

Nidhi Vinod

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41 South Brook Avenue

Harrisonburg, VA 22801



EDUCATION

- 2017-2020 **Eastern Mennonite University, Harrisonburg, VA**
B.S., Environment Sustainability Science, Department of Science
- 2013-2014 **James Madison University, Harrisonburg, VA**
Biology (Transferred to Eastern Mennonite University)
- 2010-2012 **Presidency Junior College, Bangalore, India**
Education Program for Advanced Sciences
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RESEARCH EXPERIENCE

- 2020-present **Forest Ecology and Ecophysiology: Seedling Mortality**
[Smithsonian Institute ForestGEO and Climate Lab Front Royal, VA](#)
Research Assistant for [Kristina Anderson-Teixeira](#)
- 2019-2020 **Drivers of volatile organic compounds (VOCs) in spruce species**
Eastern Mennonite University, Harrisonburg, VA
Research Assistant for Steve Cessna
- 2018-2020 **Floristic Survey of Plant Species in Bergton, VA**
Eastern Mennonite University Herbarium, Harrisonburg, VA
Research and Herbarium Assistant for Brinton Domangue
- 2019 **Park Woods Water Quality Testing**
Eastern Mennonite University, Harrisonburg, VA
Research Assistant for Doug Neufeld
- 2019 **Testing *E. coli* and Moisture Content in soils at proximity to Blacks Run**
Vine and Fig, Harrisonburg, VA
Independent Research Project
- 2019 **Park Woods Restoration Capstone**
Eastern Mennonite University, Harrisonburg, VA
Capstone Research Project
- 2018-2019 **Ethnobotanical Record Keeping**
[Blacks Run Forest Farm](#), Harrisonburg, VA
Ethnobotany Information Research Assistant and Grounds Tender
- 2018-2019 **Greenhouse and Peace Garden Restoration**
Eastern Mennonite University, Harrisonburg, VA
Greenhouse and Peace Garden Assistant Coordinator

2017-2018 **Natural History Museum**
Eastern Mennonite University, Harrisonburg, VA
Assistant Curator for James Yoder

AWARDS AND HONORS:

2019 **Dean's list for Fall 2019 Semester**
Eastern Mennonite University, Harrisonburg, VA
2019-2020 **Entrepreneurial Achievement Award**
Eastern Mennonite University, Harrisonburg, VA

PUBLICATIONS

Scientific Articles:

Vinod, N., Slot, M.J., Anderson-Teixeira, K.J. (in prep) Thermal sensitivity of canopy versus understory leaves: patterns, mechanisms, and ecological implications.

Domangue, B., **Vinod, N.**, Conley McMullen (in prep) Vascular Flora of Bergton and Criders, Virginia.

Data products:

Gonzalez-Akre, E., McGregor, I., Anderson-Teixeira, K., Terrell, A., Herrmann, V., Kim, A. Y., & Helcoski, **Vinod, N.**, (2020). SCBI-ForestGEO/SCBI-ForestGEO-Data: 2020 update (v.1.2). (in prep) Zenodo. <https://doi.org/10.5281/ZENODO.2649301>

COMMUNITY LEADERSHIP EXPERIENCE

2018-2020 **Founder, Soil Cycles, Harrisonburg, VA—**
Bicycle Powered Compostable Waste Collection Service.
Founder and Program Director
2019-2020 **Coordinator, Renew Rocktown Organization**
Harrisonburg, VA
Program Coordinator, Event Manager

Guest Speaker Engagements

February 2020 Eastern Mennonite University Composting Documentary
October 2019 World Climate Strike, 2019
August 2019 Integrated Science and Technology class
June 2019 James Madison University Arboretum Brown-Bag Talk
February 2019 Vine and Fig Ecology and Justice Organization
November 2018 Shenandoah Valley Bicycle Coalition monthly gathering
October 2018 Pale Fire, Understanding the dangers of Plastic in Albatrosses
October 2018 James Madison University Sustainability Festival

Media

May 30, 2020 Rally for Peace, Black Lives Matter
Feb, July, May 2019; WHSV Television News
March 27, 2019 James Madison University Breeze
May-June 2019 BioCycle: The Organics Recycling Authority; Featured Article
February 2, 2019 Daily News Record
February 2019 Eastern Mennonite University Website and Facebook
January 14, 2019 Weather Vane, Eastern Mennonite University's Student Newspaper article
January 14, 2019 Citizens Newspaper

CONFERENCE PARTICIPATION

August 1-7, 2020 Ecological Society Association Conference
July 27-30, 2020 Botany 2020 Virtual Conference
May 6-8, 2020 European Geological Union Conference
April 17, 2020 Cornell University's Annual Synapsis Symposium Conference
May 10-13, 2019 Community Composting Conference, New York

SKILLS:

-R Software	-Gas Chromatography; Clustvis software
-Nitrate and phosphate analysis in water.	-Graphic Design; Website Design;
-Scientific data and workflow management using GitHub	-Botanical Illustration
-Lingual translation	-Geographic Information Systems (GIS)
	-Solo international travel (12 countries)

Languages: Proficient: English; Spanish; Native: Telegu; Kannada; Hindi

VOLUNTEER WORK

Volunteered as a tutor in Panama; as a muralist in Mexico City; librarian, restaurant manager in Antigua, Guatemala; at ARCAS conservation, Guatemala; assistant to entomologist Jean Michelle, Granada, Nicaragua.

REFERENCES:

Kristina J. Anderson-Teixeira, PhD

Ecologist, Leader of ForestGEO Ecosystems & Climate Program
Smithsonian Institution, Smithsonian Conservation Biology Institute
CTFS-ForestGEO Ecosystems & Climate Program, [Lab Website](#)
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Steve Cessna, PhD

Professor of Biochemistry, Daniel B. Suter Endowed Chair
SSC 026H, Eastern Mennonite University, VA Harrisonburg
(540) 432-4403, cessnas@emu.edu

Matt Siderhurst, PhD

Professor of Chemistry
Eastern Mennonite University
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(540) 432-4382, matthew.siderhurst@emu.edu