Theodora Vasquez-Lind

Associate Professor of Environmental Science
Madison, WI · theodora.vasquezlind@example.com · (608) 555-0137 · LinkedIn · Google Scholar

SUMMARY

Associate professor of environmental science with 9 years on faculty, teaching 4 courses a year to about 300 undergraduates and running a watershed hydrology lab of 6 graduate students. Principal investigator on $1.4M in federal and state grants, author of 22 peer-reviewed articles, and chair of the department's curriculum committee.

EXPERIENCE

Associate Professor of Environmental Science — Lakeshore State University

Madison, WI · Aug 2021 – Present

- Teach 4 courses a year, including a 180-student introductory hydrology lecture, with average student evaluations of 4.6 out of 5 over 6 semesters.
- Principal investigator on a $780,000 NSF award studying nitrate runoff in 3 agricultural watersheds, managing a budget, 2 technicians and a 5-year sampling plan.
- Published 9 peer-reviewed articles since promotion, 4 with graduate student first authors.
- Chair the curriculum committee that rewrote the B.S. program's 12 learning outcomes for regional accreditation, passed with no required changes.

Assistant Professor of Environmental Science — Lakeshore State University

Madison, WI · Aug 2016 – Jul 2021

- Designed 3 new courses, including a field methods course that now runs every summer with 24 students and a waitlist.
- Secured $410,000 from the state Department of Natural Resources for stream monitoring, funding 2 master's students.
- Supervised 4 master's theses and 11 undergraduate research projects, with 7 students presenting at national meetings.

SKILLS

Teaching: Large-lecture design, field and lab courses, active learning, Canvas, course assessment for accreditation

Research: Watershed hydrology, water quality sampling, R and Python for time-series analysis, GIS (ArcGIS Pro)

Grants and administration: NSF and state agency proposals, budget management, IRB and lab safety compliance, hiring technicians

Service: Curriculum committee chair, peer review for 5 journals, community science partnerships

EDUCATION

Ph.D. Environmental Engineering, University of Minnesota, 2014

B.S. Geology, Colorado State University, 2008

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