

BIOLOGY

REFEREED PUBLICATIONS

- Mendenhall, C.L., Finkelman, F., Means, R.T., Sherman, K.E., Nguyen, V.T., **Grossman, C.J.**, Morris, S.C., Rouster, S., & Roselle, G.A. (1999). Cytokine response to BCG infection in alcohol-fed mice. Alcohol, *19*(1), 57-63.
- X, Li, **Grossman, C.J.**, Mendenhall, C.L., Hurtubise, P., Rouster, S.D., Roselle, G.A., & Gartside, P. (1998). Host response to mycobacterial infection in the alcoholic rat: male and female dimorphism. Alcohol, *16*(3), 207-212.
- Mendenhall, C.L., Theus, S.A., Roselle, G.A., **Grossman, C.J.**, Rouster, S.D. (1997). Biphasic in vivo immune function after low - verses high-dose alcohol consumption. Alcohol, *14*, 255-260.
- Hedeem, S.** (2000). Influence of topography on local distributions of *Plethodon cinereus* and *P. richmondi* (Plethodontidae in northern Kentucky and southwestern Ohio. Journal of the Kentucky Academy of Science, *61*, 6-9.
- Hedeem, S.** (2000). Small salamanders inhabit hillside forests. Outlook *18*(2), 4.
- Hedeem, S.** (1999). Railway-aided dispersal of an introduced *Podarcis muralis* population. Herpetological Review, *30*, 57-58.
- Hedeem, S.** (1998). Waterproofing the Mill Creek flood plain. Queen City Heritage, *56*, 15-24.
- Haden, D. & **Haden, S.** (1998). *Diadophis punctatus* (ringneck snake) predation. Herpetological Review, *29*, 103.
- Hedeem, D. & **Hedeem, S.** (1998). Winter-bird communities in a Western Mesophytic forest and two proximate urban habitats. Journal of the Kentucky Academy of Science, *59*, 168-173.
- Dumas, T., McLaughlin, J., Ho, D., **Meier, T.J.**, & Sapolsky, R.M. (1999). Delivery of herpes simplex virus amplicon-based vectors to the dentate gyrus does not alter hippocampal synaptic transmission in vivo. Gene Therapy, *6*, 1679-1684.
- Meier, T.J.**, Monje, M.L., & Sapolsky, R.M. (1999). Calbindin overexpression buffers hippocampal metabolism from the disruptive effects of glutamate exposure. Abstracts - Society for Neuroscience, *25*, 1086.
- Phillips, R.G., **Meier, T.J.**, Giuli, L.C., McLaughlin, J.R., Ho, D.Y., & Sapolsky, R.M. (1999). Calbindin D28K gene transfer via herpes simplex virus amplicon vector decreases hippocampal damage in vivo following neurotoxic insults. Journal of Neurochemistry *73*, 1200-5.

- Phillips, R.G., Giuli, L.C., **Meier, T.J.**, & Sapolsky, R.M. (1999). Calbindin D-28k gene transfer 30 min or 1 hour after excitotoxic insult decreases hippocampal damage in vivo. Abstracts - Society for Neuroscience, 25, 1086.
- Van den Pol, A.N., Mocarski, E., Saederup, N., Vieira, J., & **Meier, T.J.** (1999). Cytomegalovirus cell tropism, replication, and gene transfer in brain. Journal of Neuroscience 19, 10948-10965.
- Yenari, M.A., Minami, M., Sun, G.H., **Meier, T.J.**, Ho, D.Y., Sapolsky, R.M., & Steinberg, G.K. (1999). Calbindin D28k overexpression attenuates neuron death following transient focal cerebral ischemia. Abstracts - Society for Neuroscience, 25, 2101.
- Yenari, M.A., Minami, M., Sun, G.H., **Meier, T.J.**, Ho, D.Y., Sapolsky, R.M., & Steinberg, G.K. (1999). Calbindin D28K overexpression using gene transfer therapy improves striatal neuron survival following transient focal cerebral ischemia. Annals of Neurology, 46(3), 479.

BOOKS

- Baumiller, R.C.** (1998). On being a medical geneticist in the Post 34 General Congregation era. In M.R. Tripole, S.J. (Ed.), Promise Renewed, Jesuit Higher Education for a New Millennium, (pp. 223-229). Chicago, IL: Jesuit Way.

PRESENTATIONS AT ACADEMIC CONFERENCES

- Nichols, J., Warren, N., **Baumiller, R.C.**, & Lovell, A. (1998). College 22 students perspectives on the use of advances in genetic technology. Paper presented at the National Society Genetic Counselors Education Conference, Denver, CO.
- Baumiller, R.C.** (1998). Companions in health care 1998: Transitions. Paper presented at the National Jesuit Health Care Conference, Boston, MA.
- Hedeon, S.** (2000). Computer access to environmental websites. Paper presented at the Greater Cincinnati Environmental Educators Conference, Cincinnati, OH.
- Hedeon, S.** (2000). Nature as hell. Paper presented at the Union Institute Seminar on the Environment, Cincinnati, OH.

- Laine, P.S., & Geer, C.J.** (2002). Inquiry and technology in a non-majors biology laboratory. Policy, Research, Practice: Creating a Voice for the Profession. Presented at the Annual International National Association of Research in Science Teaching, New Orleans, LA.
- Laine, P.S.** (2000). Technology and inquiry in a biology laboratory for non-major. Paper presented at the Ohio Learning Network Conference, Columbus, OH.
- Laine, P.S., & Finke, L.** (1999). Reshaping undergraduate science and engineering education: Tools for better learning. Paper presented at the Sigma XI Forum, Minneapolis, MN.
- Yenari, M.A., Minami, M., Sun, G.H., **Meier, T.J.**, Ho, D.Y., Sapolsky, R.M., & Steinberg, G.K. (1999). Gene transfer therapy with overexpression of the calcium binding protein, calbindin D28K, is neuroprotective against experimental stroke. Paper presented at the Congress of Neurological Surgeons, 49th Annual Meeting Program, 49:141.

PROCEEDINGS

- Laine, P.S. & Heath, L.J.** (2000). Introducing inquiry in a biology lab for non-majors. ABLE Proceedings, 22.
- Laine, P.S. & Heath, L.J.** (1999). An introduction to inquiry: A guided inquiry experience. Sigma XI Forum Proceedings, 130-131. Minneapolis, MN

OTHER

- Baumiller, R.C.** (1998). A case for strong paternalism? Great Lakes Regional Genetics Group, 6(4), 2-3.
- Baumiller, R.C.** (1998). Cloning and the Church. Wyoming Presbyterian Church. Cincinnati, OH.
- Grossman, C.J.** (1999). Immunological effects. In: Committee on Hormonally Active Agents in the Environment. Board on Environmental Studies and Toxicology, Commission on Life Sciences, National Research Council, National Academy Press, Washington, D.C.
- Hedeon, S.** (2002). Parkland management for the declining American Woodcock, and Appendix.
- Hedeon, S.** (2002). Children's home forest. Children's Home of Cincinnati, Cincinnati, OH.

- Hedeem, S.** (2002). The unnatural history of the Mill Creek. Presented at the West Chester Historical Society, Cincinnati, OH.
- Hedeem, S.** (2002). Restoration ecology on urban waterways. Presented at the Ohio chapter of the Society for Ecological Restorations.
- Hedeem, S.** (2002). Animals in urban environments. Presented at the Cincinnati Museum Center, Cincinnati, OH.
- Hedeem, S.** (2002). The history of Cincinnati's slopes. Presented at the Hillside Trust Annual Meeting, Cincinnati, OH.
- Hedeem, S.** (2002). The once and future Mill Creek. Presented at the Cincinnati College Club, Cincinnati, OH.
- Hedeem, S., Miller, M. and Brand, G.** (2001). Bridge to ruin, highway to destruction: the threatened future of the Little Miami National Wild and Scenic River. 16pp. Sierra Club.
- Hedeem, S.** (2001). Proposed state nature preserves: old growth forests in Ault Park, Caldwell Preserve, and California Woods. 7pp. Cincinnati Park Board. Cincinnati, OH.
- Hedeem, S.** (2001). The Ridge and Valley Interpretive Trail at Ault Park. 1pp. Cincinnati, OH.
- Hedeem, S.** (2000). Preglacial Ohio River Valley interpretive sign at Ault Park, Cincinnati, OH.
- Hedeem, S.** (2000). Overview of environmental issues related to hosting the Olympics. Cincinnati 2012, 6pp. Cincinnati, OH.
- Hedeem, S.** (1999). Ecological effects of a lake at Camp Friedlander, a presentation at the Ohio Environmental Protection Agency, Milford, OH.
- Hedeem, S.** (1999). Guide to the Ault Park tree trail, 2nd ed. Cincinnati Park Board, Cincinnati, OH.
- Hedeem, S.** (1998). Endangered and extinct species. Paper presented at the Hamilton County Environmental Priorities Project Green and Gold Conference, Cincinnati, OH.
- Hedeem, S.** (1998). Restoration of the Mill Creek. Paper presented at the Wilmington College Environmental Seminar Series.
- Hedeem, S.** (1998). Mill Creek watershed greenway system trails, Mill Creek Watershed Council, Cincinnati, OH.
- Hedeem, D., & Hedeem, S.** (1998). Hillside forests are native bird refuges. Outlook, 16(2), 1-3.
- Hedeem, S.** (1998). Trailside: Cincinnati's nature center, Cincinnati Park Board, Cincinnati, OH.
- Hedeem, S.** (1998). Matter, energy, and life, a five-session seminar at Mayerson Academy for Human Resource Development, Cincinnati, OH.
- Hedeem, S.** (1998). Mill Creek: habitat and water quality, a presentation at the Audubon Society of Ohio, Cincinnati, OH.

- Hedeem, S.** (1998). Caring for the watershed, a presentation at the Greater Cincinnati Master Gardeners Association, Cincinnati, OH.
- Hedeem, S.** (1998). Watershed issues. Paper presented at the Cincinnati Bar Association Current Issues in Environmental Law Seminar, Cincinnati, OH.
- Laine, P.S.** (2002). Use of instructional technology as an integral part of a non-major science laboratory course. *Journal Interactive Online Learning*.
- Laine, P.S., & Heath, L.J.** (2002). *Discovering Life Science*. Pearson Custom Publishing Co., Boston, MA.
- Laine, P.S., & Heath, L.J.** (2002). Making a major curriculum change in a multi-section, multi-instructor course. Labstract.
- Laine, P.S.** (2002). Introducing PBL and technology into your classroom. PBL2002: A Pathway to Better Learning, University of Delaware, Newark, DE.
- Laine, P.S., & Geer, C.J.** (2002). Inquiry and technology in a non-majors biology laboratory. Policy, Teaeach, Practice: Creating a Voice for the Profession. NARST Annual International Conference.
- Laine, P.S.** (2002). Integrating technology and inquiry into a biology laboratory for undergraduates. Syllabus Conference.
- Laine, P.S.** (2001) Lecture and discussion. Syllabus education technology conference. Fall 2001.
- Laine, P.S.** (2001). Workshop at NSTA, National Science Teachers Association, Midwestern area.
- Laine, P.S.** (2001). Non-majors biology lab: A new model. Presented at Strategies For Success workshop, a Benjamin Cummings-sponsored event. Lansing, MI.
- Laine, P.S.** (2001). Workshop at Project Kaleidoscope.
- Laine, P.S.** (2001). Workshop at ABLE, American Biological Laboratory Educators, Univ. of Chicago.
- Laine, P.S.** (2001). Lecture, Ohio Academy of Science.
- Laine, P.S.** (2000). Non-majors biology lab: A new model. Presented at Strategies For Success workshop, a Benjamin Cummings-sponsored event. Columbus, OH.
- Laine, P.S.** (2000). Technology and inquiry in a biology laboratory for non-majors. Presented lecture at Ohio Learning Network.
- Laine, P.S.** (2000). Discovering life science. Conducted a workshop to train the Faculty members of the Biology department who were assigned to teach section(s) of the new laboratory, Xavier University, Cincinnati, OH.
- Laine, P.S.** (2000). Introducing inquiry in a biology laboratory for non-majors. Presented workshop at ABLE Clemson University, Clemson, SC.
- Laine, P.S.** (2000). Understanding teaching and learning styles. Attended seminars for faculty at Xavier University, Cincinnati, OH.

- Laine, P.S.** (2000). Helping our students to improve their writing. Participated in Faculty Roundtable Discussion series at Xavier University, Cincinnati, OH.
- Laine, P.S.** (2000). Reviewed three chapters in textbook *Explore Life*, for Harcourt College Publishers.
- Laine, P.S.** (2000). Introduction inquiry in a biology laboratory for non-majors. Workshop presented at ABLE.
- Laine, P.S. & Heath, L.J.** (2000). A multimedia electronic lab. Syllabus, October 2000, 52-53.
- Laine, P. S. & Heath, L.J.** (2000). Technology in a biology laboratory for non-majors, Grapevine Magazine, 1(5).
- Laine, P.S.** (1999). Winning in Math and Science. Presentation for Mt. Healthy City Schools, Cincinnati, OH.
- Laine, P.S.** (1999). How to improve student writing. Attended seminar for the faculty at Xavier University, Cincinnati, OH.
- Laine, P.S.** (1999). Participated in Faculty Roundtable Discussion series at Xavier University, Classroom Assessment, Cincinnati, OH.
- Laine, P.S.** (1999). Inquiry. Presented poster session at Sigma Xi Education Forum.
- Laine, P.S.** (1998-1999). Science inquiry and standards. Presented several seminars for the Principal Leadership Seminar series sponsored by Ohio's Systemic Initiative (OSI) Discovery.
- Laine, P.S.** (1998). Participated in a Spring semester forum through Project Sustain sponsored by the Center for Mathematics and Science Education at Miami University, Oxford, OH.
- Laine, P.S.** (1998). Inquiry. Presented workshop to introduce inquiry to the Boys & Girls Club staff in preparation for their use of Dragonfly Magazine.
- Laine, P.S.** (1998-2000). Reviewed science educational materials and projects for Horizon Research, Inc. (TMAT) and The Urban Institute.
- Laine, P.S.** (1998). Science enquiry and standards. Paper presented at the Principal's Professional Development Institute: New Leadership for New Pedagogy. Mayerson Academy, Cincinnati, OH.
- Laine, P.S.** (1998). An exemplary lesson in science. Inquiry activity and talk presented at the Principal Leadership Seminar. Fawcett Center, Ohio State University, Columbus, OH.
- Paulding, W.R., et. al.** (2002). Regulation of gene expression for neurotransmitters during adaptation to hypoxia in oxygen sensitive neuroendocrine cells. *Microsa Res Tech.*
- Paulding, W.R., et. al.** (2002). Endogenous von Hippel-Lindau tumor suppressor protein regulates catecholaminergic phenotype in PC 12 cells. *Cancer Res.*