



Cassandra Volpe Horii

Associate Vice Provost for Education and Director of CTL, CTL Program Support

Bio

BIO

Cassandra Volpe Horii, Ph.D., serves as the associate vice provost for education and director of the Center for Teaching and Learning at Stanford University. Before joining Stanford in February 2022, Horii served as the assistant vice provost and founding director of the Center for Teaching, Learning, and Outreach at Caltech, where she led efforts to advance and support inclusive, evidence-based teaching across disciplines. She was a founding member of the National Academies Roundtable on Systemic Change in Undergraduate STEM Education from 2018 to 2024, and served as president of the POD Network in Higher Education in 2018-19. Her prior institutional roles have included inaugural dean of the faculty at Curry College in Milton, MA, where she created the Faculty Center, and associate director of the Derek Bok Center for Teaching and Learning at Harvard University.

As a first-generation student in higher education, Horii earned a bachelor's degree in physics from the University of Colorado at Boulder and a doctorate in atmospheric chemistry in the Department of Earth and Planetary Science from Harvard University. She has taught undergraduate and graduate-level courses on university teaching and learning in STEM, atmospheric science, environmental chemistry, expository writing, and sustainability. Her scholarship has addressed topics such as the roles of centers for teaching and learning in institutional change and accreditation, the experiences of faculty with disabilities, inclusive and equity-minded teaching and mentoring, educational spaces and technologies, teaching consultation methods, and projects related to writing and visual rhetoric in higher education.

LINKS

- Stanford Center for Teaching and Learning: <https://ctl.stanford.edu>
- Vice Provost for Undergraduate Education (VPUE): <https://undergrad.stanford.edu/about/contact-us>
- Vice Provost for Graduate Education (VPGE): <https://vpge.stanford.edu/partners>

Publications

PUBLICATIONS

- **LEVERS for CHANGE 2023: Enacting a National Agenda for Undergraduate STEM Education**
Smith, D., Finkelstein, N., Horii, C. V., Miller, E., York, T.
American Association for the Advancement of Science.
2024
- **An Instructional-Workforce Framework for Coordinated Change in Undergraduate Education** *Change: The Magazine of Higher Learning*
Lee, M., Horii, C. V., Austin, A. E., Avery, L., DeSanctis, M., Finkelstein, N., Miller, E., Schaal, B.
2023; 55 (1)
- **What Teaching Looks Like: Higher Education through Photographs**

Horii, C. V., Springborg, M.
Elon University Center for Engaged Learning.2022

- **A systematic review of research on faculty with disabilities** *Journal of the Professoriate*
Friedensen, R. E., Horii, C. V., Kimball, E., Lisi, B., Miller, R. A., Siddiqui, S., Thoma, H., Weaver, J. E., Woodman, A.
2021; 12 (2)
- **Leveraging Centers for Teaching and Learning in#Accreditation#Review#and Quality Assurance Processes** *POD Speaks*
Sacks, D., Payette, P., Ellis, D., Horii, C. V.
2021; 4
- **Wise Instructional Choices in an Evidence-driven Era**
Horii, C. V.
NEA Higher Education Advocate.
2018 ; Thriving in Academe 6-9
- **Toward a New Creative Scholarship of Educational Development: The Teaching and Learning Project and an Opening to Discourse** *To Improve the Academy*
Springborg, M., Horii, C. V.
2016; 35 (2): 197-221
- **Clinical Group Supervision in Yoga Therapy: Model, Effects, and Lessons Learned** *International Journal of Yoga Therapy*
Forbes, B., Horii, C. V., Earls, B., Mashek, S., Akhtar, F.
2012; 22: 61-78
- **Transforming Departmental Teaching Culture: Doctoral Students as Agents and Beneficiaries of Change** *To Improve the Academy*
Horii, C. V.
2010; 28: 359-378
- **Teaching insights from adult learning theory** *JOURNAL OF VETERINARY MEDICAL EDUCATION*
Horii, C.
2007; 34 (4): 369-376
- **Atmospheric reactive nitrogen concentration and flux budgets at a Northeastern US forest site** *AGRICULTURAL AND FOREST METEOROLOGY*
Horii, C., Munger, J., Wofsy, S. C., Zahniser, M., Nelson, D., McManus, J.
2006; 136 (3-4): 159-174
- **Fluxes of nitrogen oxides over a temperate deciduous forest** *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES*
Horii, C. V., Munger, J. W., Wofsy, S. C., Zahniser, M., Nelson, D., McManus, J. B.
2004; 109 (D8)
- **Measurement of tropospheric OH by long-path laser absorption at Fritz Peak Observatory, Colorado, during the OH Photochemistry Experiment, Fall 1993** *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES*
Mount, G. H., Brault, J. W., Johnston, P. V., Marovich, E., Jakoubek, R. O., Volpe, C. J., Harder, J., Olson, J.
1997; 102 (D5): 6393-6413
- **Meteorological overview of the 1993 OH photochemistry experiment** *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES*
Olson, J. A., Baumann, K., Volpe, C. J., Harder, J. W., Williams, E. J., Mount, G. H.
1997; 102 (D5): 6187-6197

PRESENTATIONS

- Podcast Interviews