Pamela H. Templer, PhD

Distinguished Professor and Chair

Boston University, Dept of Biology 5 Cummington Mall Boston, MA 02215 email: ptempler@bu.edu web: people.bu.edu/ptempler

Distinguished Professor, Arts & Sciences, Boston University Chair, Department of Biology, Boston University 2022-present Chair, Department of Biology, Boston University 2021-2022 Professor, Boston University 2017-present Director, BU URBAN Ph.D. Program, Boston University 2017-present Faculty Research Fellow, Pardee Center, Boston University 2015-present Associate of the Arnold Arboretum, Harvard University 2015-present Director, Ph.D. Program in Biogeoscience, Boston University 2014-2021 Associate Chair, Department of Biology, Boston University 2014-2020 Charles Bullard Fellow and Sustainability Science Fellow, Harvard University 2013-2014 Associate Professor, Boston University 2013-2017 Assistant Professor, Boston University 2012-2017 Assistant Professor, Boston University 2005-2012 Co-Director, Stable Isotope Laboratory, Boston University 2007-present Postdoctoral Fellow, University California Berkeley Research Assistant, Cary Institute DINORS AND AWARDS Invited Author, United by Nature Invited Author, United by Nature Invited Author, First National Nature Assessment (NNA1), U.S. Global Change Research Prog Sustainability Champion Award, Boston University Institute Global Sustainability 2024 Provost's Scholar-Teacher of the Year Award, Boston University Assoc for Advancement Sustainability Higher Educ (AASHE) Campus Sustainability Research Award Elected Fellow, Ecological Society of America (ESA) Elected Vice President for Education & Human Resources, ESA 2018-2021 Metcalf Award for Excellence in Teaching, Boston University National Science Foundation CAREER Grant Elected member of Scientific Coordinating Committee, Hubbard Brook Experimental Forest	EDUCATION	
B.A. in Environmental Studies and Biology (double major), University of California Santa Cruz, CA Distinguished Professor, Arts & Sciences, Boston University Chair, Department of Biology, Boston University Charles Bullard Fellow, Harvard University 2021-2022 Professor, Boston University Director, BU URBAN Ph.D. Program, Boston University 2017-present Cases arch Fellow, Pardee Center, Boston University 2015-present Associate of the Arnold Arboretum, Harvard University 2015-present Director, Ph.D. Program in Biogeoscience, Boston University 2015-present Director, Ph.D. Program in Biogeoscience, Boston University 2014-2021 Associate Chair, Department of Biology, Boston University 2014-2021 Associate Professor, Boston University 2013-2014 Associate Professor, Boston University 2013-2014 Associate Professor, Boston University 2012-2017 Assistant Professor, Boston University 2012-2017 Assistant Professor, Boston University 2007-present Postdoctoral Fellow, University California Berkeley 2001-2005 Research Assistant, Cary Institute 2005- DNORS AND AWARDS Invited Author, First National Nature Assessment (NNA1), U.S. Global Change Research Prog Sustainability Champion Award, Boston University Institute Global Sustainability 2024 Assoc for Advancement Sustainability Higher Educ (AASHE) Campus Sustainability Research Award Elected Fellow, Ecological Society of America (ESA) Elected Vice President for Education & Human Resources, ESA 2018-2021 Elected Vice President for Education & Human Resources, ESA 2018-2021 Elected Wender of Scientific Coordinating Committee, Hubbard Brook Experimental Forest 2010-2022	Ph.D. in Ecology and Evolutionary Biology, Cornell University, Ithaca, NY	2001
Distinguished Professor, Arts & Sciences, Boston University Chair, Department of Biology, Boston University 2022-present Chair, Department of Biology, Boston University 2021-2022 Professor, Boston University 2017-present Director, BU URBAN Ph.D. Program, Boston University 2017-present Faculty Research Fellow, Pardee Center, Boston University 2015-present Associate of the Arnold Arboretum, Harvard University 2015-present Director, Ph.D. Program in Biogeoscience, Boston University 2014-2021 Associate Chair, Department of Biology, Boston University 2014-2020 Charles Bullard Fellow and Sustainability Science Fellow, Harvard University 2013-2014 Associate Professor, Boston University 2013-2017 Assistant Professor, Boston University 2012-2017 Assistant Professor, Boston University 2005-2012 Co-Director, Stable Isotope Laboratory, Boston University 2007-present Postdoctoral Fellow, University California Berkeley Research Assistant, Cary Institute DINORS AND AWARDS Invited Author, United by Nature Invited Author, United by Nature Invited Author, First National Nature Assessment (NNA1), U.S. Global Change Research Prog Sustainability Champion Award, Boston University Institute Global Sustainability 2024 Provost's Scholar-Teacher of the Year Award, Boston University Assoc for Advancement Sustainability Higher Educ (AASHE) Campus Sustainability Research Award Elected Fellow, Ecological Society of America (ESA) Elected Vice President for Education & Human Resources, ESA 2018-2021 Metcalf Award for Excellence in Teaching, Boston University National Science Foundation CAREER Grant Elected member of Scientific Coordinating Committee, Hubbard Brook Experimental Forest		1995
Chair, Department of Biology, Boston University Charles Bullard Fellow, Harvard University Professor, Boston University Director, BU URBAN Ph.D. Program, Boston University Faculty Research Fellow, Pardee Center, Boston University Associate of the Arnold Arboretum, Harvard University Director, Ph.D. Program in Biogeoscience, Boston University Director, Stable Sustainability Science Fellow, Harvard University Director, Stable Isotope Laboratory, Boston University Director, Stable Isotope Laboratory, Boston University Dostocral Fellow, University California Berkeley Research Assistant, Cary Institute DINORS AND AWARDS Invited Author, United by Nature Invited Author, United by Nature Invited Author, First National Nature Assessment (NNA1), U.S. Global Change Research Prog Sustainability Champion Award, Boston University Institute Global Sustainability Director, Stoholar-Teacher of the Year Award, Boston University Assoc for Advancement Sustainability Higher Educ (AASHE) Campus Sustainability Research Award Elected Fellow, Ecological Society of America (ESA) Elected Vice President for Education & Human Resources, ESA Metcalf Award for Excellence in Teaching, Boston University National Science Foundation CAREER Grant Elected member of Scientific Coordinating Committee, Hubbard Brook Experimental Forest	PROFESSIONAL APPOINTMENTS	
Charles Bullard Fellow, Harvard University Professor, Boston University Director, Bul URBAN Ph.D. Program, Boston University Faculty Research Fellow, Pardee Center, Boston University Associate of the Arnold Arboretum, Harvard University Director, Ph.D. Program in Biogeoscience, Boston University Director, Stable Isotope Laboratory, Boston University Institute Global Sustainability Director, Stable Isotope Laboratory, Boston University Director, Ph.D. Provost's Scholar-Teacher of the Year Award, Boston University Directory Isotope Laboratory Director, Ph.D. Provost's Scholar-Teacher of	Distinguished Professor, Arts & Sciences, Boston University	2024-present
Professor, Boston University Director, BU URBAN Ph.D. Program, Boston University 2017-present Faculty Research Fellow, Pardee Center, Boston University 2015-present Associate of the Arnold Arboretum, Harvard University 2015-present Director, Ph.D. Program in Biogeoscience, Boston University 2014-2021 Associate Chair, Department of Biology, Boston University 2014-2020 Charles Bullard Fellow and Sustainability Science Fellow, Harvard University 2013-2014 Associate Professor, Boston University 2012-2017 Assistant Professor, Boston University 2005-2012 Co-Director, Stable Isotope Laboratory, Boston University 2007-present Postdoctoral Fellow, University California Berkeley 2007-present Postdoctoral Fellow, University California Berkeley Research Assistant, Cary Institute 2025- Invited Author, United by Nature Invited Author, United by Nature Assessment (NNAI), U.S. Global Change Research Prog Sustainability Champion Award, Boston University Institute Global Sustainability 2024 Provost's Scholar-Teacher of the Year Award, Boston University Assoc for Advancement Sustainability Higher Educ (AASHE) Campus Sustainability Research Award Elected Fellow, Ecological Society of America (ESA) Elected Vice President for Education & Human Resources, ESA Metcalf Award for Excellence in Teaching, Boston University National Science Foundation CAREER Grant Elected member of Scientific Coordinating Committee, Hubbard Brook Experimental Forest	Chair, Department of Biology, Boston University	2022-present
Director, BU URBAN Ph.D. Program, Boston University Faculty Research Fellow, Pardee Center, Boston University Associate of the Arnold Arboretum, Harvard University Director, Ph.D. Program in Biogeoscience, Boston University Associate Chair, Department of Biology, Boston University Charles Bullard Fellow and Sustainability Science Fellow, Harvard University Director, Sesson, Boston University Director, Boston University Co-birector, Stable Isotope Laboratory, Boston University Postdoctoral Fellow, University California Berkeley Research Assistant, Cary Institute DINORS AND AWARDS Invited Author, United by Nature Invited Member, U.S. National Committee for International Union Biological Sciences Invited Author, First National Nature Assessment (NNA1), U.S. Global Change Research Prog Sustainability Champion Award, Boston University Institute Global Sustainability Provost's Scholar-Teacher of the Year Award, Boston University Assoc for Advancement Sustainability Higher Educ (AASHE) Campus Sustainability Research Award Elected Fellow, Ecological Society of America (ESA) Metcalf Award for Excellence in Teaching, Boston University National Science Foundation CAREER Grant Elected member of Scientific Coordinating Committee, Hubbard Brook Experimental Forest 2015-present 2015-present 2015-present 2015-present 2015-present 2016-present 2015-present 2016-present 2017-present 2017-present 2017-present 2018-2021 2019-2021 2019-2021	Charles Bullard Fellow, Harvard University	2021-2022
Faculty Research Fellow, Pardee Center, Boston University Associate of the Arnold Arboretum, Harvard University Director, Ph.D. Program in Biogeoscience, Boston University Associate Chair, Department of Biology, Boston University Charles Bullard Fellow and Sustainability Science Fellow, Harvard University 2014-2020 Charles Bullard Fellow and Sustainability Science Fellow, Harvard University 2013-2014 Associate Professor, Boston University 2012-2017 Assistant Professor, Boston University 2005-2012 Co-Director, Stable Isotope Laboratory, Boston University Postdoctoral Fellow, University California Berkeley Research Assistant, Cary Institute 2007-present Ponons And Awards Invited Author, United by Nature Invited Author, United by Nature Invited Author, First National Committee for International Union Biological Sciences Invited Author, First National Nature Assessment (NNA1), U.S. Global Change Research Prog Sustainability Champion Award, Boston University Institute Global Sustainability Provost's Scholar-Teacher of the Year Award, Boston University Assoc for Advancement Sustainability Higher Educ (AASHE) Campus Sustainability Research Award Elected Fellow, Ecological Society of America (ESA) Elected Vice President for Education & Human Resources, ESA Metcalf Award for Excellence in Teaching, Boston University National Science Foundation CAREER Grant Elected member of Scientific Coordinating Committee, Hubbard Brook Experimental Forest 2010-2022	Professor, Boston University	2017-present
Associate of the Arnold Arboretum, Harvard University Director, Ph.D. Program in Biogeoscience, Boston University Associate Chair, Department of Biology, Boston University 2014-2020 Charles Bullard Fellow and Sustainability Science Fellow, Harvard University 2013-2014 Associate Professor, Boston University 2012-2017 Assistant Professor, Boston University 2015-2012 Co-Director, Stable Isotope Laboratory, Boston University 2007-present Postdoctoral Fellow, University California Berkeley Research Assistant, Cary Institute 2001-2005 Research Assistant, Cary Institute 2025- Invited Author, United by Nature Invited Author, United by Nature Invited Author, First National Committee for International Union Biological Sciences Invited Author, First National Nature Assessment (NNAI), U.S. Global Change Research Prog Sustainability Champion Award, Boston University Institute Global Sustainability Provost's Scholar-Teacher of the Year Award, Boston University 2021 Assoc for Advancement Sustainability Higher Educ (AASHE) Campus Sustainability Research Award Elected Fellow, Ecological Society of America (ESA) 2019 Elected Vice President for Education & Human Resources, ESA 2018-2021 Metcalf Award for Excellence in Teaching, Boston University 2015 National Science Foundation CAREER Grant 2012-2017 Elected member of Scientific Coordinating Committee, Hubbard Brook Experimental Forest	Director, BU URBAN Ph.D. Program, Boston University	2017-present
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Invited Member, U.S. National Committee for International Union Biological Sciences Invited Author, First National Nature Assessment (NNA1), U.S. Global Change Research Prog Sustainability Champion Award, Boston University Institute Global Sustainability Provost's Scholar-Teacher of the Year Award, Boston University Assoc for Advancement Sustainability Higher Educ (AASHE) Campus Sustainability Research Award Elected Fellow, Ecological Society of America (ESA) Elected Vice President for Education & Human Resources, ESA Metcalf Award for Excellence in Teaching, Boston University National Science Foundation CAREER Grant Elected member of Scientific Coordinating Committee, Hubbard Brook Experimental Forest 2024-2025 2024 2021 2021 2021 2021 2022	HONORS AND AWARDS	
Invited Author, First National Nature Assessment (NNA1), U.S. Global Change Research Prog Sustainability Champion Award, Boston University Institute Global Sustainability Provost's Scholar-Teacher of the Year Award, Boston University Assoc for Advancement Sustainability Higher Educ (AASHE) Campus Sustainability Research Award Elected Fellow, Ecological Society of America (ESA) Elected Vice President for Education & Human Resources, ESA Metcalf Award for Excellence in Teaching, Boston University National Science Foundation CAREER Grant Elected member of Scientific Coordinating Committee, Hubbard Brook Experimental Forest 2024-2025 2024 2021 2021 2021 2021 2021 2022	Invited Author, United by Nature	2025-
Sustainability Champion Award, Boston University Institute Global Sustainability 2024 Provost's Scholar-Teacher of the Year Award, Boston University 2021 Assoc for Advancement Sustainability Higher Educ (AASHE) Campus Sustainability Research Award Elected Fellow, Ecological Society of America (ESA) 2019 Elected Vice President for Education & Human Resources, ESA 2018-2021 Metcalf Award for Excellence in Teaching, Boston University 2015 National Science Foundation CAREER Grant Elected member of Scientific Coordinating Committee, Hubbard Brook Experimental Forest 2010-2022	Invited Member, U.S. National Committee for International Union Biological Sciences	2024-2028
Provost's Scholar-Teacher of the Year Award, Boston University Assoc for Advancement Sustainability Higher Educ (AASHE) Campus Sustainability Research Award Elected Fellow, Ecological Society of America (ESA) Elected Vice President for Education & Human Resources, ESA Metcalf Award for Excellence in Teaching, Boston University National Science Foundation CAREER Grant Elected member of Scientific Coordinating Committee, Hubbard Brook Experimental Forest 2021 2019 2018-2021 2015 2016-2022	Invited Author, First National Nature Assessment (NNA1), U.S. Global Change Research Prog	2024-2025
Assoc for Advancement Sustainability Higher Educ (AASHE) Campus Sustainability Research Award Elected Fellow, Ecological Society of America (ESA) Elected Vice President for Education & Human Resources, ESA Metcalf Award for Excellence in Teaching, Boston University National Science Foundation CAREER Grant Elected member of Scientific Coordinating Committee, Hubbard Brook Experimental Forest 2019 2018-2021 2019 2018-2021 2019 2019 2019 2019 2019 2019 2019	Sustainability Champion Award, Boston University Institute Global Sustainability	2024
Elected Fellow, Ecological Society of America (ESA) Elected Vice President for Education & Human Resources, ESA Metcalf Award for Excellence in Teaching, Boston University National Science Foundation CAREER Grant Elected member of Scientific Coordinating Committee, Hubbard Brook Experimental Forest 2019 2018-2021 2018-2021 2010-2022	Provost's Scholar-Teacher of the Year Award, Boston University	2021
Elected Vice President for Education & Human Resources, ESA Metcalf Award for Excellence in Teaching, Boston University National Science Foundation CAREER Grant Elected member of Scientific Coordinating Committee, Hubbard Brook Experimental Forest 2018-2021 2015 2017-2017	Assoc for Advancement Sustainability Higher Educ (AASHE) Campus Sustainability Research Award	2021
Metcalf Award for Excellence in Teaching, Boston University2015National Science Foundation CAREER Grant2012-2017Elected member of Scientific Coordinating Committee, Hubbard Brook Experimental Forest2010-2022	Elected Fellow, Ecological Society of America (ESA)	2019
National Science Foundation CAREER Grant 2012-2017 Elected member of Scientific Coordinating Committee, Hubbard Brook Experimental Forest 2010-2022	Elected Vice President for Education & Human Resources, ESA	2018-2021
Elected member of Scientific Coordinating Committee, Hubbard Brook Experimental Forest 2010-2022	Metcalf Award for Excellence in Teaching, Boston University	2015
, ,	National Science Foundation CAREER Grant	2012-2017
· · · · · · · · · · · · · · · · · · ·	Elected member of Scientific Coordinating Committee, Hubbard Brook Experimental Forest	2010-2022
Andrew W. Mellon Foundation's Junior Faculty Research Grant 2007-2011	Andrew W. Mellon Foundation's Junior Faculty Research Grant	2007-2011
Teresa Heinz Environmental Scholars Award (Ph.D. Dissertation Research Fellowship) 1999		1999
President, Graduate Student Association, Department of Ecology & Evol Bio, Cornell Univ 1998		1998
Polgar Fellowship, Hudson River Foundation 1995		1995
Honors undergraduate senior thesis, University California Santa Cruz		1995
National Science Foundation – Research Experience for Undergraduates (REU), Cary Institute 1994		1994

EXAMPLES OF RESEARCH IN THE NEWS

PBS News Hour: https://www.pbs.org/newshour/science/love-it-or-hate-it-winter-plays-an-important-role-heres-how-its-changing

NPR Science Friday: https://www.sciencefriday.com/segments/beech-leaf-disease/

NPR WBUR's Morning Edition: https://www.wbur.org/news/2023/10/24/beech-tree-disease-massachusetts

NPR WNYC, https://www.wnyc.org/story/how-climate-change-making-maple-syrup-less-sweet-and-sapping-production-ny-nj/

NPR WBUR, https://www.wbur.org/news/2021/04/07/faculty-air-travel-environment

 $NPR\ WGBH,\ \underline{https://www.wgbh.org/news/local-news/2020/09/08/western-mass-blaze-serves-as-reminder-of-states-rich-history-of-wildfire}$

 $NPR, \ \underline{www.npr.org/sections/thesalt/2018/12/07/673713824/not-so-sweet-climate-change-means-slow-growing-sugar-maples-study-finds}$

HBO Vice News Tonight, https://news.vice.com/story/forest-climate-change-simulation

CBS Boston Evening News, http://boston.cbslocal.com/2014/03/29/eye-on-weather-the-spring-forecast/

 $\pmb{\text{Car Talk,}} \underline{\text{www.cartalk.com/content/losing-winter-climate-change-will-hit-new-england-hard}\\$

 $Scientific\ American,\ \underline{http://www.scientificamerican.com/article.cfm?id=wired-forest-may-reveal-how-new-england-forests-respond-climate-change}$

GRADUATE STUDENTS AND POSTDOCS:

Primary Adviser for eleven Ph.D. students and two MS students. Mentor to eight visiting graduate students from Belgium, Mexico, Switzerland, Switzerland, Germany, Finland, and Japan. Mentor to five Postdoctoral fellows.

UNDERGRADUATE STUDENTS:

Mentor to more than 50 undergraduate research assistants and 25 students in Boston University's Undergraduate Research Opportunities Program (UROP), Summer Undergraduate Research Fellowship (SURF) and the National Science Foundation's Research Experience for Undergraduates (REU) program.

PUBLICATIONS SINCE 2020 (131 total; Google Scholar h-Index = 52; *Graduate Student; **Undergraduate)

- Bowser G, K Akamani, M Balgopal, JD Coley, ED Diaz-Clark, WC Funk, B Helmuth, S Henriques, N Grant-Hoffman, T Osborne, A Seshadri, **PH Templer**, MC Urban, K Waddell. 2025. Assessing nature: perceptions, knowledge, and gaps. Frontiers in Ecology & Environment 23:e2846.
- Cai Y, **PH Templer**, M Kobayashi. Unveiling responses of vascular plant performance and vegetation cover to shifting snow regimes: a meta-analysis. 2025. Climatic Change, in press.
- Caron S*, J Campbell, CT Driscoll, PGroffman, AB Reinmann, B Leonardi, L Rustad, G Wilson, **PH Templer**. 2025. Shallow snowpack and early snowmelt reduce nitrogen availability in the northern hardwood forest. Biogeochemistry, in press.
- Caron S*, A Bailey, N Cleavitt, C Driscoll, T Fahey, PM Groffman B Leonardi, L Rustad, G Wilson, **PH Templer**. 2025. Impacts of litter quality and climate on nitrogen oligotrophication in northern hardwood forests. Canadian Journal Forest Research, in press.
- Conrad-Rooney E*, C Avery, G Bowser, A Crimmins, T Francis, A Grade, P McElwee, **PH Templer**. 2025. Analysis of nature-related themes in U.S. Climate Assessments. Special Issue: Advancements in U.S. Climate Assessments. Climatic Change, in press.
- Conrad-Rooney E*, AB Reinmann. **PH Templer**. 2025. Declining winter snowpack offsets carbon storage enhancement from growing season warming in northern temperate forest ecosystems. Proceedings of the National Academies of Sciences, in press.
- Fahey TJ, NL Cleavitt, **PH Templer**, PM Groffman, AS Bailey, SB Caron*, G Wilson. 2025. Foliar resorption of beech and maple along an elevation gradient in a northern hardwood forest. Forest Ecosystems, in press.
- Meng L, A Pourmokhtarian, **PH Templer**, LR Hutyra, CT Driscoll. 2025. Simulations of historical impacts of climate change and atmospheric chemistry on a Northeastern U.S. forest ecosystem. Ecological Applications, in press.
- Meng L, A Pourmokhtarian, **PH Templer**, LR Hutyra, CT Driscoll. 2025. Response of a northeastern temperate forest to future scenarios of climate change and energy policies through the 21st century. Environmental Modeling and Software 190:106473.
- Possinger AR, CT Driscoll, M Green, TJ Fahey, C Johnson, MM Koppers, LD Martel, J Morse, **PH Templer**, A Uribe, GF Wilson, PM Groffman. 2025. Increasing soil respiration in a northern hardwood forest indicates symptoms of a changing carbon cycle. Communications Earth & Environment in press.
- Wilson G, PM Groffman, LD Martel. MB Green. CT Driscoll, J Durán, **PH Templer**, M Fisk. 2025. Changes in soil moisture and its relationships with nitrogen cycle processes in a northern hardwood forest. Canadian Journal Forest Research, in press.
- Contosta AR, KA Arndt, HM Baulch, NJ Casson, A Harpold, TL Morelli, APK Sirén, **PH Templer**. 2024. Threshold changes in winter temperature and precipitation drive threshold responses across nine global climate zones and associated biomes. Annual Review of Ecology, Evolution, and Systematics, in press.
- Gougherty SW*, **PH Templer**. 2024. Global patterns of nitrogen and phosphorus in reproductive and leaf litterfall. Ecosystems, in press.
- Nieland MA, P Lacy, SD Allison, JM Bhatnagar, D Doroski, SD Frey, K Greaney, SE Hobbie, SE Kuebbing, DB Lewis, M McDaniel, SS Perakis, SM Raciti, **PH Templer**, A Shaw, CD Sprunger, MS Strickland, LTA van Diepen, C Vietorisz, EB Ward, AD Keiser. Nitrogen deposition weakens coupled soil carbon and nitrogen dynamics across the continental United States, Global Change Biology, in press.
- Smith I*, **PH Templer**, L Hutyra. 2024. Water sources for street trees in mesic urban environments. Science of the Total Environment 908:168411.
- **Templer PH**, KF Atherton*, A Conrad-Rooney*, H Ho, LR Hutyra, CF Ianniello,* DR Kashian, JI Levy, D Meshoulam, MC Urban. 2024. Strengthening graduate education and addressing environmental challenges through solutions-oriented partnerships and interdisciplinary training. Sustainable Earth Reviews 7:3.
- Blake K**, **PH Templer**. 2023. Interacting effects of urbanization and climate on atmospheric deposition of phosphorus around the globe: a meta-analysis. Atmospheric Environment 309:119940.

- Bowser G, **PH Templer**, SS Ho, SA Green, S Hautzinger, I Zhu-Maguire, A Connaughton, L Dundon, D Husic, M Urban. 2023. Fierce urgency of now: integrating the youth voice at COP. Frontiers in Ecol & Environment 21:164-165.
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ACTIVE RESEARCH GRANT SUPPORT

- WM Keck Foundation. "Rules of Life in the Urban Biome." \$1,000,000 total. J Bhatnagar PI, J Geddes, L Hutyra, **PH Templer**, Co-Pls. 01/01/25-12/31/27).
- National Science Foundation. "Long-Term ecological research at the Hubbard Brook Experimental Forest." \$420,000 total to **PH Templer**, Co-PI; \$330,330 direct costs; \$86,664 indirect costs (03/01/23-02/28/29).
- National Science Foundation. "Climate Leaders Academy: A professional development opportunity in the Geosciences." \$301,317 total to **PH Templer**, Co-PI; \$182,616 direct costs; \$118,701 indirect costs (01/2023-12/31/2025)
- National Science Foundation. "Advancing public engagement with science across the Long-Term Ecological Research Network." \$635,157. Garlick, Pl. \$29,057 total to **PH Templer**, Co-Pl; \$23,061 direct costs; \$5,996 indirect costs (08/01/2022-07/31/2026).
- Department of Energy. "Linking root and soil microbial stress metabolism to watershed biogeochemistry under rapid year-round environmental change." Bhatnagar, Pl, **PH Templer**, Co-Pl. \$989,201 total; \$23,122 direct costs to Templer; \$15,029 indirect costs to Templer. (08/15/2021-08/14/2025)
- National Science Foundation. "Changing seasonality and declining nitrogen in the northern hardwood forest." \$538,487 to **PH Templer**, PI; \$\$435,662 direct costs; \$101,825 indirect costs (10/01/20-09/30/25).
- National Science Foundation. "RCN-UBE: Youth Environmental Alliance in Higher Education (YEAH)." \$50,000 total to **PH Templer**, Co-PI; \$39,682 direct costs; \$10,318 indirect costs (8/01/20-07/31/26).

Brookline High School, Honors Biology Classes, Brookline, MA June 2025 Boston College, Depts of Biology and Earth & Environmental Sciences, Chestnut Hill, MA April 2025 Aerodyne Research Inc, Billerica, MA February 2025 Brookline High School, Climate Science and Social Change Class, Brookline, MA November 2024 Boston University, Presidential Inauguration Research on Tap, Boston, MA September 2024 Boston University, Office Sponsored Programs Research Luncheon, Distinguished Speaker August 2024 Harvard University, Arnold Arboretum, DaRin Butz Internship Program June 2024 Boston University, Epsilon Eta Pre-Professional Environmental Fraternity, Boston, MA April 2024 Tennessee State University, Environmental Sciences Department February 2024 Brookline High School, Climate Leaders Class, Brookline, MA November 2023 Harvard University, Department of Organismic & Evolutionary Biology November 2023 Harvard University, Arnold Arboretum, DaRin Butz Internship Program **June 2023** Harvard University, Atmospheric Chemistry Group, Cambridge, MA February 2023 Brookline High School, AP Environmental Science Class, Brookline, MA December 2022 Williams College, Department of Biology, Williamstown, MA September 2022 Harvard University, Arnold Arboretum, DaRin Butz Internship Program July 2022 Northern Arizona University, EcoInformatics Seminar Series lanuary 2022 Massachusetts General Hospital Grand Rounds Webinar Series November 2021 Harvard Forest, Harvard University, Petersham, MA October 2021 Brookline High School, Environmental Science Class, Brookline, MA October 2021 City University of New York, Advanced Science Research Center, New York, NY September 2021 Harvard University, Arnold Arboretum, DaRin Butz Internship Program June 2021 Brandeis University National Committee, San Fernando Valley, CA Chapter May 2021 Williams College, Department of Biology, Williamstown, MA April 2021 Brookline High School, Environmental Science Class, Brookline, MA April 2021

INVITED CONFERENCE LECTURES AND PANELS SINCE 2021

eLTER Science Conference, Keynote Address, Tampere, Finland June 2025 American Geophysical Union Annual Meeting, Washington DC Dec 2024 NPR WBUR CitySpace, Choose Your Own Climate Disaster Panelist, Boston, MA April 2024 United Nations Conference of the Parties (COP28), Dubai, United Arab Emirates Dec 2023 Young Voices of Science (Virtual) March 2023 United Nations Conference of the Parties (COP27), Sharm El-Sheikh, Egypt Nov 2022 National Science Foundation Research Traineeship (NRT) Annual Meeting Oct 2022 Harvard Forest Symposium, Harvard Forest, Petersham, MA Oct 2022 Technical University of Madrid Environmental Leaders Program, Boston, MA July 2022 2022 Winter Biology Virtual Symposium (Virtual) June 2022 U.S. Congressional Briefing (Virtual) June 2022 Harvard Arnold Arboretum Annual Plant Biology Symposium, Boston, MA May 2022 Boston University Experiential Learning for Social Impact Summit, Boston, MA May 2022 Coolidge Corner Theatre - Science on Screen Series, Brookline, MA April 2022 Harvard Forest Symposium, Harvard Forest, Petersham, MA March 2022 Forests and Climate Science Briefing for the British Consulate (Virtual) March 2022 Ecological Society of America - COP26 Debrief January 2022 Climate Change & Health, Boston University Research on Tap, Boston, MA January 2022 October 2021 Road to COP26: Climate Negotiations (Virtual) Pushing Boundaries – Women Scientists at the Forefront of Comm Engaged Research October 2021 Ecological Society of America, Annual Meeting in Long Beach, CA (Virtual) August 2021 Greater Boston Area K12 Teacher Training August 2021 Climate Science Symposium, Brookline High School June 2021 Quincy, MA Public Library – Your Big Backyard - Quincy's Fabulous Trees Panel January 2021