

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

Senior Associate Provost  
Professor of Geology & Environmental Science  
Capital University  
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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		
	Senior Associate Provost	2017-Present
	Interim Provost & Vice President for Academic and Student Affairs	2016-2017
	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**

*Senior Associate Provost, Capital University*

2017-Present

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

- Oversight of budget and expenses for Division of Student Learning and Development as well as Enrollment Management.
- Management of Endowed Faculty Chairs and Professorships
- Oversight of Financial Aid operation including federal reporting
- Management of employee hiring within division
- Office of the Registrar Leadership Team, 2018-2022
- Employment Contract Management, 2019-present
- GradSEM Enrollment Management Leadership
- Curriculum management Leadership

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

2016-2017

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

- Chief academic officer for an institution responsible for annual operating expense budget of approximately \$23M, a total enrollment of approximately 3,400 students, 2,400 of which are traditional undergraduates, responsible for 261 full-time employees and more than 200 part-time faculty, 60 undergraduate majors and 39 minors, graduate programs in business, education, nursing and music education. Law graduate (approximately 380 students) programs report to the President.
- Oversight and responsibility for the Blackmore Library, Information Technology, Center for Health and Wellness, Residential and Commuter Life, Student and Community Engagement, Academic Success, Career Services, Office of Diversity and Inclusion, Office of Institutional Effectiveness, Title IX coordination, and International Education
- Academic affairs representative for planning and construction of the Convergent Media Center building (\$16M) and other academic and instructional spaces
- Oversight and 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

*Associate Provost and Associate Vice President for Academic*

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
- Oversight of Higher Learning Commission (HLC) accreditation process, arguments and evidence for regional accreditation
- Academic oversight of renovation 2012 renovation of two floors of the Blackmore Library (\$2.2M)
- Academic oversight of planning and construction of the 2013-2016 Convergent Media Center building (\$16M)
- 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
- Developed the Director for Undergraduate Scholarship position and managed endowed chairs and professorships, as well as funding sources 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 College Dean. Some of these responsibilities and activities include:

- Oversight and coordination with 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***

Extended Budget and Planning Committee, 2017- present  
Institutional Effectiveness Group, 2017-present,  
Data Management Committee, 2017 – present  
Higher Learning Commission Writing Team, 2021-22  
Steering Committee of the Council of Institutional Effectiveness, Accreditation, and Compliance, 2017-present  
Summer Scholars Administration Lead, 2019-present  
President's Cabinet, 2011-2017  
Provost Council, 2011-2015  
Deans Council, 2008-2015  
Academic Affairs – Chairs and Deans 2015-present  
Board of Trustees, Educational Excellence, 2016-present, Academic Affairs Committee, 2011-2016, Technology Committee, 2011-2016

Administrative Liaison to faculty governance – College Executive, General Education, Faculty Evaluation Committee, University Budget, Faculty Rights and Responsibilities, 2016-present  
 Vice President of Strategic Enrollment Management search committee, chair 2016  
 Director of Information Technology search committee, chair 2016-2017  
 Dean of Trinity Lutheran Seminary search committee, chair 2016-2017  
 Sustainability Council, 2013-present  
 Institutional Effectiveness Team and Higher Learning Commission comprehensive visit team, 2014-present  
 Trinity Lutheran Seminary reunion taskforce, 2016-2018  
 Higher Learning Commission Comprehensive visit team, 2010-2012  
 Natural Science General Education Working Group, 1997-2017  
 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  
 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, 20<sup>th</sup> 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 36<sup>th</sup> 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 36<sup>th</sup> 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 35<sup>th</sup> 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 2<sup>nd</sup> 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 32<sup>th</sup> 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 31<sup>th</sup> 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 30<sup>th</sup> 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 29<sup>th</sup> 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 29<sup>th</sup> 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, 28<sup>th</sup> 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, 28<sup>th</sup> 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 27<sup>th</sup> 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 Works 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. 13<sup>th</sup> 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? 13<sup>th</sup> 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. 13<sup>th</sup> Annual Symposium on Undergraduate Scholarship. (*William J. Clark, Margaret E. Ginn-Pease co-mentors*)
- Ryan Griffin & Corey Hinkle (April, 2008). The Primmer Outdoor Classroom. 12<sup>th</sup> Annual Symposium on Undergraduate Scholarship. (*co-mentored with Alan Stam*)
- Chelsea Ridenour (April, 2008). South Well Field Model Visualization. 12<sup>th</sup> 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 11<sup>th</sup> Annual Symposium on Undergraduate Scholarship.
- Michael S. Vail, Robert Johnson, & Daisy Sigman (April, 2006). Dammed if We Do, Dammed if We Don't. 10<sup>th</sup> Annual Symposium on Undergraduate Scholarship. (*co-mentored with Alan Stam*)
- Michael S. Vail, Robert Johnson, & Daisy Sigman, (April, 2006). Capital University

Green Building Proposal. 10<sup>th</sup> 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 7<sup>th</sup> Annual Symposium on Undergraduate Scholarship.
- James, M.A. (April, 2003). Genetic Use Restriction Technology. 7<sup>th</sup> Annual Symposium on Undergraduate Scholarship.
- Rhoad, A. (April, 2003). The Effect of Wastewater Treatment Effluent on Antimicrobial Resistance in Central Ohio Stream Water. 7<sup>th</sup> 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. 7<sup>th</sup> 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 6<sup>th</sup> 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 6<sup>th</sup> Annual Symposium on Undergraduate Scholarship.
- Badgerow, K.L. (April 2001). Comparative Study of Nutrient Loads Between Two Tributary Watersheds to Lake Erie. 5<sup>th</sup> 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 5<sup>th</sup> Annual Symposium on Undergraduate Scholarship.
- Sherman, S. (April, 1999). Chemical Characterization of Wastewater Effluent on the Big Darby Creek Water Quality. 3<sup>rd</sup> Annual Symposium on Undergraduate Scholarship.

**REFERENCES:** Available on Request