental Studies] & Rosi Kerr [Director of Sustainability at Dartmouth College])	Member	15	
2017-2018	SYNERGY, Dartmouth College, and Dartmouth-Hitchcock Medical Center	Data Safety and Monitoring Board Study title: <i>A pilot study of an eHealth delivered Health coaching intervention</i> PI: John A. Batsis, MD, David Kotz	Member	6	

SPONSORED RESEARCH ACTIVITY (GRANTS AND CONTRACTS)

<u>DATES</u>	<u>PROJECT</u>	<u>ROLE</u>	<u>%EFFORT</u>	<u>SPONSOR</u>	<u>ANNUAL DIRECTS</u>
9/1/2022-8/31/2023	Engagement of Rural Breast Cancer Survivors using Ecological Momentary Assessment Methods: A Feasibility Study (PI: Gunn)	Biostatistician	5%	Norris Cotton Cancer Center	\$60,000
1/2023 – 12/2023	Neurological responses to mobile media-based cues among preadolescents	PI	15%	Hitchcock Foundation	\$50,000
9/01/2018-8/30/2023	Prospective impact of media use on sleep and obesity risk in preschoolers (5K01DK117971) (PI: Emond)	PI	50% in 2022-2023; 75% 2018-2022.	NIH/NIDDK	\$146,866 FY2

12/30/2021- 12/29/2023	Calibrating and validating accelerometry for use across early childhood (6-24 months) R03DK131154 (PI: Emond)	PI	0.11	NIH/NIDDK	\$75,000 YR1
9/1/2018- 7/31/2023	The relation of genetic factors, food cues, and self-regulation with excess consumption and adiposity in children (5R01HD092604) (PI: Gilbert-Diamond)	Collaborator	8.2%	NIH/NICHD	\$361,113 FY2
1/2018 – 12/2018	Developing a comprehensive scale of receptivity to highly palatable foods among young children using Amazon’s Mechanical Turk (PI: Emond)	PI	15%	American Cancer Society via the Norris Cotton Cancer Center	\$30,000
<i>Additional research support, not key personnel:</i>					
7/1/2021 – 6/30/2026	Examining the Mechanisms Underlying the Influence of Facebook Food Advertisements on Adolescents’ Eating Behaviors: Randomized Controlled Trials. (1R01CA248441-01A1) (PI: Bragg) <i>Dr. Bragg is faculty at NYU.</i>	Consultant	20 Hours in Year 1	NIH/NHLBI	\$275,000 FY1
12/01/2019- 12/31/2022	National Cancer Institute Cancer Center Support (CORE) (5P30CA023108-41) (PI: Leach)		5.0%	NIH/NCI	\$2,233,401

Statistical mentor for K08 award, no salary support

4/01/2021 – 3/31/2026	Increasing physical activity among breast cancer survivors K08CA259632 (PI: Stevens)	Statistical mentor	0.05	NIH/NCI	\$169,874 YR1
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PENDING

<u>DATES</u>	<u>PROJECT</u>	<u>ROLE</u>	<u>%EFFORT</u>	<u>SPONSOR</u>	<u>ANNUAL DIRECTS</u>
7/1/2024- 6/30/2029	Characterizing the relationships of genetic risk and parental coercive feeding practices with appetitive traits and adiposity gain across early life. → Scored at 2 nd percentile; JIT submitted; preparing to receive NOA in April 2024.	mPI	20%	NIDDK	\$470,000
10/1/2024- 9/30/2026	Exposure to semiautomatic military style weapons in entertainment media and weapons-related appraisal and decision processes among young adults.	PI	20%	NICHHD	\$150,000
12/1/2024- 11/30/2029	Genetic Interactions with Stress in Relation to Attentional Bias to Food Cues, Excess Consumptions and Adiposity Gain (PI: Gilbert-Diamond)	Co-Investigator	10%	NIDDK	\$363,000

COMPLETED:

I have also been supported by grants where I was not key personnel at the time of submission, but played a primary role in advising on methodology, analyses and/or manuscript writing *after* the grant was awarded.

<u>DATES</u>	<u>PROJECT</u>	<u>ROLE</u>	<u>%EFFORT</u>	<u>SPONSOR</u>	<u>ANNUAL DIRECTS</u>
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2/1/2012- 1/31/2019 (Two no-cost extensions)	Impact of food marketing and cross-promotions on preschoolers' dietary intake 5R01HD071021-03 (PI: Dalton)	Collaborator	50% 2017-2018	NIH/NICHD	\$384,177
12/01/2011 - 06/30/2020	Family Smoking Prevention and Tobacco Control Act National Longitudinal Study (i.e., PATH) (HHSN271201600001C) (Site PI: Sargent) - Ad Hoc 5.10 (Westat contract # 8954) - Ad Hoc 5.10 (Westat contract # 8954)	Statistician	See below 3.5% 2019-2020 3.5% 2019-2020	FDA & NIH/NIDA	\$127,273 \$126,231

PROGRAM DEVELOPMENT

DATES

2017 – 2022

DESCRIPTION

My efforts have notably advanced the QBS master's program in Health Data Science. The master's program began in 2018, and I took a lead role in developing the year-long capstone experience for the master's students. My development activities began in 2017. The capstone includes two terms (winter, spring) of pre-capstone preparation with coursework and skills development and a summer-term capstone. Summer term capstones may be internships or research/applied projects with individual mentors. My efforts included development of curriculum content and evaluation metrics and promoting the program to Dartmouth researchers to mentor students. Those efforts were a collaboration with Todd MacKenzie (Biomedical Data Science) and Shaniqua Jones (QBS). I also co-led a revision of the capstone course starting in 2020, where we integrated two other QBS master's tracks (epidemiology and medical informatics) into our capstone model. I have also been a member of the Master's admission committee every year.

2016 – Present

I have contributed to the overall course of study for the QBS graduate program. I developed four courses for the QBS graduate program: two epidemiology seminars (0.5 units each) for the doctoral program, the capstone experience for the master's students, and an applied biostatistics program (QBS 119). I also proposed and received approval for a scientific writing course that Dr. Erika Mohen now directs. I am also the chair of the Biomedical Data Science Curriculum Committee for QBS.

2016 – Present I co-lead the Media and Health Behaviors Research Laboratory at the Geisel School of Medicine at Dartmouth with Dr. Diane Gilbert-Diamond (Epidemiology). We have recruited infants, children, and adolescents for multiple research studies, including observational cohort studies and experimental. The lab currently includes two full time research assistants, one research scientist, and several graduate students. Dr. Gilbert-Diamond and I have formed a strong collaboration with documented research success; we have coauthored 30 peer-reviewed papers and have a pending R01 as mPIs (I am contact PI).

MAJOR COMMITTEE ASSIGNMENTS, INCLUSIVE OF PROFESSIONAL SOCIETIES: NATIONAL

<u>DATES</u>	<u>COMMITTEE NAME</u>	<u>YOUR ROLE</u>	<u>INSTITUTION/ ORGANIZATION</u>
March 7-8, 2024	NIH Special Emphasis Panel/Scientific Review Group: ZRG1 F16-T (20) L - Fellowships: Clinical Care and Health Interventions	Reviewer	National Institutes of Health
September 2023	Media Impact Screening Toolkit (MIST) Working Group	Chair of the 2023 revival of the working group. Goal: To create an NIH toolkit for measuring problematic media use in children and adolescents.	Children and Screens: Institute of Digital Media and Child Development
October 20, 2022	NIH Study Section Review Panel: Analytics and Statistics for Population Research Panel B	Ad Hoc Reviewer	National Institutes of Health
2022, 2020, 2019	Abstract reviewer for the Annual Meeting	Reviewer	Society for Behavioral Medicine
April 28, 2022	NIH Special Emphasis Panel/Scientific Group: RFA- HD-22-009 Impact of Technology and Digital Media (TDM) Exposure/Usage on Child and Adolescent Development (P01 Clinical Trial Optional)	Reviewer	National Institutes of Health

2021 – Present	Leadership Committee for the Evidence-Based Behavioral Medicine Special Interest Group	Member and incoming chair for 2023-2024	Society for Behavioral Medicine
May 2021 – December 2022	Media Impact Screening Toolkit (MIST) Working Group	Member of the working group. Goal: To create an NIH toolkit for measuring problematic media use in children and adolescents.	Children and Screens: Institute of Digital Media and Child Development
September 2022, September 2020, October 2019	Abstract review panel for the Annual Meeting of the Society of Behavioral Medicine	Ad hoc reviewer	Society for Behavioral Medicine (SBM)
August 2018	Review Panel: Time-Sensitive Obesity Policy and Program Evaluation (R01) proposals	Ad hoc reviewer	National Institutes of Health

MAJOR COMMITTEE ASSIGNMENTS, INCLUSIVE OF PROFESSIONAL SOCIETIES: REGIONAL

<u>DATES</u>	<u>COMMITTEE NAME</u>	<u>YOUR ROLE</u>	<u>INSTITUTION/ ORGANIZATION</u>
2022-Present	Faculty Search Committee (Chair: Nicholas Jacobson)	Member	Center for Technology and Behavioral Health and Biomedical Data Sciences, Geisel School of Medicine at Dartmouth
2022-Present	QBS Advisory Committee	Member	QBS Graduate Program, Geisel School of Medicine at Dartmouth

2019- Present	Health Data Sciences Curriculum Committee (Chair: Todd MacKenzie 2019 – 2022; Emond 2023-Present)	Chair 2023-Present Advise on curriculum for QBS health data science master's students	Quantitative Biomedical Sciences (QBS) Graduate Program, Geisel School of Medicine at Dartmouth
2019	Biomedical Data Science Faculty Search Committee (Chair: Alan Budney)	Reviewed applications for a tenure-track faculty position with the Department of Biomedical Data Science and made recommendations regarding offers.	Department of Biomedical Data Science, Geisel School of Medicine at Dartmouth
2018- Present	QBS Admission Committee for Master's Program	Reviewed applications to the QBS master's program and made recommendations regarding admission.	QBS Graduate Program, Geisel School of Medicine at Dartmouth
2017-2018	President's Food Sustainability Working Group (Chairs: Anne Kapuscinski [Environmental Studies] & Rosi Kerr [Director of Sustainability at Dartmouth College])	Committee member. I advised on the set of recommendations to deliver to the Dartmouth dining services regarding sustainability.	Dartmouth College
2017-2018	Data Safety and Monitoring Board <i>Study title: A pilot study of an eHealth delivered Health coaching intervention</i> PI: John A. Batsis, MD, David Kotz	Biostatistician committee member	SYNERGY/Dartmouth College, and Dartmouth-Hitchcock Medical Center

MEMBERSHIP IN PROFESSIONAL SOCIETIES

<u>DATES</u>	<u>SOCIETY</u>	<u>ROLE</u>
2021 – Present	American Statistical Association	Member
2018 – Present	Society for Behavioral Medicine	Member
2017 – Present	The American Heart Association	Member
2016 – Present	The Obesity Society	Member

2015 – Present	CDC’s Nutrition and Obesity Network (NOPREN)	Member
	- The Early Childhood Working Group	
	- The Healthy Food Retail Working Group	
2014 – Present	American Society for Nutrition	Member

INSTITUTIONAL CENTER OR PROGRAM AFFILIATIONS

<u>DATES</u>	<u>COMMITTEE NAME</u>	<u>ROLE</u>	<u>INSTITUTION/ORGANIZATION</u>
2017 – Present	None	Member, research investigator	C. Everett Koop Institute at Dartmouth
2015 – Present	None	Investigator member	Norris Cotton Cancer Center Prevention and Control Program

EDITORIAL BOARDS

<u>DATES</u>	<u>JOURNAL</u>	<u>ROLE</u>
9/2020-Present	BMC Public Health	Senior Editorial Board Member
2018 – 8/2020	BMC Public Health	Associate Editor

I was recognized as a “Top Performing Associate Editor in 2019” by the journal editor.

JOURNAL REFEREE ACTIVITY

<u>DATES</u>	<u>DESCRIPTION</u>
2013 - Present	I have been an ad hoc reviewer for multiple journals in the past seven years. I review approximately 2-4 manuscripts per month. Journals I have reviewed for the following: <i>Appetite, BMJ, BMC Medicine, BMC Public Health, The Breast, International Journal of Environmental Research and Public Health, International Journal of Obesity, JAMA Pediatrics, Journal of Adolescent Health, Journal of Caffeine Research, Journal of Dual Diagnosis, Journal of Nutrition Education and Behavior, Nicotine and Tobacco Research, Nutrients, Pediatrics, PLOS One, Preventing Chronic Disease, Public Health Nutrition, Sleep Health</i>

AWARDS AND HONORS

<u>DATE</u>	<u>AWARD</u>
2021-2022	Fellow in the Society for Behavioral Medicine (SBM) Leadership Institute. This is a one-year, mentorship program for mid-career professionals/academics within behavioral research. Acceptance into the program required a competitive review process for applicants. I am a mentee in the program.

2009-2013	T32 GM084896 (PI: Hovell) National Institute of General Medical Sciences, National Institutes of Health Transdisciplinary Training for Predoctoral Behavioral Scientists (T32) Role: Predoctoral Fellow
2012-2013	Transdisciplinary Research in Energetics and Cancer (TREC) Scholar University of California, San Diego, CA
2012-2013	Achievement Rewards for College Scientists (ARCS) Foundation Scholar San Diego Chapter, San Diego, CA
2012	National Institutes of Health's National Graduate Student Research Conference Scholar, Washington, D.C.
2012	Scholar in Training Travel Award Recipient Awarded from Susan G. Komen for the American Association for Cancer Research (AACR)'s Frontiers in Cancer Prevention Research Conference National award

PRESENTATIONS

- *Indicate with an asterisk (*) those presentations to which you, individually, were extended an invitation to present.*
- *Indicate with a hashtag (#) those presentations that were meetings where you may have presented a poster/talk, but not following a personalized invitation (i.e., at a large society meeting).*
- *Indicate with a carat (^) if the talk/presentation was applicable as a CME activity.*

INTERNATIONAL - ORAL TALKS

<u>DATE</u>	<u>TOPIC/TITLE</u>	<u>ORGANIZATION</u>	<u>LOCATION</u>
March 15, 2024	# The performance of ankle-based accelerometry in quantifying physical activity intensity among 6-to-24-year-olds.	Society for Behavioral Medicine	Philadelphia, PA
October 3, 2024	# Could there be a genetic link to problematic media use among preadolescents?	Additions Thematic Meeting	Hanover, NH
April 27, 2023	# Problematic media use in pre-adolescents and adolescents: An emerging public health issue → <i>This is a symposium that I chaired and participated in. I led the development of this symposium submission with three colleagues outside of Dartmouth.</i>	Society for Behavioral Medicine	Phoenix, AZ

May 4, 2014	# Children's recall of fast food television advertising: Evidence of self-regulation failure	Pediatric Academic Societies Annual Meeting	Vancouver, BC
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INTERNATIONAL - POSTER PRESENTATIONS

<u>DATE</u>	<u>TOPIC/TITLE</u>	<u>ORGANIZATION</u>	<u>LOCATION</u>
September 21, 2023	Is problematic media use present among preschool-aged children?	Children and Screens: Institute for Digital Media, Digital Media and Developing Minds Conference	Washington, D.C.
November 13, 2018	# Development of a scale to measure food cue responsivity among preschoolers	Obesity Week: Annual Conference of The Obesity Society & the American Society for Metabolic & Bariatric Surgery (ASMBS)	Nashville, TN
November 13, 2018	# Exposure to child-directed fast food TV ads and brand-specific intake prospectively in 3-5-year-olds	Obesity Week: Annual Conference of The Obesity Society & the American Society for Metabolic & Bariatric Surgery (ASMBS)	Nashville, TN
November 13, 2018	# Fast food intake and weight status among 3-5-year-olds	Obesity Week: Annual Conference of The Obesity Society & the American Society for Metabolic & Bariatric Surgery (ASMBS)	Nashville, TN
November 13, 2018	# Association between parent motivations for fast food visits and fast food intake among preschoolers	Obesity Week: Annual Conference of The Obesity Society & the American Society for Metabolic & Bariatric Surgery (ASMBS)	Nashville, TN
May 4, 2014	# Energy drink consumption among youth and its relation to drinking behaviors	Pediatric Academic Societies Annual Meeting	Vancouver, BC
May 4, 2014	# Energy drink advertising on US television networks	Pediatric Academic Societies Annual Meeting	Vancouver, BC
December 2011	# Change in carbohydrate intake and breast cancer prognosis	The 34th Annual CTSC-AACR San Antonio Breast Cancer Symposium	San Antonio, TX

December 2011	# The protective effect of a dietary intervention on additional breast cancer events is limited to those with higher baseline testosterone concentrations	The 33rd Annual CTRC-AACR San Antonio Breast Cancer Symposium	San Antonio, TX
July 2006	# Predictors of dropout in clinical trials of subjects with mild cognitive impairment (MCI)	The 10th Alzheimer's Association International Conference on Alzheimer's Disease (ICAD)	Madrid, Spain

NATIONAL - ORAL TALKS

<u>DATE</u>	<u>TOPIC/TITLE</u>	<u>ORGANIZATION</u>	<u>LOCATION</u>
March 10, 2023	* Maintaining health in the food environment. Moderator.	Tufts University Nutrition Data Symposium	Virtual
October 17, 2022	* Development of the external food cue responsiveness scale for young children.	Penn State University Nutritional Colloquium	Zoom and University Park, PA
May 18, 2020	* The effects of food marketing on diet and weight gain in early childhood	The Early Childhood Working Group of the Nutrition & Obesity Network Policy Research and Evaluation (NOPREN)	Online webinar
September 28, 2018	# Prospective influence of child-directed TV food advertising exposure on preschoolers' intake of advertised food	Addictions Research Annual Meeting	Lebanon, NH
May 5, 2017	# Child-directed food marketing and children's dietary intake	Addictions Research Annual Meeting	Marquette, MI
April 5, 2016	# FTO genotype and weight status among children: Assessing mediating and independent effects of child eating behaviors	Experimental Biology Annual Meeting	San Diego, CA
March 28-April 1, 2015	# The home food environment and a young child's weight status	Experimental Biology Annual Meeting	Boston, MA

February 18-20, 2015	# Commercial TV exposure, fast-food toy collecting and family visits to fast food restaurants	Robert Wood Johnson Foundation's Healthy Eating Research 9th Annual Grantee Meeting	St. Paul, MN
April 21-25, 2012	# Validating associations between sugar-sweetened beverage intake and adiposity among African-American and White adults in a doubly labeled water study	Experimental Biology Annual Meeting	San Diego, CA
October 29-November 2, 2011	# Access to healthy and unhealthy food items in urban grocery stores: How store audit data can describe a food environment considering customer ethnicity	The 139th APHA Annual Meeting, Food and Nutrition Section	Washington, D.C.

NATIONAL - POSTER PRESENTATIONS

<u>DATE</u>	<u>TOPIC/TITLE</u>	<u>ORGANIZATION</u>	<u>LOCATION</u>
October 26-29, 2014	# The influence of arsenic exposure on infant birth size by maternal weight status among a sample of women in the northeastern United States	Endocrine Society's 4th Annual Prenatal Programming and Toxicity (PPTOX) Conference	Boston, MA
October 9-10, 2012	# Change in carbohydrate intake and breast cancer prognosis	The National Institutes of Health's National Graduate Student Research Conference	Bethesda, MD
October 16-19, 2012	# Change in carbohydrate intake and breast cancer prognosis	American Association for Cancer Research 11th Annual Frontiers in Cancer Prevention Research	Anaheim, CA

REGIONAL / LOCAL - ORAL TALKS

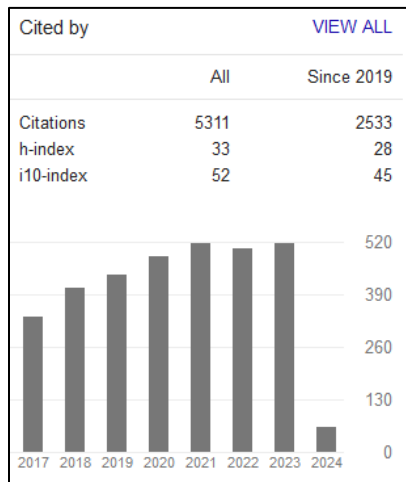
<u>DATE</u>	<u>TOPIC/TITLE</u>	<u>ORGANIZATION</u>	<u>LOCATION</u>
March 6, 2022	Is food marketing bad for young children's health?	Weight & Wellness Center at Dartmouth Medical Center	Lebanon, NH

February 14, 2022	Public Health Research Q&A	Norris Cotton Cancer Center's Undergraduate Cancer Center Scholars program	Lebanon, NH
December 15, 2021	Is child-directed fast food marketing related to children's obesity risk?	Cancer Population Sciences research group, Norris Cotton Cancer Center	Lebanon, NH
December 15, 2021	Is child-directed fast food marketing related to children's obesity risk?	Cancer Population Sciences research group, Norris Cotton Cancer Center	Lebanon, NH
December 3, 2018	* Measuring the effects of child-directed TV food advertising on preschool-age children	The Rudd Center for Food Policy & Obesity University of Connecticut	Storrs, CT
September 19, 2018	Prospective influence of child-directed TV food advertising exposure on preschoolers' intake of advertised food	Cancer Control Program Behavioral Research monthly meeting Norris Cotton Cancer Center	Lebanon, NH
June 20, 2018	Prospective impact of media use and sleep on obesity risk in preschool-aged children	Cancer Control Program Behavioral Research monthly meeting Norris Cotton Cancer Center	Lebanon, NH
May 27, 2015	* Television marketing of foods and beverages for youth	The College of Health Sciences University of Massachusetts	Lowell, MA
October 10, 2014	* Risk of Breast Cancer Recurrence Associated with Carbohydrate Intake	Vermont Cancer Center's 17th Annual Breast Cancer Conference	Burlington, VT
June 17, 2014	^ Risk of Breast Cancer Recurrence Associated with Carbohydrate Intake and Tissue Expression of IGF1 Receptor	Norris Cotton Cancer Center Grand Rounds	Lebanon, NH

January 15, 2014	Energy drinks and alcohol use among a general cohort of US youth	Cancer Control Program Behavioral Research monthly meeting Norris Cotton Cancer Center	Lebanon, NH
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REGIONAL / LOCAL - POSTER PRESENTATIONS

<u>DATE</u>	<u>TOPIC/TITLE</u>	<u>ORGANIZATION</u>	<u>LOCATION</u>
April 9, 2003	# US emergency department visits for cocaine abuse or dependence, 1992-2000	Society for Academic Emergency Medicine (SAEM) Regional Meeting	Worcester, MA

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1. **Emond JA**, Carlson D, Ballarino G, Domoff, SE. Validating the problematic media use measure in preschool-aged children: associations with children's screen media use, bothersome pestering to use screen media, and emotional self-regulation. *Technology, Mind, and Behavior.* Revision under review.
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BIBLIOGRAPHY: REVIEWS

Invited / peer-reviewed

1. Patterson RE, Cadmus LA, **Emond JA**, Pierce JP. Physical activity, diet, adiposity and female breast cancer prognosis: a review of the epidemiologic literature. *Maturitas.* 2010;66(1):5-15.

Not invited / peer-reviewed

2. Lansigan RK & **Emond JA** (co-first author), Gilbert-Diamond D. Understanding eating in the absence of hunger among young children: a systematic review of existing studies. *Appetite*. 2014;85C:36-47.

BOOKS/BOOK CHAPTERS/MONOGRAPHS

1. **Emond JA**, Ayala GX. Nutrition for health promotion. In: Madanat H, Ayala GX, Arredondo E, eds. *Introduction to Health Promotion & Behavioral Science in Public Health*. 1sted. Clifton Park, NY: Cengage Learning, Inc.2015.

COMMENTARIESEditorial commentary, invited

1. **Emond JA**. Household chaos: A risk factor for adverse child outcomes gains attention in public health. *BMC Public Health*. 2020;20(1):596.
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2. Sargent JD, Tanski SE, Brunette MF, **Emond JA**, Woloshin S. Up in smoke: The reported association between e-cigarette use and wheezing in this study is probably spurious. *Tobacco Control*. March 7, 2019.
3. **Emond JA**. Analysis questions on Social Robots for Hospitalized Children. *Pediatrics*. June 26, 2019.
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INVITED RESEARCH BRIEFS

1. **Emond JA**. & Benjamin-Neelon SE. Screen Media use is Higher among Preschool Children from More Chaotic Homes. Lerner Center for Health Promotion at Syracuse University. May 2019.
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2. **Emond JA**. Sugar-sweetened beverages: good, bad or just ugly? New Hampshire Comprehensive Cancer Collaborative. Emerging Issues Brief. June 2018.
Available at https://www.nhcancerplan.org/images/downloads/issue-briefs/NHCCC_Emerging_Issues_06-2018_Sugar_Sweetened_Beverages.pdf
3. **Emond JA** & Gilbert-Diamond D. Excess weight gain during youth and the future risk of cancer. New Hampshire Comprehensive Cancer Collaborative. Emerging Issues Brief. March 2015.
Available at http://www.nhcancerplan.org/images/downloads/issue-briefs/NHCCC_Emerging_Issues_weight0315.pdf

MEDIA COVERAGE

My research has been covered in national news outlets including in Reuters and *The New York Times*. I have been the primary contact for all studies on which I am first author. I have considerable experience

interacting with the press. I am also frequently asked to comment on pediatric research studies on diet and media for Reuters. Three examples:

- Dell'Antonia KJ. More Research Suggests Fast-Food Advertising Works on Children. Motherlode with the *New York Times*. 10/30/2015. Available at <https://parenting.blogs.nytimes.com/2015/10/30/more-research-suggests-fast-food-advertising-works-on-children/>
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- Rapaport L. TV ads for sugary cereal do influence kids' breakfast cravings. Health News, *Reuters*. 12/19/2018. Available at <https://www.reuters.com/article/us-health-children-advertising-cereal/tv-ads-for-sugary-cereal-do-influence-kids-breakfast-cravings-idUSKCN1OI2LE>

PODCAST INTERVIEWS

Food Sleuth Radio. Jennifer Emond, Ph.D., MS, Assistant Professor, Geisel School of Medicine, Dartmouth College discusses fast food marketing targeted to children. July 16, 2021.

<https://podcasts.apple.com/us/podcast/jennifer-emond-ph-d-ms-assistant-professor-geisel-school/id1329397783?i=1000529029997>