

CURRICULUM VITAE

Kelley S. Madden

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Education

B.S.	Valparaiso University, 1983	Major: Biology/Chemistry
Ph.D.	University Rochester, 1989	Immunology
Postdoc	University of Rochester, 1989-1992	Neuroscience

Employment History (since 2005)

Oct 2019 – present. Director of Evaluations, Brockport Research Institute, Brockport, NY

2015 – 2018. Research Associate Professor, Department of Biomedical Engineering, University of Rochester

2005 – 2015. Research Assistant Professor, Department of Biomedical Engineering, University of Rochester

Program Evaluation

- Oversight of ~60 current BRI evaluation projects and 30 evaluators
- Training/mentoring new evaluators in all aspects of program evaluation
- Representative projects as lead evaluator:
 - 2023 – 2028 US Department of Education. Title III Strengthening Institutions Program. Indiana University of Pennsylvania (*Indiana, PA*)
 - 2023-2026 NSF Secure & Trustworthy Cyberspace (SaTC). Clarkson University (*Potsdam, NY*)
 - 2023-2029 NSF S-STEM, track 1. Spring Hill College (*Mobile, AL*)
 - 2023-2025 (no cost extension). NSF CIVIC Innovation Challenge, Stage 2. Stetson University (*Deland, FL*)
 - 2022-2027 NSF Noyce, track 1. University of St. Mary (*Leavenworth, KS*)
 - 2022-2025 NSF Partnership for International Research & Education (PIRE). University of Buffalo (*Buffalo, NY*)
 - 2021-2026 US Department of Education. Title III HSI STEM and Articulation. William Paterson University (*Wayne, NJ*)
 - 2021-2026 NSF IUSE, track 3. Valencia College (*Orlando, FL*)

Professional Memberships

- American Evaluation Association

Presentations

- High Impact Technology Exchange (Hi-TEC) 2024 Conference in Kansas City, MO. Special Interest Group session *ATE Evaluators: Connect, Share and Learn*, July 30, 2024. Presentation entitled *Lessons Learned: Local Culture and Evaluation of an NSF ATE Grant*.
- Invited participant in an *Ask Us Anything* panel at the Hi-TEC 2024 Conference in Kansas City, MO, August 1, 2024. This session explored the importance of evaluation in maximizing project impact.

Successful Grants Written as BRI Associate:

- St John Fisher College, NYSED Collegiate Science and Technology Entry Program (C-STEP), \$400,000
- Fulton Central School District, NYSED Early College High School, \$824,999
- Iona College, NSF Noyce (Capacity Building), \$119,000

Grants Funded as PI

- Department of Defense Breast Cancer Research Program. 2013 – 2016, (No cost extension) \$374,923
- University of Rochester Lung Biology and Disease Program. 2015-2016, \$15,000
- Leidos Biomedical/NCI Research Contract Agreement. 2014 - 2015, \$56,025
- National Institutes of Health/National Cancer Institute. 2010 –2012, \$282,750
- Department of Defense Breast Cancer Research Program. 2010 –13 (No cost extension), \$316,234
- Breast Cancer Coalition of Rochester. 2007, \$40,000

Ad hoc Federal Grant Reviewer

National Institutes of Health/National Cancer Center Study Sections, 2012-2018

- NCI Neural Regulation of Cancer Special Emphasis Panel/Scientific Review Group 2017/05
- NCI Omnibus R21/R03 Special Emphasis Panel-1 ZCA1 SLB-5 (M1) March 02-03, 2017
- NIH Biobehavioral Mechanisms of Emotion, Stress, and Health Study Biobehavioral Mechanisms of Emotion, Stress and Health Study Section
- NCI Special Emphasis Panel on Provocative Questions

Peer-Reviewed Publications (Representative)

Elias, TM, DE Desa, EB Brown IV, S Paul, GA Ramirez, BM Turner, **KS Madden**, RS Gonzalez, A Weiss, EB Brown III. 2025. Exploring racial differences in second-harmonic generation–based prognostic indicators of metastasis in breast and colon cancer, 2, 022703, doi: 10.1117/1.BIOS.2.2.022703

Dawes RP, KA Burke, DK Byun, Z Xu, P Stastka, L Chan, EB Brown, **KS Madden**. 2020. Chronic stress exposure suppresses mammary tumor growth and reduces circulating exosome TGF- β content via β -adrenergic receptor signaling in MMTV-PyMT Mice. *Breast Cancer* 14:1178223420931511. PubMed Central PMCID: [PMC7301655](https://pubmed.ncbi.nlm.nih.gov/3301655/).

Madden, KS. 2017. Sympathetic neural-immune interactions regulate hematopoiesis, thermoregulation, and inflammation in mammals. *Dev. Comp. Immunol.* 66: 92-97. pii: S0145-305X (16)30132-X [Epub ahead of print] 2016. PMID: [27119982](https://pubmed.ncbi.nlm.nih.gov/27119982/) DOI: [10.1016/j.dci.2016.04.015](https://doi.org/10.1016/j.dci.2016.04.015)

Szpunar, MJ, EK Belcher, RP Dawes, **KS Madden**. 2015. Sympathetic innervation, norepinephrine content, and norepinephrine turnover in orthotopic and spontaneous models of breast cancer. *Brain Behavior and Immunity* 53: 223-233. (<http://dx.doi.org/10.1016/j.bbi.2015.12.2014>)

Szpunar, MJ, KA Burke, RP Dawes, EB Brown, **KS Madden**. 2013. The tricyclic antidepressant desipramine and α_2 -AR activation promotes breast tumor progression in association with altered collagen structure. *Cancer Prevention Research* 6(12): 1262-1272. DOI: 10.1158/1940-6207.CAPR-13-0079. (<http://cancerpreventionresearch.aacrjournals.org/content/6/12/1262>)

Representative Book Chapters

Madden, KS. 2001. Catecholamines, sympathetic nerves and immunity. In *Psychoneuroimmunology*, 3rd Edition. (Eds.) R. Ader, D.L. Felten, and N. Cohen. (Academic Press Inc., San Diego), pp. 197-216.

Miscellaneous Publications

Madden, KS. Section Editor. Section 1: Immunity. 2016. *Primer of PsychoNeuroImmunology Research*. Opp, MR, Editor. Los Angeles, CA: PsychoNeuroImmunology Research Society.