

Name: Jeffrey Gerwing
Title: Associate Professor and Coordinator of University Studies
Program Sophomore Inquiry & Upper-division Cluster
courses
Campus Address: CH 117
Campus Phone: 503 725 4482
Email: jgerwing@pdx.edu



Education: 2001 Ph.D, Ecology, Pennsylvania State University
1993 M.S., Botany, University of Florida
1989 B.S., Botany and Environmental Studies, University of Wisconsin - Madison

Major Fields: Forest ecology and management, especially: ecosystem services, water quality, biodiversity conservation, timber production, and recreation. Sustainability education with an emphasis incorporating student learning outcomes for sustainability into general education courses.

Courses: Natural Science Inquiry (Sophomore Inquiry), Sustainability (Freshman Inquiry), Investigating Forest Ecosystems, Biology Concepts and Applications.

Recent Publications:

- Allen, J., Gerwing, J., & McBride, L. (*in preparation*). Building capacity for sustainability through curricular and faculty development: A learning outcomes approach. *Metropolitan Universities*.
- DeWalt, S., Schnitzer, S., Chave, J., Bongers, F., Burnham, R., Cai, Z., Chuyong, G., Clark, D., Ewango, C., Gerwing, J., Gortaire, E., Hart, T., et.al. (*In Press*) Annual Rainfall and Seasonality Predict Pan-tropical Patterns of Liana Density and Basal Area. *Biotropica*.
- Gerwing, J., McConnell, D., Stearns, D., & S. Adair. (2007). Critical thinking for civic thinking in science. *Academic Exchange Quarterly* 11 (3): 160 - 164.
- Gerwing, J., S. Schnitzer, R. Burnham, F. Bongers, J. Chave, S. DeWalt, C. Ewango, R. Foster, D. Kenfack, M. Martinez-Ramos, M. Parren, N. Parthasarathy, D. Pérez-Salicrup, F. Putz, & D. Thomas. (2006). A standard protocol for liana censuses. *Biotropica* 38:256-261.
- Gerwing, J. (2006). The influence of reproductive traits on liana abundance ten years after conventional and reduced-impacts logging in the eastern Brazilian Amazon. *Forest Ecology and Management* 221:83-90.
- Gerwing, J. & E. Vidal. (2005). Manejo de cipós na Amazônia (Management of lianas in Amazonia). *Ciência Hoje* 37:66-69.

Recent Research Grants:

- Gerwing, J. & S. Jhaj. 2009. Mapping and expanding sustainability course offerings in the University Studies Curriculum. PSU, Center for Sustainable Processes and Practices, \$42,372.
- Gerwing, J. 2007. Collaborative Research: Critical Thinking for Civic Thinking in Science. National Science Foundation, Division of Undergraduate Education, \$31,700.

Professional Activities & Awards:

- Member, Clackamas Stewardship Partners, Oregon City, OR 2006 - present.
- Facilitator. Liquefied Natural Gas Panel, Sunnybrook Service Center, Clackamas, OR. July 31, 2008.
- Recipient, "Two Chiefs' Partnership Award" from the Natural Resources Conservation Service and U.S. Forest Service in recognition of excellence in collaboration to foster conservation and forest stewardship. November, 2007.
- Reviewer for peer-reviewed publications including: *Biotropica*, *Forest Ecology and Management*, *Ecology*, & *Environmental conservation*.