

**CURRICULUM VITAE:
Terry D. Lahm, Ph.D.**

Interim Provost and
Interim Vice President for Academic and Student Affairs
Professor of Geology & Environmental Science
Capital University
1 College and Main
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EDUCATION

Ph.D.	The Ohio State University (Geology/Hydrogeology)	1997
M.S.	The Ohio State University (Geology/Hydrogeology)	1993
B.A.	College of Wooster (Geology with Honors)	1989

PROFESSIONAL EXPERIENCE

Capital University	Interim Provost and Interim Vice President for Academic and Student Affairs	2016-present
	Associate Provost & Associate Vice President for Academic and Student Affairs	2011-2016
	Assistant Dean, School of Natural Sciences, Nursing and Health	2008-2011
	Department Chair, Biological and Environmental Sciences	2007-2008
	Professor of Geology and Environmental Sciences	2008-present
	Co-director of the Center for Computational Studies	2006-2008
	Associate Professor of Geology and Environmental Sciences	2003-2008
	Coordinator of Environmental Science Program	1997-2008
	Associate Director of the Center for Computational Studies	2003-2006
	Assistant Professor of Geology and Environmental Sciences	1997-2003
College of Wooster	Adjunct Faculty of Geology	1996-1997
Ohio State University	Instructor of Geological Sciences	1995
	Graduate Research & Teaching Assistant	1990-1993, 1994-1996
National Ground Water Association	Professional Hydrogeology Short Course Assistant	1991-1997
E.S. Bair, Inc.	Consultant Hydrogeologist	1993-1997

Parsons Engineering-Science
Geologist, Cleveland, Ohio

1989-1990

ADMINISTRATIVE RECORD

*Associate Provost and Associate Vice President for Academic
and Student Affairs, Capital University*

2011-2016

Responsibilities of this position include leadership of faculty and staff in academic and student affairs division under the direction of the Provost. Some of these responsibilities and activities include:

- Ongoing review and monitoring of budget expenses within academic and student affairs
- Leading and implementation of academic program review process
- Development of departmental dashboards used in program reviews including interpretation of Delaware Cost Study, instructional costs, efficiency and effectiveness
- Ongoing evolution and monitoring of Key Performance Metrics (KPMs) including the use of NSSE results and high impact practices as monitor variables
- Leadership and implementation of assessment of student learning outcomes across the college at the departmental level
- Development of the office of Institutional Effectiveness to institutionalize practices and decision making
- Compliance to regulation and rules for higher education at federal and state levels
- Oversight of Higher Learning Commission (HLC) accreditation process, arguments and evidence for regional accreditation
- Oversight of renovation 2012 renovation of two floors of the Blackmore Library
- Oversight of planning and construction of the Convergent Media Center (CMC)
- Oversight of upgrade of classroom spaces and technology upgrades within instructional spaces
- Leadership of new program development and reauthorization from the Ohio Department of Higher Education and oversight of National Council for State Authorization Reciprocity Agreements
- Management of library staff and operations
- Oversight of faculty development efforts and new faculty orientations
- Management of the redesign of the honors program to incorporate high impact practices
- Development of the Director for Undergraduate Scholarship and management of the Boyd, Bruning award, CHIP grants, and summer scholars program to support undergraduate scholarship and high impact practices

*Assistant Dean, School of Natural Sciences, Nursing and Health
Capital University*

2008-2011

Responsibilities of this position include leadership of faculty and staff in academic and student affairs division under the direction of the Dean. Some of these responsibilities and activities include:

- Management of department chairs and faculty in nursing, biological and environmental sciences, chemistry and biochemistry, mathematics, computer science, and physics, along with health and sport sciences
- Review faculty annual reports and support promotion and tenure process

- Oversight and stewardship of budgets within nursing, natural sciences, mathematics, and health and sport sciences departments
- Measure, monitor and evaluate curricular efficacy and efficiency
- Development business processes and communication procedures for the college

SHORT COURSES AND WORKSHOPS

- CUR, *Council on Undergraduate Research*, 2005, Institutionalizing Undergraduate Research, three day workshop at Harvey Mudd College.
- GSA, *Geological Society of America*, 2005, Springs Inventory and Classification Short-Course and Field Trip, one-day short course; Northern Arizona University.
- NCSI, *National Computational Science Institute*, 2002, Introduction to Computational Science Modeling and Simulation in the Undergraduate Environment, five day workshop, Ohio Supercomputer Center.
- Project TIMS, *Teaching in Math and Science*, 2002, Assessment of Teaching and Learning in Math and Science, one day workshop; University of Akron.
- USDA & Keck Geology Consortium, 2001, Soils and the Undergraduate Geology Curriculum Workshop, three-day workshop.
- NSF, *National Science Foundation*, 2001, Chautauqua Short Course, Ecological Communities and Geological Features of the Colorado Western Slope, five day short course in Colorado and Utah.
- ESRI, *Environmental Systems Research Institute*, 1999, Short Course, Using ArcView Extensions in Geoscience Education, one day workshop in Utah.
- CUR, *Council on Undergraduate Research*, 1999, Workshop, Undergraduate Research Opportunities at CUR national meeting, Wooster, Ohio.

GRANTS and AWARDS

- 2014 American Electric Power, Contributor with Anderson, C., W. Clark, J. Hemmingsen, T. Lahm. Extending Capacity and Undergraduate Research in STEM through Scientific Equipment, \$50,000.
- 2013 eSTEM Academy, Reynoldsburg City Schools, Contributor with Anderson, C., W. Clark, J. Hemmingsen, T. Lahm, \$24,554.
- 2012 Ülkü, A., Karkowski, A. M., & Lahm, T. On interdisciplinary undergraduate research (IGUR): What next? \$1,500 Capital University Gerhold Award.
- 2006 National Science Foundation – CCLI grant, PI, co-PIs., Karkowski, A. M., Hemkin, S., Mueller, G., & Vakalis, I. Development and dissemination of computational science educational materials and curricula at the undergraduate level, January 2007 to December 2010, \$480,020 grant funded by the National Science Foundation.
- 2005 Capital University, PI, Gerhold Grant, Expanding the Use of Geographic Information Systems in Undergraduate Curriculum, \$1,575.
- 2004 Capital University, co-PI, Use of an Ion Chromatograph to Establish Community-Centered Environmental Research Projects \$8,000 funded by the Capital University Skunkworks.
- 2004 Capital University, co-PI, Epistimi - Capital University's Journal of Undergraduate Research, \$4,000.
- 2003 Capital University, co-PI, Summer Undergraduate Research Fellowships, \$8,000 funded by the Capital University Skunkworks.
- 2003 Capital University, Gerhold Grant, co-PI, Initiating an Interdisciplinary Project for

- Undergraduate Research, \$3,650.
- 2002 W.M. Keck Foundation, co-PI, Keck Undergraduate Computational Science Educational Consortium (KUCSEC), 6/1/02 - 6/1/04, \$400,000.
- 2002 Capital University, Course Development Grant, \$440.
- 2001 Department of Energy, Energy-Related Laboratory Equipment (ERLE) grant for groundwater flow meter, \$10,625 value.
- 2000 National Science Foundation -CCLI Grant 9952806, co-PI, Computational Science Across The Curriculum, 6/1/00 - 6/1/03, \$396,075 .
- 1999 Capital University, Course Development Grant, \$400.
- 1998 Capital University, Course Development Grant, \$400.
- 1997 Ohio State University, Spieker Book Award, Excellence in Geological Research at the Ph.D. Level.
- 1996 Ohio State University, Presidential Fellowship, \$15,000.
- 1996 Geological Society of America, Graduate Research Grant for Ph.D. research, \$1,500.
- 1993 Ohio State University, Bownocker Fellowship, \$15,000.
- 1992 Ohio State University, Teaching Assistant Award.
- 1989 R.W. McDowell Prize, Highest Senior Standing in Geology, College of Wooster.
- 1989 Keck Geology Award for Excellence in Research, Keck Geology Consortium.
- 1988 Karl Ver Steeg Award, Highest Junior Standing in Geology, College of Wooster.

PROFESSIONAL AFFILIATIONS

American Geophysical Union - Hydrology Section
Council of Undergraduate Research - Geology Division Councilor 2005-2010
Geological Society of America - Hydrogeology Division
National Association of Geoscience Teachers
National Ground Water Association - Association of Ground Water Scientists and Engineers
Project Kaleidoscope - F21 Member
Sigma Xi - Scientific Research Society

SELECTED PROFESSIONAL SERVICE

City of Columbus, Board of Wellfield Protection Appeals, 2011-present
Association of American Colleges and Universities (AAC&U), Ohio Project Kaleidoscope (PKAL), Treasurer 2014-15, Conference Chair 2015-16, Board Member 2013-present
Council on Undergraduate Research (CUR), Geoscience Councilor, Meetings Committee: 2005-2007, Finance Committee: 2007-2010
Friends of Alum Creek, Action Planning Committee: 2002-2006, Dam Removal Advisory Board: 2006-2007

SELECTED ADMINISTRATIVE SERVICE – CAPITAL UNIVERSITY

President's Cabinet, 2011-present
Provost Council, 2011-2015
Deans Council, 2008-2015
Board of Trustees, Academic Affairs Committee, 2011-present, Technology Committee, 2011-present
Administrative Liaison to faculty governance – College Executive, General Education, Faculty Professional Development, Faculty Senate
Vice President of Strategic Enrollment Management search committee, chair 2016-present

Institutional Effectiveness Team and Higher Learning Commission comprehensive visit team, 2014-present

Higher Learning Commission Comprehensive visit team, 2010-2012

Natural Science General Education Working Group, 1997-present

Scholarship Symposium Committee: 1999-present (co-chair 2005-2008)

Capital University Institutional Review Board: 2002-2004

Faculty Evaluation Committee: 2003-2008 (chair 2005-2008)

Facilities Subcommittee (Subcommittee of CUBAP), 2007-2008

Ohio Academy of Science Local Meeting Committee, 2001-2002

Project Grad, Instructor Underrepresented Groups in STEM, Summer 2006

Science Building Planning Committee and Project Shepherd, 2004-2007

Green Team Building Leader: 2005-2007

Search Committee, Administrator: 2002

Search Committees, Faculty: 1997, 2000, 2001 (chair), 2002, 2003, 2007

Search Committee, IT Staff: 2003

Senate Ad Hoc Committee on Promotion and Tenure: 2008

Sustainability Council, 2013-present
Technology in the Curriculum Committee (TICC): 1998-2001, (chair 1999-2001)

Unified Theme Committee: 2008

COURSES TAUGHT

Integrated Science by Inquiry, Scientific Terminology, Environmental Geology, Physical Geology, Oceanography, Research Methods, Geologic Surficial Processes, Hydrogeology, Senior Biology Seminar, Environmental Science, Computational Environmental Science, Environmental Science Seminar, Science, Technology in Society, Junior Biology Seminar, Geologic Surficial Processes, Hydrogeology, Senior Biology Seminar, Topics in Computational Science, Water Resources

PROFESSIONAL SERVICE – REVIEW OF PUBLICATIONS

BOOK AND REPORT EDITING

- McKenzie, Garry and Franklin Schwartz. 1998. Discovering Hydrogeology in Ohio, Ohio Environmental Education Fund & Ohio State University
- Porges, Robert and Matthew Hammer. 2001. The Compendium of Hydrogeology. National Ground Water Association. Westerville, Ohio. 303p.
- Woburn, MA Hydrogeology Field Trip Report, Geological Society of America, 2001 Annual Meeting, Boston, MA

PEER-REVIEW OF JOURNAL ARTICLES

- Epistimi: Capital University's Journal of Undergraduate Research
- Journal of Environmental & Engineering Geoscience
- Journal of Contaminant Hydrology
- Water Resources Research – Journal of the American Geophysical Union

PUBLICATIONS

- Karkowski, A. M., & Lahm, T. D., 2008, Student engagement in service to student learning: Evaluation of undergraduate research experiences across disciplines. Submitted for publication in *Journal for the Study of College Students*.
- Bair, E.S. & T.D. Lahm, 2006, *Practical Problems in Groundwater Hydrology*, Problem-Based Learning Using Excel Worksheets. Prentice Hall: Upper Saddle River, New Jersey, ISBN-13: 9780131456679.
- Lahm, T.D. & E.S. Bair, 2000, Regional depressurization and its impact on the sustainability of freshwater resources in an extensive midcontinent variable-density aquifer, *Water Resources Research*, Vol. 36, no. 11. Washington, DC: American Geophysical Union, p. 3167-3177.
- Lahm, T.D., E.S. Bair & J.E. VanderKwaak, 1998, The role of salinity-derived variable-density fluid flow in the displacement of brine from shallow, regionally extensive aquifers, *Water Resources Research*, Vol. 34, no. 6. Washington, DC: American Geophysical Union, p. 1469-1480.
- Bair, E.S. & T.D. Lahm, 1996, Variations in capture-zone geometry of a partially penetrating pumping well in an unconfined aquifer, *Ground Water*, Vol. 34, no. 5, Urbana, IL: National Ground Water Association, p. 842-852.
- Lahm, T.D., E.S. Bair, & F.W. Schwartz, 1995, The use of stochastic simulations and geophysical logs to characterize spatial heterogeneity in hydrogeologic parameters, *Mathematical Geology*, Vol. 27, no. 2, New York-London: Plenum for the International Association for Mathematical Geology p. 259-278.

COMPUTATIONAL SCIENCE MODULES

- Lahm, T.D., 2002, Computational environmental science educational modules: Groundwater flow, modeling climate change, and modeling global elemental cycles. product of National Science Foundation-CCLI Grant 9952806, Computational Science Across the Curriculum.

PRESENTATIONS AT PROFESSIONAL MEETINGS

- Weinstein, D., Hunter, L., Lahm, T., Arnold, R. (March 2015). Using Employment and Graduate Degree Attainment Data for Program Review at a Comprehensive University. 2015 Higher Learning Commission Annual Conference, Chicago, IL.
- Karkowski, A. M., Fournier, J. S., Ashbrook, R. M., & Lahm, T. D. (2014). Advance assessment by aligning student learning goals and IDEA Objectives. IUPUI Assessment Institute, Indianapolis, IN.
- Karkowski, A. M., Fournier, J. S., Ashbrook, R. M., & Lahm, T. D. (2013). Advance assessment by aligning student learning goals and IDEA Objectives. Higher Learning Commission Annual Conference, Chicago, IL.
- Karkowski, A. M., Fournier, J. S., Ashbrook, R. M., & Lahm, T. D. (2012). Advance assessment by aligning student learning goals and IDEA Objectives. IDEA User Group Meeting, Nashville, TN.
- Lahm, T.D. (August, 2008). A multi-institutional collaboration to create educational materials employing modeling and simulation across the STEM disciplines. Course, Curriculum, and Laboratory Improvement Principal Investigators Conference, Washington D.C.

- Lahm, T.D. & Voss, E. (August, 2008). Leading multi-institution collaborative projects. Workshop at the Course, Curriculum, and Laboratory Improvement Principal Investigators Conference, Washington D.C.
- Hansen, E., Karkowski, A.M. & Lahm, T.D. (June, 2008). Encouraging the transition from button pusher to research scientist. Council on Undergraduate Research 2008 National Conference, College of Saint Benedict. (*Lahm was a substitute presenter*)
- Lahm, T.D., Karkowski, A.M., Douglas, A. & Hemkin S. (June, 2008). Computational science as an organizing principle for cross-disciplinary, multi-institutional, and student-faculty collaborations. Enriching the Academic Experience of College Science Students, University of Michigan - Ann Arbor, MI.
- Karkowski, A.M. & Lahm, T.D. (May, 2008). Evaluating undergraduate research experiences: Student and faculty mentor perceptions. Association for Psychological Science, 20th Annual Convention, Chicago, IL.
- Lahm, T.D. (November, 2007). Innovations in undergraduate science education: Modeling and computational science in biology and chemistry. Workshop for the NSF-CCLI grant Development and dissemination of computational science educational materials and curricula at the undergraduate level.
- Lahm, T.D. (May, 2007). Grant goals and logistics. Workshop for the NSF-CCLI grant Development and dissemination of computational science educational materials and curricula at the undergraduate level.
- Karkowski, A.M., & Lahm, T.D. (October, 2006). Modeling undergraduate research through computational science: Successes and pitfalls. Project Kaleidoscope National Assembly, Chicago, IL.
- Karkowski, A.M., & Lahm, T.D. (October, 2006). Transforming lives through undergraduate research. Project Kaleidoscope National Assembly, Chicago, IL.
- Lahm, T.D. (October, 2006). A problem-based exercise exploring the importance of viscosity and fluid density using spreadsheets. Geological Society of America, 2006 36th Annual Meeting, Philadelphia, PA.
- Lahm, T.D. (October, 2005). Establishing a computational science program – Successes and pitfalls. Oberlin Conference on Computation and Modeling 2005: The Undergraduate Arena, Oberlin College, Oberlin, OH.
- Lahm, T.D. (October, 2005). Using Excel to address the math phobia encountered in teaching hydrogeology. Geological Society of America, 2005 36th Annual Meeting, Salt Lake City, UT.
- Lahm, T.D. (October, 2003) Location, Location, Location: Experiences with local-based hydrogeologic research. Geological Society of America, 2003 35th Annual Meeting, Seattle, WA.
- Karkowski, A.M., Rosell, M.C., Fournier, J.S. & Lahm, T.D. (May, 2003). Techniques for improving students' scientific writing: Peer review versus listening to another student read a paper draft. National Institute on the Teaching of Psychology conference, St. Petersburg Beach, FL.
- Karkowski, A.M., Vakalis, I. & Lahm, T.D. (April, 2002). Integrating computational science into the undergraduate curriculum. Undergraduate Research Network, National Conference on Undergraduate Research, Whitewater, WI.
- Lahm, T.D. (July, 2002). Using computer spreadsheets to teach undergraduates numerical modeling techniques applied to environmental geoscience problems. Proceedings of the 2nd International Conference on the Teaching of Mathematics, Chersonissos, Greece.
- Lahm, T.D. & Karkowski, A.M. (July, 2001). Computational Science Across the

Curriculum. Project Kaleidoscope 2001 Summer Institute, Snowbird Resort, Salt Lake City, Utah.

- Lahm, T.D., Vakalis, I. & Noyes, J. (June, 2000). Computational science for the liberal arts environment. Council on Undergraduate Research National Conference, College of Wooster, Wooster, OH.
- Lahm, T.D. (October, 2000). Using numerical models as a tool for addressing complex geologic issues in an undergraduate curriculum. Geological Society of America, 2000 32th Annual Meeting, Boulder, CO.
- Lahm, T.D. & Bair, E.S. (October, 1999). Teaching quantitative aspects of the Environmental Geosciences with computer spreadsheets, Geological Society of America, 1999 31th Annual Meeting, Denver, CO.
- Lahm, T.D. & Bair, E.S. (October, 1998). The use of computer spreadsheets and multimedia in teaching quantitative aspects of Hydrogeology. Geological Society of America, 1998 30th Annual meeting, Boulder, CO.
- Lahm, T.D. & Bair, E.S. (October, 1997). The influence of regional depressurization in a salinity-derived variable-density groundwater environment, Geological Society of America, 1997 29th Annual Meeting, Boulder, CO.
- Lahm, T.D. & Bair, E.S. (October, 1997). The role of salinity-derived variable-density fluid flow in the displacement of brine from a shallow, regionally extensive aquifer, Geological Society of America, 1997 29th annual meeting, Boulder, CO.
- Lahm, T.D. & Bair, E.S. (October, 1996). The role of variable-density fluid flow in regional hydrodynamics of midcontinent sedimentary basins. Geological Society of America, 28th annual meeting, Boulder, CO.
- Bair, E.S., Finton, C.D., Lahm, T.D. & McClenahan, L.M. (October, 1996). On the scale dependency of permeability and anisotropy. Geological Society of America, 28th annual meeting, Boulder, CO.
- Bair, E.S. & Lahm, T.D. (October, 1995). Variations in capture-zone geometry of partially penetrating pumping wells in unconfined aquifers. Geological Society of America, 1995 27th annual meeting, Boulder, CO.
- Lahm, T.D., Bair, E.S. & Schwartz, F.W. (May, 1993). Determination of the hydraulic-conductivity distribution in the Milk River Aquifer, Alberta, Canada, using two-dimensional stochastic simulations, *EOS*, Vol. 74, no. 16, AGU 1993 spring meeting, Washington, DC: American Geophysical Union, p. 153-154.
- Lahm, T.D. (April, 1989). Marine boring of carbonate hard substrates on San Salvador Island, The Bahamas. Second Keck Research Symposium in Geology, Colorado College, Vol. 2, p. 32-35.

INVITED PROFESSIONAL PRESENTATIONS

- Oberlin College, Oberlin Conference on Computation and Modeling 2005: *The Undergraduate Arena, Computational Science Across the Undergraduate Curriculum*, 2005.
- University of Nebraska, Lincoln, Teaching Hydrogeology in the 21st Century workshop, *Using EXCEL to Ease the Math Phobia Encountered in Teaching Hydrogeology*, 2005.
- Ohio Wesleyan University, Science Lecture Series, *Water, Rocks and Fighting Scots*, 2004.
- Marietta College, Physics Colloquium, *Physics through a Hydrogeologist's Eyes – Lessons from the Environmental Sciences*, 2003.
- College of Wooster, Geology Colloquium, *The Meeting of the Waters- Measuring*

Groundwater at the Edge, March 2002.

- Capital University Fall Faculty Forum, co-presenter, *Well Being of Our Environment*, Bexley, Ohio, August 2001.
- University of Akron, *Computational Science Curriculum*, Interdepartmental Seminar, March 2001.
- Daughters of the American Revolution, *Environmental Impact of Urban Sprawl*, Cleveland, Ohio, March 1999.
- Intercollegiate and Governmental Meeting, *Regional Water-Level Declines in the Silurian-Devonian Carbonate Aquifer in Central and Northwestern Ohio*, July 1997.
- American Water Work Association Meeting, *Possible water quality impacts of regional depressurizing of the Silurian-Devonian Carbonate aquifer*, Columbus, Ohio, 1997.

UNDERGRADUATE STUDENT RESEARCH PROJECTS MENTORED

- Lindy Newman. (December 2014). Thermal Tracing of Ground Water and Surface Water Interactions at the Merl and Margaret Primmer Outdoor Learning Center. Symposium on Undergraduate Scholarship.
- Carly Moss. (December 2013). Glacial Geology of the Hocking River Valley. Symposium on Undergraduate Scholarship.
- Cole Musial. (April 2013). A Comprehensive Hydrologic Cycle Analysis of the Merle and Margaret Primmer Outdoor Learning Center Wetland. Symposium on Undergraduate Scholarship.
- Jess Cogan. (April 2013). The Effects of Acid Mine Drainage on Watersheds and Surrounding Habitat, and Progress of Reclamation Efforts. (William J. Clark co-mentor)
- Zachary A. Simpson. (February 2012). Multivariate Analysis of Heavy Metal Contents of Sediments from Alum Creek, Columbus, Ohio. Symposium on Undergraduate Scholarship.
- Ashley Krutko. (April 2010). A Comparison of Techniques for Determining Spring Source Areas: Crawford County, Wisconsin. Keck Geology Consortium.
- Amanda Huntsberry. (April 2009). The Carbon Footprint of Capital University. 13th Annual Symposium on Undergraduate Scholarship. (*co-mentored with Alan Stam*)
- David W. Pickering. (April 2009). The Pickens Plan: Good for America or T. Boone Pickens? 13th Annual Symposium on Undergraduate Scholarship. (*co-mentored with Kevin R. Griffith*)
- Corey J. Hinkle & Ryan M. Griffin. (April 2009). Nutrient Contamination and Wetland Effects Near Logan, Ohio: A Pilot Study. 13th Annual Symposium on Undergraduate Scholarship. (*William J. Clark, Margaret E. Ginn-Pease co-mentors*)
- Ryan Griffin & Corey Hinkle (April, 2008). The Primmer Outdoor Classroom. 12th Annual Symposium on Undergraduate Scholarship. (*co-mentored with Alan Stam*)
- Chelsea Ridenour (April, 2008). South Well Field Model Visualization. 12th Annual Symposium on Undergraduate Scholarship.
- Naomi Hake (April, 2007). The Effects of Quarrying on Wells in Southern Franklin County, Ohio. Ohio Academy of Science Annual Meeting, *The Ohio Journal of Science*, Vol. 107 no. 1. Cleveland State University, Cleveland, OH. and 11th Annual Symposium on Undergraduate Scholarship.
- Michael S. Vail, Robert Johnson, & Daisy Sigman (April, 2006). Dammed if We Do, Dammed if We Don't. 10th Annual Symposium on Undergraduate Scholarship. (*co-mentored with Alan Stam*)
- Michael S. Vail, Robert Johnson, & Daisy Sigman, (April, 2006). Capital University

Green Building Proposal. 10th Annual Symposium on Undergraduate Scholarship. (*co-mentored with Alan Stam*)

- Byrom, J. (April, 2004). Assessment of the Hydrological Effects of Urbanization on the Lower Alum Creek Watershed within Central Ohio. Ohio Academy of Science Annual Meeting, *The Ohio Journal of Science*, Vol. 104 no. 1. University of Toledo, Toledo, OH. and National Conference on Undergraduate Research in Indianapolis, Indiana.
- James, M.A. (April, 2003). Baseflow Analysis of the Upper Blacklick Creek in Central Ohio. Ohio Academy of Science Annual Meeting, *The Ohio Journal of Science* Vol. 103 no.1. and 7th Annual Symposium on Undergraduate Scholarship.
- James, M.A. (April, 2003). Genetic Use Restriction Technology. 7th Annual Symposium on Undergraduate Scholarship.
- Rhoad, A. (April, 2003). The Effect of Wastewater Treatment Effluent on Antimicrobial Resistance in Central Ohio Stream Water. 7th Annual Symposium on Undergraduate Scholarship. (*co-mentored with Alan Stam*)
- Starner, R., Roepcke, J., Lichtenberger, D. (April, 2003). Comparing Land Use to Dissolved Oxygen Levels. 7th Annual Symposium on Undergraduate Scholarship. (*co-mentored with Erica Brownstein*)
- Carse, N.B. (April, 2002). Examination of the Relation of Nitrate Loads and Land Use in the Big Darby Creek and Alum Creek Watersheds in Central Ohio. National Conference on Undergraduate Research, 2002 annual meeting, Whitewater, WI. and Ohio Academy of Science Annual Meeting, *The Ohio Journal of Science* Vol. 102 no.1. and the 6th Annual Symposium on Undergraduate Scholarship.
- Hudgins, A.P. (April, 2002). The Determination of Groundwater Discharge to The Hellbranch Run Tributary On the Darby Till Plain. National Conference on Undergraduate Research, 2002 annual meeting, Whitewater, WI. and Ohio Academy of Science Annual Meeting, *The Ohio Journal of Science* Vol. 102 no.1. and the 6th Annual Symposium on Undergraduate Scholarship.
- Badgerow, K.L. (April 2001). Comparative Study of Nutrient Loads Between Two Tributary Watersheds to Lake Erie. 5th Annual Symposium on Undergraduate Scholarship.
- Heironimus, J.D. (April, 2001). Hydrogeologic Characteristics of the Granville Aquifer, National Conference on Undergraduate Research, 2001 annual meeting, Lexington, KY.
- Jordan, S. (April, 2001). Water Quality Study of Blacklick Creek Focusing on Blacklick Estates Waste Water Treatment Plant, Ohio Academy of Science Annual Meeting, *The Ohio Journal of Science*, Vol. 101 no. 1. and 5th Annual Symposium on Undergraduate Scholarship.
- Sherman, S. (April, 1999). Chemical Characterization of Wastewater Effluent on the Big Darby Creek Water Quality. 3rd Annual Symposium on Undergraduate Scholarship.

REFERENCES: Available on Request