

CURRICULUM VITA
WILLIAM J. (WILL) FOCHT

Associate Professor Emeritus
Department of Political Science
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EDUCATION

- 1995 **PhD**, Environmental Science, Oklahoma State University, Dissertation: "Heuristic Inquiry into NIMBY Conflict"
- 1992 **MA**, Political Science, Oklahoma State University, Thesis: "The Role of Risk Judgment in Political Participation"
- 1979 **BE**, Civil Engineering, Vanderbilt University, magna cum laude
- 1973 **BS**, Zoology, Ohio University, magna cum laude
- 1973-75 Coursework completed toward **MS** in Microbiology, Ohio University

EMPLOYMENT HISTORY

- 2017 **Associate Professor Emeritus**, Oklahoma State University
- 2012-15 **Director**, Fire & Emergency Management Administration Program, Oklahoma State Univ.
- 2008-11 **Director**, Certificate Program in Environmental Studies, Oklahoma State University
- 2007-11 **Director**, Institute for Sustainable Environments, Oklahoma State University
- 2003-17 **Associate Professor**, Department of Political Science, Oklahoma State University
- 2002-11 **Director**, Environmental Science Graduate Program, Oklahoma State University
- 2002-11 **Director**, Oklahoma Water Resources Research Institute
- 2002-07 **Director**, Environmental Institute, Oklahoma State University
- 1997-03 **Assistant Professor**, Department of Political Science, Oklahoma State University
- 1994-97 **Assistant Professor**, School of Geology, Oklahoma State University
- 1994-95 **Research Fellow**, Environmental Institute, Oklahoma State University
- 1990-94 **Senior Regulatory Specialist**, Science Applications International Corp., Columbus, OH
- 1989-94 **Regulatory Expert and Instructor**, Independent Environmental Consultant
- 1988-94 **Instructor, School of Geology**, Oklahoma State University
- 1988-90 **Graduate Research Assistant**, Dept. of Political Science, Oklahoma State University
- 1987-88 **Senior Environmental Engineer**, US Environmental Protection Agency, Washington DC
- 1981-87 **Environmental Engineer**, US Environmental Protection Agency, Region VI, Dallas, TX
- 1980-81 **Environmental Engineer**, US Environmental Protection Agency, Region IV, Atlanta, GA
- 1976-78 **Project Manager – Wastewater**, McCullough Associates, Inc., Murfreesboro, TN
- 1975-76 **Wastewater Survey Team Leader**, Underground TV Inspection, Inc., Durham, NC
- 1975 **Remote Sensing Team**, Underground TV Inspection, Inc., St. Petersburg, FL
- 1973-75 **Graduate Teaching Assistant**, Department of Zoology & Microbiology, Ohio University
- 1973-75 **Graduate Research Assistant**, Department of Zoology & Microbiology, Ohio University

PUBLICATIONS

EDITED BOOKS

- 2018 **Focht, Will**, Michael A. Reiter, Paul A. Barresi, and Richard C. Smardon, eds. *Education for Sustainable Human and Environmental Systems: From Theory to Practice*. London: Routledge.
- 2005 Sabatier, Paul, **Will Focht**, Mark Lubell, Zev Trachtenberg, Arnold Vedlitz, and Marty Matlock, eds. *Swimming Upstream: Collaborative Approaches to Watershed Management*. Cambridge, MA: MIT Press.

BOOK CHAPTERS

- 2018 **Focht, Will**, and David V. J. Bell. "Why Education for Sustainable Human and Environmental Systems?" In *Education for Sustainable Human and Environmental Systems: From Theory to Practice*, ed. Will Focht, Michael A. Reiter, Paul A. Barresi, and Richard C. Smardon. London: Routledge.
- Morrison, Karen, **Will Focht**, and Martin J. Bunch. "The Social Learning Challenge." In *Education for Sustainable Human and Environmental Systems: From Theory to Practice*, ed. Will Focht, Michael A. Reiter, Paul A. Barresi, and Richard C. Smardon. London: Routledge.
- Focht, Will**, and Paul A. Barresi. "The SHES Approach to Sustainability Education." In *Education for Sustainable Human and Environmental Systems: From Theory to Practice*, ed. Will Focht, Michael A. Reiter, Paul A. Barresi, and Richard C. Smardon. London: Routledge.
- Richard C. Smardon, Michael A. Reiter, Paul A. Barresi, and **Will Focht**. "Realizing the Vision: Reflections and Implications." In *Education for Sustainable Human and Environmental Systems: From Theory to Practice*, ed. Will Focht, Michael A. Reiter, Paul A. Barresi, and Richard C. Smardon. London: Routledge.
- 2005 **Focht, Will**. "Stakeholder Involvement in TMDL Policy Decisions." In *TMDL: Approaches and Challenges*, ed. Tamim Younos (pp. 79-100). Tulsa, OK: PennWell Books.
- Focht, Will**, and Zev Trachtenberg. "A Trust-Based Guide to Stakeholder Participation." In *Swimming Upstream: Collaborative Approaches to Watershed Management*, ed. Paul Sabatier, Will Focht, Mark Lubell, Zev Trachtenberg, Arnold Vedlitz, and Marty Matlock (pp. 85-135). Cambridge, MA: MIT Press.
- Trachtenberg, Zev, and **Will Focht**. "Legitimacy and Watershed Collaborations: The Role of Public Participation." In *Swimming Upstream: Collaborative Approaches to Watershed Management*, ed. Paul Sabatier, Will Focht, Mark Lubell, Zev Trachtenberg, Arnold Vedlitz, and Marty Matlock (pp. 53-82). Cambridge, MA: MIT Press.
- Paul Sabatier, **Will Focht**, Mark Lubell, Zev Trachtenberg, Arnold Vedlitz, and Marty Matlock. "Collaborative Approaches to Watershed Management." In *Swimming Upstream: Collaborative Approaches to Watershed Management*, ed. Paul Sabatier, Will Focht, Mark Lubell, Zev Trachtenberg, Arnold Vedlitz, and Marty Matlock (pp. 3-21). Cambridge, MA: MIT Press.
- Mark Lubell, Paul Sabatier, Arnold Vedlitz, **Will Focht**, Zev Trachtenberg, and Marty Matlock. "Conclusions and Recommendations." In *Swimming Upstream: Collaborative Approaches to Watershed Management*, ed. Paul Sabatier, Will Focht, Mark Lubell, Zev Trachtenberg, Arnold Vedlitz, and Marty Matlock (pp. 261-296). Cambridge, MA: MIT Press.
- 2000 **Focht, Will**, and James J. Lawler. "Using Q Methodology to Facilitate Policy Dialogue." In *Social Discourse and Environmental Policy: An Application of Q Methodology*, ed. Helen Addams and John Proops (pp. 100-122). Cheltenham, UK and Northampton, MA: Edward Elgar Publishing.

- 1999 Bradbury, Judith A., Kristi M. Branch, and **Will Focht**. "Trust and Public Participation in Risk Policy Issues." In *Social Trust Theory and the Management of Risk*, ed. George Cvetkovich and Ragnar Lofstedt (pp. 117-127). London: Earthscan.

REFEREED JOURNALS

- 2016 Billings, Joel, and **Will Focht**. "Firefighter Shift Schedules Affect Sleep Quality," *Journal of Occupational and Environmental Medicine* 58(3):294-298.
- 2011 Rodríguez-Piñeros, Sandra, **Will Focht**, David K. Lewis, and Diane Montgomery. "Incorporating Values into Community-scale Sustainable Forest Management Plans: An Application of Q Methodology," *Small-Scale Forestry* 10.1007/s11842-011-9182-y.
- Vincent, Shirley, and **Will Focht**. "Interdisciplinary Environmental Education: Elements of Field Identity and Curriculum Design," *Journal of Environmental Studies and Sciences* 1(1):14-35.
- 2010 Vincent, Shirley, and **Will Focht**. "In Search of Common Ground: Exploring Identity and the Possibility of Core Competencies for Interdisciplinary Environmental Programs," *Environmental Practice* 12(1):76-86.
- 2009 **Focht, Will**, and Charles Abramson. "The Case for Interdisciplinary Environmental Education and Research," *American Journal of Environmental Sciences* 5(2):124-129
- Focht, Will**, and Talya Henderson. "Evolution of a Graduate Environmental Science Program," *American Journal of Environmental Sciences* 5(2):130-136.
- Vincent, Shirley, and **Will Focht**. "U.S. Higher Education Environmental Program Managers' Perspectives on Curriculum Design and Core Competencies: Implications for Sustainability as a Guiding Framework," *International Journal of Sustainability in Higher Education* 10(2):164-183.
- 2008 **Focht, Will**. "Governance for Sustainability," *Environmental Politics* 17(1):131-137.
- 2006 **Focht, Will**. "Orthodoxy Applied, Promoted, and Advanced," *Operant Subjectivity* 28(1/2):84-86.
- 2005 John Gutrich, Deanna Donovan, Melissa Finucane, **Will Focht**, Fred Hitzhusen, Supachit Manopimoke, David McCauley, Bryan Norton, Paul Sabatier, Jim Salzman, and Virza Sasmitawidjaja. "Science in the Public Process of Ecosystem Management: Lessons from Hawaii, Southeast Asia, Africa, and the U.S. Mainland," *Journal of Environmental Management* 76(3):197-209.
- 2004 **Focht, Will**, and James G. Hull. "Framing Policy Solutions in a Conflicted Policy Environment," *Oklahoma Policy Studies Review* 5(1):30-36.
- 2002 **Focht, Will**. "Assessment and Management of Policy Conflict in the Illinois River Watershed in Oklahoma: An Application of Q Methodology," *International Journal of Public Administration* 25:1311-1349.
- Anex, Robert P., and **Will Focht**. "Stakeholder Involvement in Life-Cycle Assessment and Comparative Risk Assessment," *Risk Analysis* 22(5):859-75.
- Meo, Mark, **Will Focht**, Lowell Caneday, Robert Lynch, Fekadu Moreda, Blake Pettus, Ed Sankowski, Zev Trachtenberg, Baxter Vieux, and Keith Willett. "Negotiating Science and Values with Stakeholders in the Illinois River Basin," *Journal of the American Water Resources Association* 38(2):1-14.
- 2001 **Focht, Will**. "A Synthesis of Stakeholder Perspectives in Siting Controversies," *Oklahoma Politics* 10:47-61.
- Focht, Will**, and James J. Lawler. "NIMBY-TIMBY: Analysis of Stakeholder Perspectives on Hazardous Waste Controversies in Oklahoma," *Oklahoma Politics* 10:63-79.
- Focht, Will**, Mike Langston, and Richard Todd DeShong. "Informing the Policy Process with Cognitive Mapping," *Oklahoma Politics* 10:157-176.
- Rao, Mahesh, **Will Focht**, and John Bantle. "Use of GIS in Environmental Policy Analysis," *Oklahoma Politics* 10:141-156.

- Whitaker, Katera, and **Will Focht**. "Expert Modeling of Environmental Impacts," *Oklahoma Politics* 10:177-184.
- 1998 **Focht, Will**, James J. Lawler, and Michael W. Hirlinger. "A Political Participation Model of Citizen NIMBY Opposition," *Oklahoma Politics* 7:1-24.
- 1994 Lawler, James J., **Will Focht**, and Earl L. Hatley. "Citizen Participation in Oklahoma Hazardous Waste Controversies: NIMBY and Beyond," *National Social Science Journal* 8(1):138-151.

EDITED JOURNAL ISSUE

- 2009 Abramson, Charles, and **Will Focht**, eds. "The Case for Interdisciplinary Environmental Research." Special issue of the *American Journal of Environmental Sciences*, Volume 5, Number 2.
- 2001 **Will Focht**, ed. "Environmental Policy in Oklahoma: Issues, Innovations, Insights." In *Oklahoma Politics*. Edmond, OK: Oklahoma Political Science Association.

REFEREED CONFERENCE PROCEEDINGS

- 2014 Barresi, Paul, **Will Focht**, Michael Reiter, Richard Smardon, Michael Humphreys, Kimberly Reiter, Steven Kolmes. "Revealing Complexity in Educating for Sustainability: An Update on the Work of the Roundtable on Environment and Sustainability." In *Integrating Sustainability Thinking in Science and Engineering Curricula. Word Sustainability Series*, ed. Walter Leal Filho, Ulisses M. Azeiteiro, Sandra Caeiro, and Fatima Alves. Springer International Publishing, Switzerland.
- 2012 Reiter, Mike, **Will Focht**, Paul Barresi, Susan Gill, Richard Smardon, Susan Baker, Kimberly Reiter, Eric Fitch, Terry Rolfe, and Sue Bumpous. "Making Education for Sustainability Work on Campus: The Proposals of the Roundtable on Environmental Systems and Sustainability." In *Umweltbildung, Umweltkommunikation und Nachhaltigkeit [Environmental Education, Communication and Sustainability]*, Vol. 33, ed. W. Leal Filho. Sustainable Development at Universities: New Horizons. Frankfurt am Main, Germany: Peter Lang Scientific.
- 2011 Reiter, Mike, **Will Focht**, Paul Barresi, Sue Bumpous, Richard Smardon, and Kimberly Reiter. "Making Education for Sustainability Work on Your Campus: The Roundtables on Environmental Systems and Sustainability." In *Umweltbildung, Umweltkommunikation und Nachhaltigkeit [Environmental Education, Communication and Sustainability]*, Vol. 32, ed. W. Leal Filho. World Trends in Education for Sustainable Development. Frankfurt am Main, Germany: Peter Lang Scientific.
- 2001 Meo, Mark, **Will Focht**, Lowell Caneday, Robert Lynch, Blake Pettus, Ed Sankowski, Zev Trachtenberg, Baxter Vieux, and Keith Willett. "From Conflict to Consensus: The Role of Science, Stakeholders, and Values in Guiding the Management of the Illinois River Basin." In *Proceedings of the Integrated Decision-Making for Watershed Management Symposium: Process and Tools*, pp. 511-528. Blacksburg, VA: Virginia Polytechnic Institute and State University.
- 1996 Smith-Sebasto, Nick, and **Will Focht**. "Communication for Environmental Policy Making and Ecologically Sustainable Development: A Model for Stakeholder Participation." In *Proceedings of the Conference on Communication and Our Environment*, ed. David B. Sachsman, Kandice Salomone, and Susan Senecah, pp. 136-142. Chattanooga, TN: University of Tennessee.
- 1995 **Focht, Will**. "Gaining Stakeholder Acceptance of Technological and Environmental Decision Making." In *Industrialization and Environment*, Volume 1, pp. 165-200. Taejon, Korea: Taejon National University of Technology.
- Focht, Will**. "Innovative Approaches to Responsive Risk Communication." In *Proceedings of the III International Congress on Energy, Environment and Technological Innovation, Volume 2*, ed. Organizing Committee of the III International Congress, pp. 247-252. Caracas: Universidad Central de Venezuela.

NON-REFEREED JOURNALS

- 2005 **Focht, Will.** "Perspectives on Water Resource Research Priorities in Oklahoma," *The Aquahoman* 1(4):2.
- 1995 **Focht, Will,** James Lawler, David Wright, and Mike Hirlinger. "Determinants of State Environmental Policy Efficacy: A Comparative Political Analysis," *National Social Science Perspectives Journal* 7:68-84.
- Focht, Will.** "Another Look at the Future Ground Water Professional," *Ground Water* 33(2):178-9.
- Focht, Will.** "Discussion of 'A Challenge to the Consulting Environment'," *Ground Water Monitoring and Remediation* 15(1):150-151.
- Focht, Will.** "How to Get Information from a Regulatory Agency (That You Can Rely On!)," *Oklahoma Society of Environmental Professionals Quarterly* 3(3):1,3.
- Focht Will.** "A Proposed Model of Environmental Communication Ethics," *NAPEC Quarterly* 6(1):8-9.
- Focht, Will,** and John Delphon. "How to Reduce the Risks of Noncompliance," *Water Environment and Technology* 7(3):10.
- Focht, Will.** "EPA Sets Tone for Risk Assessment," *AAPG Division of Environmental Geosciences Reporter* (American Association of Petroleum Geologists) 4(2):4-5.
- 1992 Lawler, James J., **Will Focht,** and Earl L. Hatley. "Citizen Participation in Hazardous Waste Controversies: The NIMBY Syndrome in Oklahoma," *National Social Science Perspectives Journal* 4:61-75.

TECHNICAL REPORTS

- 2010 **Focht, Will,** and Mike Langston. *Design and Application of the Nutrient Management Decision Support System.* Final report to the US Department of Agriculture of research findings related to stakeholder participation in the design and use of NMDSS in the Eucha-Spavinaw watershed.
- 2009 **Focht, Will,** and Matt Albright. *Enhancing Stakeholder Acceptance of Bioremediation Technologies.* Final report to the US Department of Energy of research findings obtained from their funding of our study of subsurface radionuclide bioremediation at Oak Ridge, Hanford, and Los Alamos.
- 2007 Vincent, Shirley and **Will Focht.** *Perspectives on Environmental Program Curricula and Core Competencies.* Final report to the National Council for Science and the Environment of research findings from our phase I study of higher education institutions whose program directors are members of the Council of Environmental Deans and Directors.
- 2006 **Focht, Will,** Robert Nairn, James Regens, and Chad Settle. *New Methods in Environmental Remediation, Monitoring and Life Cycle Assessment.* Final report to the US EPA of research findings obtained from their funding of our study of the Tar Creek Superfund site engineered wetlands technology.
- 2003 **Focht, Will,** Mike Langston, Todd DeShong, John Wood, and Katera Whitaker. *Socio-Political Assessment Report.* Final report to the US EPA of research findings obtained from their funding of our study of impacts to the Illinois River Basin in Eastern Oklahoma.

NON-REFEREED CONFERENCE PROCEEDINGS

- 2010 **Focht, Will.** "Why This Special Town Hall on Water?" In *Oklahoma's Comprehensive Water Planning*, pp. 6-7.
- 2004 **Focht, Will.** "Moving Toward Sustainable Progress." In *Oklahoma's Environment: Pursuing a Responsible Balance*, pp.1-6.
- Focht, Will.** "A Research and Education Agenda in Support of Sustainability." In *Oklahoma's Environment: Pursuing a Responsible Balance* 7:9-12.
- 2003 **Focht, Will.** "Disciplinary Metaphors in Environmental Program Curricula." In *Proceedings of the 2003 Project Kaleidoscope Conference.*

- Meo, Mark, Lowell Caneday, **Will Focht**, Robert Lynch, Fekadu Moreda, Blake Pettus, Ed Sankowski, Zev Trachtenberg, Baxter Vieux, and Keith Willett. "Water Planning in the Illinois River Basin," *Oklahoma Resources: Energy and Water* (pp. W94-W98).
- 2002 Veenstra, John, **Will Focht**, and Kirby Mohr. "Stormwater Management Regulations for Hydrocarbon Removal and a Proposed Best Management Practice," *2001 Water Environment Federation Industrial Wastes Technology Conference Proceedings*. (forthcoming)
- 2001 Meo, Mark, Baxter Vieux, Blake Pettis, Edward Sankowski, Robert Lynch, **Will Focht**, Keith Willett, and Lowell Caneday. "Ecological Risks, Stakeholder Values, and River Basins: Testing Management Alternatives for the Illinois River," *Proceedings: 2001 Water and Watersheds Progress Review*, pp. 57-58. Washington, DC: US Environmental Protection Agency.
- 1999 **Focht, Will**, Mike Langston, and John Wood. "A Protocol for the Elicitation of Stakeholders' Concerns and Preferences for Incorporation into Environmental Policy Dialogue." *Proceedings (Economic Research and Policy Concerning Water Use and Watershed Management)*. Available online at <http://206.29.48.66/eed/new.html>.
- Meo, Mark, Baxter Vieux, James Sipes, Edward Sankowski, Robert Lynch, **Will Focht**, Keith Willett, and Lowell Caneday. "Ecological Risks, Stakeholder Values, and River Basins: Testing Management Alternatives for the Illinois River," *Proceedings: 1999 Water and Watersheds Program Review*, pp. 41-42. Washington, DC: US Environmental Protection Agency.
- 1998 Meo, Mark, Baxter Vieux, James Sipes, Edward Sankowski, Robert Lynch, **Will Focht**, Keith Willett, and Lowell Caneday. "Ecological Risks, Stakeholder Values, and River Basins," *Proceedings: 1998 Water and Watersheds Program Review*, pp. 17-18. Washington, DC: US Environmental Protection Agency.
- 1996 **Focht, Will**. "Identifying Stakeholder Preferences for Legitimated Siting Decision Criteria and Processes," *Practical Environmental Directions: A Changing Agenda*, pp. 633-643. Washington, DC: National Association of Environmental Professionals.
- 1995 **Focht, Will**. "NIMBY and TIMBY: What's the Difference?" *Proceedings of the Superfund XVI Conference*, ed. Sharon Hastings and Susan Newman, pp. 4-13. Washington, DC: Hazardous Materials Control Resources Institute.
- 1990 **Focht, Will**. "Resolution of Conflicts among the Regulatory Programs Governing Remedial Action," *Proceedings of the Model Conference on Waste Management and Environmental Restoration, Volume I*, pp. 1-9. Washington, DC: US Department of Energy.
- 1984 **Focht, Will**. "Hazardous Waste Management at Small Academic Institutions," *Proceedings of the American Chemical Society*.

CONFERENCE PRESENTATIONS

INTERNATIONAL CONFERENCES

- 2019 Kimberly Reiter and **Will Focht**. *Supradisciplinary, Complexity and Systems-Based Approach to Education for Sustainable Human and Environmental Systems*. Fifteenth International Conference on Environmental, Cultural, Economic & Social Sustainability, Vancouver, British Columbia.
- 2018 **Will Focht**. *Education for Sustainable Human and Environmental Systems: From Theory to Practice – Theoretical Approach*. Twenty-Fourth International Interdisciplinary Conference on the Environment, Montréal, Quebec.
- Kimberly Reiter and **Will Focht**. *Transcending Disciplinary Approaches to Education for Sustainable Human and Environmental Systems*. Sustainability Curriculum Consortium Conference, Pittsburgh, PA.

- 2017 Joel Billings and **Will Focht**. *Sleep in the Fire Service: A Study of Firefighter Habits and Their Implications*. 17th Annual Conference on Fire-Related Research and Developments, Birmingham, England.
- 2016 **Will Focht** and Steve Kolmes. *A Complexity-Based Supradisciplinary Approach to Sustainability Education: Sustainable Human and Environmental Systems (SHES)*. Twelfth International Conference on Environmental, Cultural, Economic, and Social Sustainability, Portland, OR.
- Will Focht**. *Education for Sustainability: Robust Framing and System Viability Assessment*. Twenty-Second International Interdisciplinary Conference on the Environment, Austin, TX.
- 2014 Paul A. Barresi, **Will Focht**, Michael A. Reiter, Richard C. Smardon, Michael Humphreys, Kimberly D. Reiter, Steven A. Kolmes. *Revealing Complexity in Educating for Sustainability: An Update on the Work of the Roundtable on Environment and Sustainability*. Second World Symposium on Sustainable Development at Universities, Manchester, England.
- 2012 Mike Reiter, **Will Focht**, Paul Barresi, Susan Gill, Richard Smardon, Susan Baker, Kimberly Reiter, Eric Fitch, Terry Rolfe, and Sue Bumpous. *Making Education for Sustainability Work on Campus: The Proposals of the Roundtable on Environmental Systems and Sustainability*. World Symposium on Sustainable Development at Universities, Rio de Janeiro, Brazil.
- 2010 Sandra Rodríguez-Piñeros, David Lewis, and **Will Focht**. *The Role of Analysis and Deliberation in Community Preferences for Indicators of Sustainable Forest Management*. 16th International Symposium on Society and Resource Management (The Tyranny of “Or.” Conservation or Development? Preservation or Utilization?”), Corpus Christi, TX.
- Will Focht**. *The Case for Supradisciplinarity*. Sixteenth Interdisciplinary Conference on the Environment, sponsored by the Interdisciplinary Environmental Association, Tucson, AZ.
- 2009 **Will Focht**, Shirley Vincent, and David Blockstein. *Environmental Curricula in Higher Education: Exploring Common Ground*. 52nd Annual Conference on Great Lakes Research: Bridging Ecosystems and Environmental Health across Our Great Lakes, sponsored by the International Association for Great Lakes Research, Toledo, OH.
- Will Focht**. *Conceptualizing Sustainability: The “Ecoplex” Octahedron*. International Fifteenth Interdisciplinary Conference on the Environment, sponsored by the Interdisciplinary Environmental Association, Daytona, FL.
- Will Focht**. *Abduction from Second-Order Factor Analysis*. International Q Symposium, Oklahoma State University College of Education, Stillwater, OK.
- Will Focht** and Matt Albright. *Exploring Opportunities for Stakeholder Acceptance of Radioactive Contamination Bioremediation at DOE Sites*. International Q Symposium, Oklahoma State University College of Education, Stillwater, OK.
- Will Focht**. *Perspectives on Environmental Curricula in Higher Education*. International Q Symposium, Oklahoma State University College of Education, Stillwater, OK.
- Will Focht** and James Hull. *Framing Policy Solutions in a Conflicted Policy Environment*. International Q Symposium, Oklahoma State University College of Education, Stillwater, OK.
- 2008 Sandra Rodríguez-Piñeros, **Will Focht**, Diane Montgomery, and David Lewis. *Development of Socially Acceptable Indicators of Sustainable Forest Management*. International Society for the Scientific Study of Subjectivity, Hamilton, Ontario.
- Will Focht**. *Environmental Field Identity: Sustaining the Interface between Human and Natural Systems*. Fourteenth International Interdisciplinary Conference on the Environment, sponsored by the Interdisciplinary Environmental Association, Edmonton, Alberta.

- Will Focht.** *Interdisciplinary Environmental Curricula: Laying a Conceptual Foundation Based on Sustainability.* XVIth International Conference of the Society for Human Ecology, Bellingham, WA.
- 2006 **Will Focht.** *Reconceptualizing Disciplinarity: The “Stonehenge” Metaphor.* Santa Barbara Summit on the Environment, Santa Barbara, CA.
- Will Focht.** *Abductory Exploration through Second-Order Factor Analysis.* International Society for the Scientific Study of Subjectivity, Trondheim, Norway.
- Will Focht.** *Competing Paradigms of Disciplinarity: Implications for Environmental Curriculum Design.* Twelfth International Interdisciplinary Conference on the Environment, sponsored by the Interdisciplinary Environmental Association, Kona, HI.
- Shirley Vincent and **Will Focht.** *Understanding the Sociopolitical Context of Remediation Technology Acceptance: A Case Study of the Tar Creek (Oklahoma) Superfund Site.* XIVth International Conference of the Society for Human Ecology, Bar Harbor, ME.
- David Schmidly, Jane Talkington, and **Will Focht.** *Global Landscapes, Citizenship, and Sustainability.* Global Carbon Project, Mexico City, Mexico.
- 2004 **Will Focht.** *Sustainable Development Planning in the Songkhla Lake Basin: Perspectives on Participation.* Faculty of Environmental Management, Prince of Songkla University, Hat Yai, Thailand.
- Will Focht** and Matt Albright. *Exploring Opportunities for Stakeholder Acceptance of Bioremediation of Radioactive Contamination at DOE Sites.* International Society for the Scientific Study of Subjectivity, Athens, GA.
- 2003 **Will Focht.** *Perspectives on University Environmental Program Curricula.* International Society for the Scientific Study of Subjectivity, Canton, OH.
- Will Focht** and Rob Anex. *Stakeholders' Willingness to Make Risk-Risk Tradeoffs: The Case of Radionuclide Bioremediation.* Society for Risk Analysis, Baltimore, MD.
- Will Focht** and Marty Matlock. *Integration of Scientific Knowledge, Professional Engineering Management, and Social Values to Inform Ecosystem Management Deliberations.* Eighth Virgin Islands Nonpoint Source Pollution Conference: Strengthening Community Awareness to Protect and Restore Our Environment, St. John, US Virgin Islands.
- 2002 **Will Focht** and Jim Hull. *Framing Policy in a Conflicted Policy Environment.* International Society for the Scientific Study of Subjectivity, Durham, England.
- Paul Sabatier, **Will Focht**, Mark Lubell, Zev Trachtenberg, Arnold Vedlitz, and Marty Matlock. *Swimming Upstream: Collaborative Approaches to Watershed Management.* International Society for Ecosystem Health, Washington, DC.
- Rob Anex and **Will Focht.** *Public Participation and Life-Cycle Assessment.* North American meeting of the Society of Environmental Toxicology and Chemistry, Salt Lake City, UT.
- Stephen J. Klaine, Alan R. Johnson, Billy J. Barfield, Daniel E. Storm, Scott R. Templeton, John Hayes, and **Will Focht.** *A Conceptual Model to Explain Biocomplexity Issues in Sustainability.* North American meeting of the Society of Environmental Toxicology and Chemistry, Salt Lake City, UT.
- 2001 Robert Anex, Chad Settle, and **Will Focht.** *A Framework for Integrated Benefit-Cost and Risk Analysis of Environmental Technology.* Society for Risk Analysis, Seattle, WA.
- Will Focht.** *Predicting Stakeholder Involvement Preferences.* East-West Center Workshop on Valuation of Environmental Resources, Honolulu, HI.
- Mark Meo, Lowell Caneday, **Will Focht**, Robert Lynch, Fekadu Moreda, Blake Pettus, Ed Sankowski, Zev Trachtenberg, Baxter Vieux, and Keith Willett. *From Conflict to Consensus: The Role of Science, Stakeholders, and Values in Guiding the Management of the Illinois River Basin.* Integrated Decision-Making for Watershed Management Symposium: Process and Tools, Chevy Chase, MD.

- 2000 Robert Anex and **Will Focht**. *Stakeholder Processes in Life Cycle Assessment and Comparative Risk Assessment*. Society for Risk Analysis, Arlington, VA.
Will Focht. *Application of Q Methodology to Assess Policy Conflict*. International Society for the Scientific Study of Subjectivity, Tulsa, OK.
- 1999 Diane Montgomery and **Will Focht**. *Teaching Q at OSU*. International Society for the Scientific Study of Subjectivity, Columbia, MO.
- 1997 **Will Focht**. *The Many Faces of Trust*. Second International Conference on Social Trust in Risk Management, Bellingham, WA.
- 1996 **Will Focht**. *Trust: The Foundation for Synergistic Community-Industry Relations*. International Conference on Energy and the Environment, Stillwater, OK.
Will Focht. *Uncertainty, Controversy and Distrust: Why Risk-Based Decision Making Has Limited Utility as a Decision Rule*. First International Conference on Social Trust in Risk Management, Bellingham, WA.
- 1995 **Will Focht**. *A Synoptic Process Theory of Legitimated Environmental Decision Making and Communication*. Society for Risk Analysis, Honolulu, Hawaii.
Will Focht. *Gaining Stakeholder Acceptance of Technological and Environmental Decision Making*. International Symposium on Industrialization and Environment, sponsored by Taejon National University of Technology, Taejon, Korea.
Will Focht. *Innovative Approaches to Risk Communication to Effectively Address Public Concern*. III Congreso Internacional Energia, Ambiente e Innovación Tecnológica, Universidad Central de Venezuela and Università di Roma "La Sapienza," Caracas, Venezuela.
Will Focht. *Comparison of Stakeholder Perspectives in Hazardous Waste Facility Siting Controversies in Oklahoma*. International Society for the Scientific Study of Subjectivity, Chicago, IL.
- 1994 **Will Focht**. *The Duality Problem in Local Environmental Decision Making*. Poster Presentation. Society for Risk Analysis, Baltimore, MD.
- 1993 **Will Focht**, Rob Krueger, and James J. Lawler. *Exploring Solutions to Gridlock, or How to Build a Bridge: Choosing the Preferred Citizen Participation Strategy to Avert NIMBY Community Responses*. Annual Meeting of the Society for Risk Analysis, Savannah, GA.
- 1992 **Will Focht**, Michael W. Hirlinger, and James J. Lawler. *Risk Perception and Risk Aversion as Predictors of Political Participation*. Annual Meeting of the Society for Risk Analysis, San Diego, CA.

NATIONAL CONFERENCES

- 2018 Kimberly Reiter and **Will Focht**. *Education for Sustainable Human and Environmental Systems: Supradisciplinary, Complexity and Systems-Based Approach*. Sustainability Curriculum Consortium Faculty Conference, Pittsburgh, PA.
- 2016 **Will Focht**. *A Framework for Higher Education for Sustainability: Transcending Disciplines in Complex Systems Framing and Assessment*. Annual Conference of the Association for Environmental Studies and Sciences, Washington, DC.
- 2015 **Will Focht** and Steve Kolmes. *Sustainable Human and Environmental Systems: Supradisciplinary Complexity-Based Education for Sustainability*. Annual Conference of the Association for Environmental Studies and Sciences, La Jolla, CA.
Will Focht. *Q: Theory, Method and Technique*. Annual Meeting of the Association for Environmental Studies and Sciences, La Jolla, CA.
- 2012 Mike Reiter, **Will Focht**, Paul Barresi, Susan Gill, Richard Smardon, Susan Baker, Kimberly Reiter, and Sue Bumpous. *Developing Sustainability Program Assessment Rubrics: Proposals from the Roundtable on Environmental Systems and Sustainability*. Annual Conference of the Association for Environmental Studies and Sciences, Santa Clara, CA.

- 2011 **Will Focht.** *Teaching Supradisciplinarily: Complexity Enhancement versus Disciplinary Integration.* Annual Conference of the Association for Environmental Studies and Sciences, Burlington, VT.
- Will Focht.** *Complexity Approach to Supradisciplinary Environmental Education.* Seventh Roundtable on Environmental Science and Study, sponsored by the Interdisciplinary Environmental Association, Philadelphia, PA.
- Will Focht.** *Embracing Supradisciplinarity: A Polemic on the Preference for Complexity Building over Disciplinary Integration.* Sixth Roundtable on Environmental Science and Study, sponsored by the Interdisciplinary Environmental Association, Kona, HI.
- Will Focht.** *Institute Performance Reporting System.* Annual Meeting of the National Institutes for Water Resources, Washington, DC.
- Will Focht.** *Proposed Changes to NIWR Bylaws.* Annual Meeting of the National Institutes for Water Resources, Washington, DC.
- Will Focht.** *IMPACT Awards.* Annual Meeting of the National Institutes for Water Resources, Washington, DC.
- Karl Wood and **Will Focht.** *The South-Central Consortium for Watershed Excellence: Building Capacity for Best Management of Water Resources.* Annual Meeting of the National Institutes for Water Resources, Washington, DC.
- 2010 **Will Focht.** *University-Government Partnership in Planning a Sustainable Water Future.* Annual Meeting of the Association of Public and Land-Grant Universities, Dallas, TX.
- Will Focht** and Shirley Vincent. *Sustainability as a Conceptual Framework for ESS Curricular Design.* Annual Conference of the Association for Environmental Studies and Sciences, Portland, OR.
- Shirley Vincent and **Will Focht.** *Approaches to Sustainability in ESS Program Curricula.* Annual Conference of the Association for Environmental Studies and Sciences, Portland, OR.
- Will Focht.** *Sustainability as a Conceptual Framework for ESS Curricular Design.* Fifth Roundtable on Environmental Science and Study, sponsored by the Interdisciplinary Environmental Association, University of New Hampshire, Manchester, NH.
- Will Focht.** *Transition to Synthesis: On the Evolution of Environmental Curricula in Higher Education.* Fourth Roundtable on Environmental Science and Study, sponsored by the Interdisciplinary Environmental Association, Tucson, AZ.
- 2009 Kendrea Focht, **Will Focht**, and Paula Leslie. *Q Methodology: The Scientific Exploration of Human Subjectivity.* Annual Convention of the American Speech-Language-Hearing Association, New Orleans, LA.
- Will Focht.** *Role of Water Resources Research Institutes in Defining the Nation's Applied Water Research Agenda.* Welcome address to the annual meeting of the Universities Council on Water Resources, Chicago, IL.
- Will Focht.** *NIWR Update.* Annual Meeting of the Universities Council on Water Resources, Chicago, IL.
- Will Focht.** *Transition to Synthesis: On the Evolution of Environmental Curriculum in Higher Education.* Third Roundtable on Environmental Science and Study, sponsored by the Interdisciplinary Environmental Association, Pittsburgh, PA.
- Will Focht** and Shirley Vincent. *Three Paths to Environmental Sustainability Education: Science, Governance, and Management.* Second Roundtable on Environmental Science and Study, sponsored by the Interdisciplinary Environmental Association, Daytona Beach Shores, FL.
- Shirley Vincent and **Will Focht.** *Key Findings from the CEDD Curriculum Study.* Annual meeting of the Council of Environmental Deans and Directors, Airlie Center, Warrenton, VA.

- Will Focht.** *Environmental Specializations: Curriculum Design.* First Roundtable on Environmental Science and Study, sponsored by the Interdisciplinary Environmental Association, Bethune-Cookman University, Daytona, FL.
- Will Focht.** *Environmental Science and Study: On Domain (Identity), Means (Disciplinary), and Ends (Paradigm).* First Roundtable on Environmental Science and Study, sponsored by the Interdisciplinary Environmental Association, Bethune-Cookman University, Daytona, FL.
- Will Focht** and Shirley Vincent. *CEEDD Curriculum Study: Curriculum Models and Core Competency Areas.* First Roundtable on Environmental Science and Study, sponsored by the Interdisciplinary Environmental Association, Bethune-Cookman University, Daytona, FL.
- 2008 **Will Focht.** *Sustainability: A Conceptual Framework.* 2nd AASHE Conference and Exposition, Association for the Advancement of Sustainability in Higher Education, Raleigh, NC.
- Will Focht** and Shirley Vincent. *Environmental Programs – Identity and Curriculum: Prescription for Sustainable Prosperity.* 2008 Summit on Environmental Studies, sponsored by the Association for Environmental Studies and Science, Arkansas State University, Jonesboro, AR.
- Shirley Vincent and **Will Focht.** *CEEDD Curriculum Study Survey Findings: Curriculum Models and Core Competency Areas.* CEDD Winter Meeting, Washington, DC.
- Vincent, Shirley, and **Will Focht.** *Curriculum Study: Survey of Program Leaders.* CEDD Summer Meeting, Stevenson, WA.
- 2007 **Will Focht.** *Aspiring to Supradisciplinary in Environmental Engineering Education.* NSF, Association of Environmental Engineering and Science Professors, and American Academy of Environmental Engineering workshop on environmental engineering education, Arizona State University, Tempe, AZ.
- Will Focht.** *Synergism for Sustainability: Opportunities for Environmental Science, Studies, and Engineering.* NSF, Association of Environmental Engineering and Science Professors, and American Academy of Environmental Engineering workshop on environmental engineering education, Arizona State University, Tempe, AZ.
- Will Focht.** *Patterns in Environmental Curricula: Implications for Environmental Engineering.* NSF, Association of Environmental Engineering and Science Professors, and American Academy of Environmental Engineering workshop on environmental engineering education, Arizona State University, Tempe, AZ.
- Will Focht.** *Curriculum Study: From Perspectives and Competencies to Models and Change.* Council of Environmental Deans and Directors, Washington, DC.
- 2005 **Will Focht** and Zev Trachtenberg. *The Role of Trust in Legitimizing Stakeholder Participation.* American Water Resources Association, Seattle, WA.
- Zev Trachtenberg and **Will Focht.** *Legitimacy and Watershed Collaborations.* American Water Resources Association, Seattle, WA.
- Will Focht** and Shirley Vincent. *Perspectives on Curriculum Design among Higher Education Environmental Program Deans and Directors.* National Association of Environmental Professionals, Alexandria, VA.
- Will Focht** and Shirley Vincent. *Report of the Curriculum Committee on Environmental Program Design in Higher Education.* Council of Environmental Deans and Directors, Washington, DC.
- Will Focht** and Matt Albright. *Bioremediation: Gaining Stakeholder Acceptance.* Department of Energy Workshop, Germantown, MD.

- 2004 Robert P. Anex and **Will Focht**. *Testing a Stakeholder Participation Framework for Fielding Bioremediation Technologies*. Department of Energy NABIR Conference, Warrenton, VA.
 Mike Langston and **Will Focht**. *Informing Policy Decisions Using Influence Diagramming*. Ecological Engineering Society, Fayetteville, AR.
Will Focht and Scott Harris. *Community-Based Risk Assessment*. Emergency Readiness Conference and Expo, Dallas, TX.
Will Focht and Shirley Vincent. *Environmental Program Curriculum Development...Next Steps*. Council of Environmental Deans and Directors, Airlie Conference Center, Warrenton, VA.
- 2003 **Will Focht**. *Environmental Curriculum Perspectives, Preliminary Report*. Council of Environmental Deans and Directors, Keystone, CO.
Will Focht. *The Evolution of Federal Environmental Research from Unidisciplinary to Metadisciplinary*. Opening speaker at the Conference on Federal Biological and Environmental Research and Development Opportunities, Washington, DC.
 Marty Matlock and **Will Focht**. *Collaborative Learning as a Tool for Analysis and Deliberation in Watershed Policy Development*. American Geophysical Union, Seattle, WA.
Will Focht. *Perspectives on Undergraduate Environmental Curricula*. Project Kaleidoscope, Portland, OR.
 Indrajeet Chaubey, Marty Matlock, **Will Focht**, Brian Haggard, and Tom Costello. *Engaging Stakeholders: Decision Support Systems in Watershed Management*. American Society of Agronomy, Soil Society of America, and Crop Science Society of America, Denver, CO.
- 2002 **Will Focht**. *Modeling Ecosystem Complexity: Food for Thought*. Biocomplexity Conference, Clemson, SC.
 Robert P. Anex and **Will Focht**. *Testing a Stakeholder Participation Framework for Fielding Bioremediation Technologies*. Department of Energy NABIR Conference, Warrenton, VA.
- 2001 **Will Focht** and Zev Trachtenberg. *Stakeholder Participation: Theoretical Considerations*. USEPA/NSF/USDA Partnership for Environmental Research Water and Watersheds, San Francisco, CA.
 John Veenstra, **Will Focht**, and Kirby Mohr. *Stormwater Management Regulations for Hydrocarbon Removal and a Proposed Best Management Practice*. Industrial Wastes Technical and Regulatory Conference, Charleston, SC.
- 2000 **Will Focht** and Connie Page. *Environmental Health Risk Management in Native Communities: Empowerment Challenges and Successes in Oklahoma*. National Institute for Environmental Health Sciences Environmental Justice Conference, Seattle, WA.
- 1999 **Will Focht**. *Analysis and Deliberation: The Political Scientist's Role in Environmental Policy Design*. American Political Science Association, Atlanta, GA.
Will Focht. *A Protocol for the Elicitation of Stakeholder Concerns and Preferences for Incorporation into Policy Dialogue*. USEPA Environmental and Economics Conference, Seattle, WA.
Will Focht. *Stakeholder Concerns and Impact Management Preferences in the Illinois River Basin, Oklahoma*. US EPA Water Management Conference, Silver Spring, MD.
Will Focht. *Legitimation of Risk Management Policy: Empirical Support for a Prescriptive Model*. Risk Analysis and Policy Association, Alexandria, VA.
Will Focht, Katera Whitaker, Todd DeShong, and John Wood. *Environmental Conflict Assessment Techniques*. USEPA Nonpoint Source Watershed Conference: Innovative Strategies for the New Millennium, Fayetteville, AR.

- 1998 **Will Focht** and David Allen. *Trust and Political Participation: Empirical Support for a Prescriptive Model*. National Association of Environmental Professionals, San Diego, CA.
Will Focht and Katera Whitaker. *Use of Mental Modeling in River Basin Impact Assessment and Management*. National Association of Environmental Professionals, San Diego, CA.
- 1997 **Will Focht**. *Dimensions of Trust: A Comparison of Views in Venezuela and Oklahoma*. National Association of Environmental Professionals, Orlando, FL.
- 1996 **Will Focht** and James Lawler. *The Use of Q Methodology in Policy Dialogue*. Symposium on Q Methodology and Public Policy, Association for Public Policy Analysis and Management, Pittsburgh, PA.
Will Focht. *Identifying Stakeholder Preferences for Legitimated Environmental Decision Criteria and Processes*. National Association of Environmental Professionals, Houston.
Suzanne McClendon and **Will Focht**. *Cognitive Mapping of Stakeholder Views of Trust in Hazardous Waste Site Remediation Controversies*. National Association of Environmental Professionals, Houston, TX.
- 1995 **Will Focht**. *NIMBY and TIMBY: What's the Difference?* Superfund XVI Conference, Hazardous Materials Control Resources Institute, Washington, DC.
Nick Smith-Sebasto and **Will Focht**. *Communication for Environmental Policy Making and Ecologically Sustainable Development: A Model for Stakeholder Participation*. Communication and Our Environment Conference, Chattanooga, TN.
- 1993 **Will Focht**. *Practical Ethics in Environmental Communication*. Presented at the annual meeting of the National Association of Professional Environmental Communicators, San Francisco, CA.
- 1991 James J. Lawler, **Will Focht**, and Earl L. Hatley. *Citizen Participation in Hazardous Waste Controversies: NIMBY and Beyond*. National Social Science Association, El Paso, TX.
- 1988 **Will Focht** and John Dugdale. *Protect Yourself from Criminal Liability*. Waste Testing and Quality Assurance Symposium, Washington, DC.
- 1974 Ronald Downey, **Will Focht**, and Charlotte Rosenthal. *Subunit Character of the NADPH-Nitrate Reductase from Aspergillus nidulans*. American Society for Microbiology, Chicago, IL.

REGIONAL CONFERENCES

- 2009 **Will Focht**. *Stakeholder Participation in Legitimated Statewide Water Planning*. Environmental Protection Agency Groundwater Summit, Dallas, TX.
Will Focht. *Strategic Water Planning at the Interface of Science and Policy*. Land, Water, People Conference, San Marcos, TX.
Will Focht. *Oklahoma Water Resources Research Institute Involvement in Watershed Management*. Address at announcement of creation of the Consortium for Watershed Excellence, San Marcos, TX.
- 2008 **Will Focht**. *National Institutes for Water Resources and the States: Working Together*. Western States Water Conference, Oklahoma City, OK.
Will Focht. *On Core Competencies in ESS Programs: Interdisciplinary Approach to Sustainable Prosperity*. Environmental Sciences and Studies Workshop, Lafayette College, Easton, PA.
- 2007 **Will Focht**. *Strategic Water Resource Management Planning in Oklahoma: Application of a FIT Stakeholder Participation Process*. Regional Economic Summit, Joplin, MO.
- 2005 **Will Focht**. *Is It Possible to Transcend Disciplinary Boundaries in Designing Environmental Curricula?* Keynote address at symposium entitled "Multi, Inter, Trans, or Meta?...Overcoming Disciplinary Boundaries in Environmental Curricula," sponsored by the Hudson Valley Environmental Education Consortium, White Plains, NY.

- Will Focht** and Matt Albright. *Bioremediation: Perceptions, Perspectives, Preferences*. Presentation at stakeholder workshop on bioremediation acceptance, Oak Ridge, TN.
- 2004 **Will Focht** and Zev Trachtenberg. *The Role of Trust in Legitimizing Stakeholder Participation*. Coupling Public Participation and MCDA for Environmental Decision Making, Policy, and Design, University of New Hampshire, Durham, NH.
- Will Focht** and Zev Trachtenberg. *Trust and Policy Legitimacy*. Annual meeting of the New England Chapter of the Society for Risk Analysis, Boston, MA.
- 2002 **Will Focht** and Jim Hull. *Framing a Policy Response in a Conflicted Policy Environment: An Application of Q Methodology to a Superfund Cleanup*. Western Political Science Association, Long Beach, CA.
- Will Focht**. *Conflicted Perspectives on Watershed Management Policy*. Southwest regional meeting of the American Culture Association/Popular Culture Association, Albuquerque, NM.
- 1999 **Will Focht** and James J. Lawler. *Stakeholder Perspectives in NIMBY Controversies*. Western Social Science Association, Fort Worth, TX.
- Will Focht** and James J. Lawler. *Greenfield versus Brownfield: A Diagnosis of Two Environmental Conflicts*. Western Political Science Association, Seattle, WA.
- 1995 **Will Focht**, James J. Lawler, David Wright, and Michael W. Hirlinger. *Quality of State Environmental Protection Programs*. Southwestern Political Science Association, Dallas.
- 1992 **Will Focht**, Michael W. Hirlinger, and James J. Lawler. *NIMBY-Motivated Participation: The Effects of Perceived Risk*. Southwestern Political Science Association, Austin, TX.
- 1990 James J. Lawler, **Will Focht**, and Earl L. Hatley. *Hazardous Waste Controversies in Oklahoma*. Southwestern Political Science Association, Ft. Worth, TX.
- 1989 Lawler, James J., **Will Focht**, and James Dickson. *Disarming the Ticking Bomb: A Strategy for the Successful Management of Public Reaction to Risk Information Provided Under Hazardous Waste Statutes*. Southern Political Science Association, Memphis, TN.
- Lawler, James J., and **Will Focht**. *Risk Communication and Citizen Participation under Superfund, Title III: Strategies for Reconciling Citizen Participation with Technical Opinion under the Emergency Planning and Community Right-To-Know Act*. Southwestern Political Science Association, Little Rock, AR.

STATE CONFERENCES

- 2010 **Will Focht**. *Public Input Update on the Oklahoma Comprehensive Water Plan*. 31st Annual Governor's Water Conference, Oklahoma City, OK.
- 2009 **Will Focht**. *Report on Planning Workshops*. 30th Annual Governor's Water Conference, Oklahoma City, OK.
- Will Focht**. *Sustainability: Curricular Ends and Means*. Oklahoma Sustainability Network Conference, Edmond, OK.
- 2008 **Will Focht**. *Public Participation Process: An Update*. 29th Annual Governor's Water Conference, Oklahoma City, OK.
- Will Focht**. *Public Participation in Oklahoma Water Planning*. 22nd Annual Sovereignty Symposium, Oklahoma City, OK.
- Will Focht**. *Quality of Life and the Environment: Opportunities for Sustainable Prosperity in Oklahoma*. Workshop on Environment, sponsored by Leadership Oklahoma, Tahlequah, OK.
- 2007 **Will Focht**. *Avoiding Water Wars: A Stakeholder Participation Strategy Aimed at Consensus*. Oklahoma Sustainability Network Conference, Tulsa, OK.
- Will Focht**. *Stakeholder Participation in Oklahoma Water Planning*. Oklahoma Clean Lakes and Watersheds Association annual symposium, Tahlequah, OK.
- Will Focht**. *Public Comments on the Water Plan*. 28th Annual Governor's Water Conference, Oklahoma City, OK.

- Will Focht.** *Oklahoma Comprehensive Water Planning Process.* OWRRI Water Research Symposium, Oklahoma City, OK.
- 2006 **Will Focht.** *Exploring the Relationship between Water Science and Policy.* Oklahoma Water Research Symposium, Oklahoma City, OK.
- Will Focht.** *Practices of Effective Community Advisory Councils.* Conoco-Phillips Community Advisory Council, Ponca City, OK.
- Will Focht.** *On the Interface of Water Science and Policy.* Oklahoma Water Research Symposium, Oklahoma City, OK.
- Will Focht.** *Stakeholder Participation in Revision of Oklahoma's Strategic Water Resources Management Plan.* Governor's Water Conference, Oklahoma City, OK.
- Mike Langston and **Will Focht.** *Case Study: Eucha/Spavinaw Basin Stakeholder Concerns and Preferences.* Oklahoma Water Research Symposium, Oklahoma City, OK.
- 2005 **Will Focht.** *Paradigms of Disciplinarity: Implications for Curriculum Design.* OSU Research Week Presentation, Stillwater, OK.
- 2004 **Will Focht.** *Water Resource Professionals' Water Management Research Needs.* Oklahoma Water Research Symposium, Stillwater, OK.
- Will Focht.** *Report from the Oklahoma Academy for State Goals Town Hall Meeting on Sustainable Water Management.* Oklahoma Symposium on Water and Watersheds, Stillwater, OK.
- 2003 **Will Focht.** *Support of Environmental Conflict Management by the Environmental Science Graduate Program and the Environmental Institute at OSU.* Institute for Issue Management and Alternative Dispute Resolution, Stillwater, OK
- 2001 **Will Focht.** *The Challenge of Coupling Policy Analysis and Policy Deliberation.* Oklahoma Political Science Association meeting, Stillwater, OK.
- 2000 **Will Focht.** *Risk, Conflict Assessment and Decision-Making: An Open Dialogue on Theories and Their Application.* Oklahoma Agriculture Mediation Program meeting, Stillwater, OK.
- 1999 Mahesh Rao and **Will Focht.** *Application of GIS in Environmental Policy Analysis.* Oklahoma Political Science Association, El Reno, OK.
- 1999 John Wood and **Will Focht.** *Illinois River Protocol: Sociopolitical Perspectives on Water Quality – Concerns and Preferences.* Oklahoma Academy of Sciences, Edmond, OK.
- 1998 **Will Focht.** *Risk Communication in Local Communities.* Winter Conference for Professional City Administrators, Stillwater, OK.
- 1995 Suzanne McClendon and **Will Focht.** *Trust Perception: Using Cognitive Maps to Reveal Stakeholder Perspectives.* Oklahoma Academy of Science, Alva, OK.
- 1990 **Will Focht.** *Reconciling Economic and Ecologic Policies: The Federal Reserve System as a Model for an Environmental Agency.* Oklahoma Academy of Science, Oral Roberts University, Tulsa, OK.
- 1989 **Will Focht.** *Groundwater Remediation Controversy in Ponca City: A Case for Negotiated Decision Making.* Oklahoma Academy of Science, University of Central Oklahoma, Edmond, OK.
- 1988 **Will Focht,** James J. Lawler, and Edward Noltensmeyer. *Risk Communication between Technocrats and Lay Publics in Hazardous Substance Controversies.* Oklahoma Academy of Science, University of Science and Arts of Oklahoma, Chickasha, OK.

CONFERENCES, WORKSHOPS AND PANELS CHAIRED, CO-CHAIRLED OR ORGANIZED

- 2018 *Sixteenth Roundtable on Sustainable Human and Environmental Systems.* SUNY-College of Environmental Science and Forestry, East Syracuse, NY.
- 2017 *Fifteenth Roundtable on Sustainable Human and Environmental Systems.* SUNY-College of Environmental Science and Forestry, East Syracuse, NY.

- 2016 *Transcending Disciplinary Approaches to Education for Sustainable Human and Environmental Systems*. International Interdisciplinary Conference on the Environment, Austin, TX.
Fourteenth Roundtable on Sustainable Human and Environmental Systems. Washington, DC.
Thirteenth Roundtable on Sustainable Human and Environmental Systems. SUNY-College of Environmental Science and Forestry, East Syracuse, NY.
Twelfth Roundtable on Sustainable Human and Environmental Systems. Bethune-Cookman University, Daytona Beach, FL.
- 2015 *Eleventh Roundtable on Sustainable Human and Environmental Systems*. York University, Toronto, Ontario.
Tenth Roundtable on Environment and Sustainability. University of Portland, Portland, OR.
- 2014 *Ninth Roundtable on Environment and Sustainability*. National Oceanic and Atmospheric Administration, Silver Spring, MD.
- 2013 *Eighth Roundtable on Environmental Science and Study*, sponsored by the Interdisciplinary Environmental Association, Daytona Beach, FL.
- 2012 *Seventh Roundtable on Environmental Science and Study*, sponsored by the Interdisciplinary Environmental Association, Philadelphia, PA.
Sixth Roundtable on Environmental Science and Study, sponsored by the Interdisciplinary Environmental Association, Kona, HI.
- 2011 *Toward a Sustainable Energy Future: Prescriptions for a Responsive Research Portfolio*. Research Week, Oklahoma State University, Stillwater, OK.
- 2010 *Fifth Roundtable on Environmental Science and Study*, sponsored by the Interdisciplinary Environmental Association, University of New Hampshire, Manchester, NH.
Fourth Roundtable on Environmental Science and Study, sponsored by the Interdisciplinary Environmental Association, Tucson, AZ.
- 2009 *Third Roundtable on Environmental Science and Study*. Duquesne University, Pittsburgh, PA.
Second Roundtable on Environmental Science and Study. Daytona Beach Shores, FL.
First Roundtable on Environmental Science and Study. Bethune-Cookman University, Daytona Beach, FL.
- 2008 *Annual Meeting of the National Institutes for Water Resources*. Washington, DC.
Dialogue on Environmental Program Curricula and Sustainability. Council of Environmental Deans and Directors, Stevenson, WA.
- 2006 *Environmental Education*. University-Federal Dialogue, National Council for Science and the Environment, Washington, DC.
On the Interface of Water Science and Policy. Oklahoma Water Research Symposium, Oklahoma City, OK.
- 2005 *Improving Academic Programs to Prepare the Next Generation of Forecasters*. National Council for Science and the Environment, Washington, DC.
Water Research Needs in Oklahoma. Oklahoma Water Research Symposium, Tulsa, OK.
- 2003 *Obstacles and Opportunities for Empowerment in Underserved Communities Facing Environmental Injustice*. National Institute for Environmental Health Sciences, Philadelphia, PA.
- 2002 *In Search of Consensus: Evaluating Public Perspectives on Environmental Threats in Oklahoma*. American Culture Association/Southwest Popular Culture Association, Albuquerque, NM.
Applications of Q Methodology in Health Care Administration. International Society for the Scientific Study of Subjectivity, Durham, England.

- 2001 *Strange Bedfellows: Accommodating Technical Expertise and Democratic Participation in Environmental Policymaking.* Oklahoma Political Science Association, Stillwater, OK.
- 2000 *Q and Conflict Analysis.* International Society for the Scientific Study of Subjectivity, Tulsa, OK.
- 1999 *Environmental Policy in Oklahoma: Issues, Innovations, and Insights.* Oklahoma Political Science Association, El Reno, OK.
- 1997 *Social Trust and Political Legitimacy.* National Association of Environmental Professionals, Orlando, FL.
Research Methodologies Used in Social Trust Research. Second International Conference on Social Trust and Risk Management, Bellingham, WA.
- 1994 *Ethical Environmental Communication.* National Association of Professional Environmental Communicators annual meeting, Denver, CO.

CONFERENCE PANEL PARTICIPANT

- 2006 *Implementing a New Academic Unit: The Division of Environmental and Ecological Engineering.* NSF and Division of Environmental and Ecological Engineering, Purdue University, West Lafayette, IN.
- 2004 *Best Practices in Environmental Education.* Environmental Consortium of Hudson Valley Colleges and Universities Conference, Poughkeepsie, NY.
Q and Policy Sciences Research. International Society for the Scientific Study of Subjectivity, Athens, GA.
- 2003 *Integrating Engineering, Ecology, and Policy to Manage Complex Ecosystems.* Conference on Federal Biological and Environmental Research and Development Opportunities, Washington, DC.
- 2001 *Stakeholder Participation in Watershed Management.* EPA/NSF/USDA Partnership for Environmental Research Water and Watersheds Research Grants meeting, San Francisco, CA.
- 2000 *Is There a Common Future for Comparative Risk Assessment and Life Cycle Assessment: Session 2 – Multiple Risks, Receptors, and Decision-Makers.* Society for Risk Analysis, Washington, DC.
- 1999 *Doctoral Degrees in Emergency Management.* Federal Emergency Management Agency Higher Education Conference, Emmitsburg, MD.

WORKSHOPS/SEMINARS CONDUCTED

- 2013 *A Conceptual Framework of Sustainability.* Geography and Environmental Sustainability Colloquium, University of Oklahoma, Norman, OK.
- 2011 *Getting a Water Plan that Is Both Good and Right: Learning from the Oklahoma Experience (Part I: Theory).* Seminar delivered at Oregon State University, Corvallis, OR.
Getting a Water Plan that Is Both Good and Right: Learning from the Oklahoma Experience (Part II: Application). Workshop delivered at Oregon State University, Corvallis, OR.
Water Planning: The Oklahoma Experience. Seminar delivered at the Arizona Water Research Center, University of Arizona, Tucson, AZ.
- 2010 *Strategic Water Planning: From Theory to Practice.* Seminar delivered at the Arizona Water Research Center, University of Arizona, Tucson, AZ.
Strategic Water Planning: Process and Product. Seminar delivered to the University of Nevada Cooperative Extension, Reno, NV.
- 2008 *Application of Q Methodology in Speech-Language Pathology Studies.* Department of Communication Science and Disorders, School of Health and Rehabilitation Services, University of Pittsburgh, Pittsburgh, PA.
- 2005 *Transcending Disciplinary Models and Limits.* Summer Institute of the Graduate Program on the Environment. The Evergreen State College, Olympia, WA.

Bioremediation: Perceptions, Perspectives, Preferences. Oak Ridge National Laboratory, Oak Ridge, TN.

Bioremediation of Subsurface Radioactive Contamination: Recommendations for Encouraging Stakeholder Acceptance. Department of Energy, Germantown, MD.

Legitimation of Stakeholder Participation in Environmental Decision-Making. Washington State Department of Ecology, Bellevue, WA.

2002 *Environmental Program Curriculum Workshop.* Council of Environmental Deans and Directors Winter Conference, Washington, DC.

Integrating Stakeholder Value Elicitation and MCDA for Environmental Management and Design. University of New Hampshire, Durham, NH.

GRANT HISTORY

EXTRAMURAL RESEARCH GRANTS AND CONTRACTS AWARDED

- 2011 **U.S. Army Corps of Engineers** (Institute for Water Resources). *Identifying and Evaluating Best Practices for the Adaptive Management of Water Resources.* Co-Principal investigator. Two years, \$199,394 (with University of Minnesota, University of Arkansas, and Clemson University; OSU portion \$15,000).
- Southside Tulsa Rotary Club.** *Compressed Natural Gas Conversion Simulator.* Principal investigator to supervise internship by Rachel Gurney. One year, \$3000.
- U.S. Geological Survey** (Base Grant Program). *Oklahoma Water Resources Research Institute Cooperative Program.* Principal investigator. One year, \$92,335.
- 2010 **Oklahoma Water Resources Board.** *Comprehensive Water Plan Supplement 2: Water Resource Management Strategy Seminar and Town Hall Participation.* Principal investigator. One year, \$116,885.
- U.S. Geological Survey** (Base Grant Program). *Oklahoma Water Resources Research Institute Cooperative Program.* Principal investigator. One year, \$92,335.
- U.S. Geological Survey.** *Maintenance and Enhancement of the NIWR.NET Website.* Principal investigator. One year, \$87,784 (through the National Institutes for Water Resources).
- 2009 **U.S. Environmental Protection Agency** (Assessment and Watershed Protection Program Grant). *Transboundary Pathogen Education and Data Characterization in the Red River Basin above Lake Texoma.* Co-principal investigator. One year, \$72,599 (with Texas State University; OSU portion \$28,075).
- U.S. Geological Survey** (Base Grant Program). *Oklahoma Water Resources Research Institute Cooperative Program.* Principal investigator. One year, \$92,335.
- Oklahoma Water Resources Board.** *Comprehensive Water Plan Supplement: Water Science Seminar and Planning Workshop on Coupling Analysis and Deliberation.* Principal investigator. One year, \$73,624.
- U.S. Geological Survey.** *Development of NIWR Intranet Database.* Principal investigator. One year, \$67,800 (through the National Institutes for Water Resources).
- 2008 **U.S. Geological Survey** (Base Grant Program). *Oklahoma Water Resources Research Institute Cooperative Program.* Principal investigator. One year, \$92,335.
- 2007 **Oklahoma Water Resources Board.** *Oklahoma Strategic Water Resources Management Plan: Stakeholder Involvement and Research Support.* Principal investigator. Four years, \$1,336,532.
- U.S. Geological Survey** (Base Grant Program). *Oklahoma Water Resources Research Institute Cooperative Program.* Principal investigator. One year, \$92,335.
- 2006 **U.S. Geological Survey** (Base Grant Program). *Oklahoma Water Resources Research Institute Cooperative Program.* Principal investigator. One year, \$92,335

- 2005 **U.S. Geological Survey** (Base Grant Program). *Oklahoma Water Resources Research Institute Cooperative Program*. Principal investigator. One year, \$92,412.
- 2004 **U.S. Geological Survey** (Base Grant Program). *Oklahoma Water Resources Research Institute Cooperative Program*. Principal investigator. One year, \$92,524.
- National Institutes for Water Resources**. *Q Methodological Investigation of Water Research Priorities*. Principal investigator. Six months, \$2000.
- 2003 **National Council for Science and the Environment**. *Study of Environmental Deans and Directors' Perspectives on Program Curricula*. Principal investigator. Six months, \$5,000.
- Project Kaleidoscope**. *Study of Undergraduate Environmental Faculty Perspectives on Program Curricula*. Principal investigator. Three months, \$2,000.
- U.S. Geological Survey** (Base Grant Program). *Oklahoma Water Resources Research Institute Cooperative Program*. Principal investigator. One year, \$82,234.
- 2002 **U.S. Department of Agriculture and U.S. Environmental Protection Agency** (Joint USDA Cooperative State Research, Education, and Extension Service and USEPA National Center for Environmental Research Program). *A Nutrient Management Decision Support System for the Eucha Basin*. Co-principal investigator. Five years, \$686,000 (with University of Arkansas; OSU portion \$264,834).
- U.S. Environmental Protection Agency** (EPSCoR Program in SEER). *Enhanced Life Cycle Assessment of Innovative Remediation Technologies*. Principal investigator. Two years, \$240,000 (with University of Oklahoma and Iowa State University; SIP portion \$140,823, OSU portion of SIP \$46,200).
- 2001 **National Science Foundation** (Biocomplexity Program). *Systems Approach to Maintaining Natural Capital in Rapidly Developing Watersheds*. Senior personnel. One year, \$100,000.
- U.S. Department of Energy** (Bioremediation and Its Societal Implications and Concerns (BASIC) Program). *Testing a Stakeholder Participation Framework that Enhances Acceptance of Bioremediation Technologies*. Co-principal investigator. Two years, \$198,980 (with University of Oklahoma; OSU portion \$129,140).
- U.S. Geological Survey and Oklahoma Water Resources Research Institute**. *Enhanced Life Cycle Assessment to Guide Environmental Technology Implementation*. Co-principal investigator. Two years, \$105,088 (OSU portion \$23,800).
- National Science Foundation** (Societal Dimensions of Engineering, Science, and Technology Program). *Toward a Better Theory of Public Participation in Environmental Decision-Making*. Q Methodology consultant. Eighteen months, \$134,000 (consultant portion \$4,000).
- 2000 **Integrated Petroleum Environmental Consortium**. *Bioavailability of Petroleum Toxicants in Terrestrial Organisms: Assessment and Use in Ecological Risk Assessment*. Co-principal investigator. Two years, \$203,408.
- U.S. Environmental Protection Agency** (Water and Watersheds Program). *Stakeholder Participation in Watershed Planning*. Co-principal investigator. Two years, \$24,910.
- 1999 **National Institute for Environmental Health Sciences**. *Community-Based Health Risk Management in Native Communities*. Oklahoma principal investigator. Four years, \$1,079,500 (with Tufts University; OSU portion \$256,800).
- 1997 **U.S. Environmental Protection Agency/National Science Foundation** (Partnership for Environmental Research). *Ecological Risks, Stakeholder Values, and River Basins: Testing Management Alternatives for the Illinois River*. OSU lead co-principal investigator. Four years, \$876,696 (with University of Oklahoma and University of Tulsa; OSU portion \$273,738).
- National Institute for Environmental Health Sciences** (Environmental Justice – Partnerships in Communication Program). *Nuclear Risk Management for Native Communities*. Project manager for Oklahoma portion. Two years, \$100,000 (with Tufts University; OSU portion \$16,040).

- 1996 **U.S. Department of Defense** (Small Business Technology Transfer Research Program). *Environmental Field Assessment and Survey Technology*. OSU principal investigator. Three years, \$728,661 (with Nomadics, Inc.; OSU portion \$225,328).
- U.S. Department of Defense** (Small Business Technology Transfer Research). *Enhanced Environmental Site Assessment*. OSU principal investigator. One year, \$33,065 (with Nomadics, Inc.; OSU portion \$10,346).
- 1995 **U.S. Department of Defense** (Small Business Technology Transfer Research). *Hand Held Site Characterization Device*. OSU principal investigator. One year, \$100,000 (with Nomadics, Inc.; OSU portion \$31,740).

EXTRAMURAL TRAINING GRANTS

- 1995 **NASA** (Earth Sciences Summer Program). *Processes of Global Change*. California Institute of Technology, Jet Propulsion Laboratory, Pasadena, CA. \$1000 expenses paid to attend symposium.
- National Science Foundation** (Chautauqua Short Course). *Chaos under Control*. Temple University, Philadelphia, PA. \$1000 tuition paid to attend symposium.

INTRAMURAL RESEARCH GRANTS AWARDED

- 2000 **University Center for Energy Research**. *Demonstration of the Value of GIS in Assessing Cumulative Ecological Risk*. Co-principal investigator. Two years, \$49,020.
- 1998 **University Center for Water Research**. *River Basin Strategic Management Planning: A Comprehensive Demonstration Project for the Caney Creek Basin in Eastern Oklahoma*. Principal investigator. Two years, \$26,300.
- 1996 **Arts and Sciences Research Grant**. *Improving Models of Political Legitimacy in the Environmental Policy Arena*. Principal investigator. One year, \$4622.
- Dean's Incentive Grant**. *Dimensions of Systemic Trust in Environmental and Technological Decision Making*. Principal investigator. One year, \$3000.
- 1995 **Arts and Sciences Research Grant**. *Empirical Test of a Pragmatic Guide for Environmental Decision Making Involving Uncertain Risk*. Principal investigator. One year, \$4444.
- Dean's Incentive Grant**. *The Hyper-Rationalization of Environmental Policy Making: Is It Legitimate?* Principal investigator. One year, \$3000.

INTRAMURAL INSTRUCTIONAL GRANTS

- 2013 **Arts and Sciences**. *Summer Teaching Award* (to develop new courses). One year, \$1000.
- 1998 **Arts and Sciences Extension** (Distance Education Development Grant). *Practical Environmental Compliance: A Webcourse*. One year, \$6200.
- 1997 **Environmental Institute**. *Environmental Management Option in Environmental Sciences Graduate Program*. One year, \$6300.
- Arts and Sciences Extension** (Teletraining Instructional Grant). *The Academy*. One year, \$3000.
- Arts and Sciences Extension** (Webcourse Instructional Grant). *"Web Course Design."* \$250 tuition award for seven week webcourse offered by the Asynchronous Learning Network, Vanderbilt University.
- 1992 **University Committee on Effective Instruction** (Curriculum Innovation Grant Award). *Regulatory Risk Analysis: Environmental Decision-Making under Conditions of Risk and Uncertainty*. One year, \$2238.

COURSES TAUGHT

LECTURE COURSES

- ENVR 5110 ISO 14001 (self-created)
- ENVR 5200 Environment and Civilization (co-created)
- ENVR 5210/GEOG 4210 Environmental Conservation and Sustainability (self-created, taught in Costa Rica)
- ENVR 5503 Environmental Management Practicum (self-created)
- ENVR 6503 Advanced Environmental Management Practicum (self-created)
- GEOG 1014 Geology and Human Affairs
- GEOG 5710 Environmental Law and Regulation (self-created)
- OEH 5262 Occupational and Environmental Health Regulation (University of Oklahoma)
- POLS 1113 American Government
- POLS 3493 Public Policy
- POLS 5113 Public Program Evaluation
- POLS 5613 Public Policy Analysis (self-created, taught at OSU, Turkey, and Korea)
- POLS 5633 Practical Environmental Compliance (self-created)
- POLS 5643 Regulatory Risk Analysis (self-created)
- POLS 5653 Risk Assessment in Emergency Management Planning (self-created)
- POLS 5663 Community Relations in Environmental & Emergency Management (self-created)
- POLS 6133 Research in Fire and Emergency Management Administration (redesigned)
- POLS 6153 Pedagogical Methods for Fire and Emergency Management Instruction (first offering)

THESIS AND INDEPENDENT STUDY COURSES

- ENVR 5000 Thesis
- ENVR 5050 Readings in Environmental Science
- ENVR 5600 Internship in Environmental Management
- ENVR 6000 Dissertation
- ENVR 6050 Advanced Readings in Environmental Science
- ENVR 6600 Advanced Internship in Environmental Management
- GEOG 5000 Thesis
- GEOG 5100 Problems in Hydrogeology
- POLS 5000 Thesis
- POLS 5020 Research in Public Administration, Public Policy, and Politics
- POLS 5040 Readings in Politics, Public Policy, or Public Administration
- POLS 5903 Practicum in Fire and Emergency Management Administration
- POLS 6040 Readings in Fire and Emergency Management Administration

FEATURES, ADJUNCT PROFESSORSHIPS, EXTENSION COURSES, SEMINARS, AND LECTURES

WORK FEATURED IN

- 2010 "Supporting Sustainability Research," in *Vanguard* (OSU's research magazine, pp. 24-25).
- 2009 *Stillwater News Press* (local newspaper), in an article entitled, "Winning with Water," February 9.
- 2008 OCAST Radio Interview on "Sustainability at OSU," December 23.
Stillwater News Press (local newspaper), in an article entitled, "The Water Expert," September 2.
State (official magazine of OSU), in an article entitled, "30 Years of Sustained Growth," Spring issue, p. 81.
- 2002 *Prism*, an Environmental Institute publication, in an article entitled, "Culture and Environment," Summer issue.
- 2000 *OSU Magazine*, in an article entitled "Making a Difference," Spring issue.
- 1999 KOSU-AM radio *What's New at OSU* interview entitled, "Environmental Research at OSU," October 13.

Prism, an OSU Environmental Institute publication, in two articles entitled, "Faculty Highlight: Where There's a Will..." and "Cutting-Edge Education for Environmental Professionals," January/February issue.

The Daily O'Collegian, OSU newspaper, "OSU Today" section, in an article entitled, "Focht Brings Environmental Experience to OSU," October 11.

1998 *The Daily O'Collegian*, OSU newspaper, in an article on OSU's FEMP program, November.

ADJUNCT AND VISITING PROFESSOR

1995 *Occupational and Environmental Health Regulation*
Graduate course at the University Center at Tulsa, sponsored by the University of Oklahoma Health Sciences Center, College of Public Health, Oklahoma City, spring semester.

1994 *The Practical Side of Environmental Compliance and Risk Analysis*
Graduate course in environmental geology, sponsored by Wright State University, Department of Geological Sciences, Dayton, Ohio, May.

OUTREACH COURSE INSTRUCTOR

2014 *Public Policy Analysis* (graduate political science course delivered at the Korean Fire Academy, Cheonan, Republic of Korea)
Public Program Evaluation (graduate political science distance education course)
Research in Fire and Emergency Management Administration (graduate political science distance education course)
Pedagogical Methods in Fire and Emergency Management Instruction (graduate political science distance education course)

2013 *Community Relations in Environmental and Emergency Management* (graduate political science distance education course)

2012 *Public Policy Analysis* (graduate political science course delivered at the Korean Fire Academy, Cheonan, Republic of Korea)
Regulatory Risk Analysis (graduate political science distance education course)
Public Program Evaluation (graduate political science distance education course)

2010 *Public Policy Analysis* (graduate political science course delivered at the Korean Fire Academy, Cheonan, Republic of Korea)
Conservation and Sustainability (graduate environmental science course delivered in Costa Rica)
Regulatory Risk Analysis (graduate political science distance education course)

2009 *Practical Environmental Compliance* (graduate political science distance education course)

2008 *Public Policy Analysis* (graduate political science course delivered at the Korean Fire Academy, Cheonan, Republic of Korea)
Regulatory Risk Analysis (graduate political science distance education course)

2007 *Practical Environmental Compliance* (graduate political science distance education course)

2006 *Regulatory Risk Analysis* (graduate political science distance education course)

2005 *Practical Environmental Compliance* (graduate political science distance education course)

2004 *Regulatory Risk Analysis* (graduate political science distance education course)

Public Policy Analysis (graduate political science distance education course)

2003 *Practical Environmental Compliance* (graduate political science distance education course)

2002 *Risk Assessment for Emergency Managers* (Graduate course at Istanbul Technical University, Istanbul, Turkey, sponsored by the Disaster and Emergency Program at ITU, December)

Risk Assessment in Emergency Management Planning (graduate political science distance education course)

- Regulatory Risk Analysis* (graduate political science distance education course)
- 2001 *Public Policy Analysis* (graduate political science distance education course)
- 2000 *Regulatory Risk Analysis/Public Policy Analysis* (graduate political science distance education course)
- 1996 *Regulatory Risk Analysis* (graduate political science course delivered at the University Center at Tulsa, sponsored by the Environmental Institute, fall semester.
- 1991 *Environmental Law and Regulation* (graduate geology course delivered at the University Center at Tulsa, sponsored by the Environmental Institute, spring semester.
- 1995 *Risk Assessment for Hydrogeologists and Environmental Professionals* (graduate geology distance education course)
- 1985-94 *Practical Approaches to Ground Water Hydrology and Contamination* (graduate geology distance education course)
- 1989 *Ask the Experts* (televised workshop sponsored by engineering distance education)

SEMINAR AND SHORT COURSE INSTRUCTOR

- 2014 *Executive Fire Officer Leadership Program*. Fire Service Training, OSU College of Engineering, Architecture and Technology, Oklahoma City
- 2009 *Journey to Sustainable Prosperity* (Osher Lifelong Learning Institute, OSU College of Education)
- 2003 *Why and How to Work with Stakeholders in Watershed Management* (Arkansas Department of Environmental Quality, Little Rock, AR)
- 2002 *Introduction to Q Methodology* (ISSSS Conference, Durham, England)
- 2001 *Q Methodology* (Stillwater, OK)
- 2000 *Introduction to NEPA and Environmental Assessment* (Vian, OK)
Superfund: Law, Process, Outcome (Gore and Vian, OK)
- 1999 *Q Methodology in Stakeholder Research and Conflict Assessment* (Rutgers University, New Brunswick, NJ, November 5)
- 1998-99 *Q Methodology* (with Diane Montgomery, Stillwater, OK)
- 1996 *Scientific versus Social Constructions of Risk: The Core of Environmental Conflict* (Oklahoma Agriculture Mediation Program, Stillwater, OK)
Conducting Effective Stakeholder Dialogue: The Importance of Trust (Conoco and DuPont, Ponca City, OK)
Risk Analysis Science in Environmental Dispute Resolution (Oklahoma Agriculture Mediation Service, Stillwater, OK)
Environmental Risk Analysis (American Society of Safety Engineers, Stillwater, OK)
- 1995 *Environmental Decision-Making and Communication under Varying Contexts of Uncertain Risk, Social Controversy, and Systemic Distrust: A Normative Process Theory of Legitimation* (OU Health Sciences Center, Oklahoma City)
- 1994 *Petroleum and Petrochemical Spills: Reporting, Emergency Response, Assessment and Management* (US Department of Interior, Albuquerque).
Practical Environmental Compliance (National Ground Water Association, Denver)
- 1993 *Practical Environmental Compliance* (National Ground Water Association, Chicago)
Environmental Decision Making: Integrating Technical Criteria and Social Concerns (Richland, WA)
Conflict Resolution for Regulators (Oklahoma Corporation Commission, Oklahoma City)
Managing for Improved Compliance Decision-Making (PennWell Books, Tulsa)
Effective Citizen Participation in Environmental Decision-Making (OSDH Air Quality Service, Oklahoma City)
Environmental Risk Policy (Marietta Energy Systems, Piketon, OH)

- Environmental Decision Making Involving Uncertain Risk* (OSDH Solid Waste Management Service, Oklahoma City)
- 1992 *Environmental Decision Making under Conditions of Risk & Uncertainty* (Oral Roberts U.)
- 1990 *Risk Analysis and Corrective Action* (Oak Ridge, TN)
- RCRA/CERCLA Corrective Action Workshop* (St. Louis, MO)
- Hazardous Waste Regulation/Corrective Action Colloquium* (Columbus, OH)

INVITED LECTURER/SPEAKER

- 2014 *Complexity-Based Supradisciplinary Education for Sustainability* (guest lecture to faculty and students in the Faculty of Environmental Studies, York University, Toronto, Ontario, October 20)
- 2010 *Interdisciplinary Education* (guest lecture to OSU landscape architecture class, April 7)
- Disciplinary Constructions* (guest lecture to an OSU zoology class, February 10)
- 2009 *Environmental Science and Environmental Studies: What Are They?* (guest lecture to an OSU landscape architecture class, March 11)
- Sustainability and Political Ideology* (speech at First Christian Church, October 8)
- Alternatives to Foster Care* (speech at Leadership Oklahoma, Oklahoma City, OK, January 10)
- 2008 *A Path to Sustainable Prosperity in Oklahoma* (speech at EPA Kerr Laboratory, sponsored by Leadership Oklahoma, Ada, OK, October 25)
- Frameworks of Sustainability* (guest lecture in OSU Spears School of Business, August 26)
- Interdisciplinary Environmental Science and Geography: Much in Common* (guest lecture to Geography Department, April 7)
- Toward Sustainable Prosperity in Oklahoma* (keynote speech at Leadership Oklahoma seminar on the environment, Tahlequah, OK, March 8)
- 2007 *Collaboration toward Sustainability: Disciplinarity, Curriculum, and Research* (Seminar Series in Natural Resource Ecology and Management, Stillwater, OK, March 9)
- Interdisciplinary Environmental Education* (presentation to OSU's Task Force on Graduate Interdisciplinary Programs)
- 2005 *Getting into Environmental Research* (presentation at OSU's Research Week celebration)
- Linking Social and Natural Sciences* (presentation at OSU's Research Week celebration)
- 2004 *Study of Environmental Program Curricula in Higher Education* (University of Washington, Seattle, WA, November 30)
- 2003 *Defining the Environmental Professional* (Oklahoma Association for Environmental Education, Environmental Education Exposition, Stillwater, OK, February 13)
- 1999 *Q Methodology, Cognitive Mapping, and Mental Modeling* (Antioch New England Graduate School, Keene, NH, November 3)
- 1998 *Opportunities in the Environmental Management Profession* (OSU Environmental Science Club, November 10)
- Professions in Environmental and Emergency Management* (OSU graduate environmental science seminar, August 24)
- 1997 *Building and Maintaining Positive Community Relations Based on Mutual Trust*. Guest lecturer in graduate seminar in environmental writing, Stillwater, OK, November 10)
- Understanding and Applying Regulations*. Guest lecturer in graduate seminar in fire and emergency management administration, Stillwater, OK, September 11)
- So, You Want to Be an Environmental Professional?* (teleconference course in OSU graduate environmental science seminar, September 8)

- Rebirth of Civic Journalism: Reflections on the Media's Responsibility to Citizens in a Democracy* (Friends of the Forms and Society of Professional Journalists, OSU, Feb. 19)
- 1996 *Risk-Based Corrective Action Decision-Making Paradigm* (OSU geology graduate course in groundwater risk assessment, April 9)
- Ecological Risk Assessment* (OSU environmental sciences graduate course, April 2)
- Technological Decision-Making* (American Institute of Chemical Engineers, OSU Chapter, Stillwater, OK, March 27)
- A Proposed Guide for Legitimated Environmental Communication* (OSU English graduate course in environmental communication, March 19)
- Federal Risk Policy* (OSU geology graduate course in risk assessment, January 9)
- 1995 *Railroads, Elephants, and Pete Rose: Preparing for a Career in the Environmental Profession* (OSU Environmental Career Seminar, April 18)
- 1994 *Fostering a Mutually Beneficial Relationship with the EPA...An Insider's Perspective* (Oklahoma Water Environment Association, Oklahoma City, November 17)
- Theoretical Considerations in Ethical Risk Communication* (Society for Technical Writing, OSU, October 3)
- 1993 *The National Academy of Science's Risk Analysis Paradigm* (Association for Women Geoscientists, Oklahoma City, June 15)
- 1990 *Report of Faculty, Staff, and Student Opinion on Solid Waste Recycling at OSU* (interview on KOSU Radio, April 11)
- 1989 *Tackling Toxics* (Oklahoma League of Women Voters, Stillwater, OK, April 25)
- Environmental Regulation: A Regulator's View* (OSU Society of Environmental Scientists, Stillwater, OK, March 3)
- Establishing a Recycling Program* (televised interview on OSU Today program, Feb. 22).
- 1988 *The Relevance of Risk Perception* (PC Toxic Concerned Citizens, Ponca City, Oct. 25)

SPECIAL RECOGNITION AND AWARDS

AWARDS

- Grand Official Diploma (Order of Merit), Corps of Military Firefighters, Federal District of Brazil (2012)
- Team Builder Award, Keep Oklahoma Beautiful Statewide Competition (to OWRRRI) (2008)
- OSU Technology Innovator Award (2004)
- Regents Distinguished Research Award (nominations 2003, 2004, 2005)
- Full Membership, Graduate Faculty (2002)
- Western Political Science Association Pi Sigma Alpha Award for Best Paper (nomination 2002)
- Phoenix Award for Outstanding Graduate Faculty Award (nomination 2002)
- Sigma Xi Young Investigator Award (nominations 2001 and 2004)
- OSU A&S Junior Faculty Award (nomination 2000)
- Amoco Teaching Excellence Award (nomination 1997)
- OSU President's Faculty Excellence Award (1996)
- Associate Membership, Graduate Faculty (1995)
- Phoenix Award as "The Outstanding Masters Student at OSU" (1992)
- Habiby Award for Outstanding Graduate Research in Political Science (1992 and 1993)
- OSU Centennial Scholar (1991)
- U.S. Environmental Protection Agency Bronze Medal (1986)
- U.S. Environmental Protection Agency Superior Achievement Certificate (1985)
- U.S. Environmental Protection Agency Special Recognition Certificate (1983 and 1987)

HONOR SOCIETIES

- Sigma Xi, the Scientific Research Society (1999)
- Phi Kappa Phi (undergraduate and graduate) (1973, 1993, and 1995)
- Alpha Epsilon Lambda (graduate) (1991)

Pi Sigma Alpha (political science) (1990)
 Tau Beta Pi (engineering) (1979)
 Chi Epsilon (civil engineering) (1979)

OTHER SPECIAL RECOGNITION

Certified Trainer in Fire Service Leadership, International Public Safety Leadership & Ethics (2014)
 Leadership Oklahoma, Class XXI (2008)

PROFESSIONAL AFFILIATIONS

ENVIRONMENTAL SCIENCE AND POLICY

Association for Environmental Studies and Sciences
 Council of Environmental Deans and Directors
 Council of Energy Research and Education Leaders
 National Association of Environmental Professionals
 National Council for Science and the Environment
 National Institutes for Water Resources
 Risk Assessment and Policy Association
 Social Science Group on Risk
 Society for Risk Analysis
 Universities Council on Water Resources

POLITICAL SCIENCE/SOCIAL SCIENCE

Community of Science
 International Society for the Scientific Study of Subjectivity
 Oklahoma League of Political Scientists
 Oklahoma Political Science Association

LEADERSHIP

Leadership Oklahoma
 Oklahoma Academy for State Goals

PROFESSIONAL SERVICE

EDITORIAL

Guest Editor, *Sustainability* special issue on "Design and Implementation of Sustainability Programs in Higher Education" (2016-17)
 Editorial Board, *Journal of Environmental Studies and Sciences* (2013)
 Associate Editor, *Journal of Environmental Studies and Sciences* (2012)

MANUSCRIPT REVIEWS

Books

Governance for Sustainable Development: A Foundation for the Future, edited by Georgina Ayre and Rosalie Callway (Politics and Governance Series). London: Earthscan, 2005. Pp. xix + 209, index. ISBN 1 84407 207 X and 1 84407 208 8

Advancing Sustainability at the Sub-National Level: The Potential and Limitations of Planning, edited by Eran Feitelson (Urban Planning and Environment Series). Aldershot: Ashgate Publishing Limited, 2004. Pp. x + 238; index. ISBN 0 7546 3887 1

In Search of Sustainable Livelihood Systems: Managing Resources and Change, edited by Ruedi Baumgartner and Ruedi Högger (Social Change and Modernization Series). London: Sage Publications, 2004. Pp. 396. ISBN 9 78076 199 8082

Book Prospecti

W.W. Norton (1)
 CRC Press/Lewis Publishers (1)

Journals

Interdisciplinary Environmental Review (2)

Journal Articles

Environment, Development and Sustainability (1)

Environmental Management (3)

Environmental Policy and Governance (1)

Environmental Practice (1)

Geoforum (1)

Interdisciplinary Environmental Review (1)

International Fire Service Journal of Leadership and Management (1)

Journal of Environmental Studies and Sciences (6)

Operant Subjectivity (3)

Policy Sciences (2)

Public Administration Review (1)

Regulation and Governance (1)

Risk Analysis (1)

Risk: Health, Safety & Environment (3)

Rural Sociology (1)

Society and Natural Resources (1)

Research Grant Proposals

National Science Foundation (6)

Western Region Water Resources Research Competitive Grants Program (1)

PROGRAM REVIEWS*Academic Program Reviews*

Lafayette College Environmental Studies Program (proposed new program)

Mesa State College Environmental Science and Technology Program

Metropolitan State College of Denver Environmental Science Program

Purdue University Ecological Engineering Program

The Evergreen State University Environmental Studies Program

University of Washington-Seattle Program on the Environment

University of Washington-Tacoma Environmental Science Program

PROFESSIONAL ORGANIZATION OFFICES*National and International*

2015- Co-Chair, Sustainable Human and Environmental Systems Roundtable

2011-14 Co-Chair, Environmental Systems and Sustainability Roundtable, Interdisciplinary Environmental Association

2010-11 Energy Education Working Group [a joint venture of the Council of Energy Research and Education Leaders (CEREL) and the Council of Environmental Deans and Directors (CEDD) of the National Council for Science and the Environment (NCSE)

Past President and Executive Committee Member, Board of Directors, National Institutes for Water Resources]

Co-Chair, Environmental Education Roundtable, Interdisciplinary Environmental Association

2009-10 President and Executive Committee Member, Board of Directors, National Institutes for Water Resources

Chair, Section on Water Resources, Board on Natural Resources, Association of Public and Land Grant Universities

Co-Chair, Environmental Education Roundtable, Interdisciplinary Environmental Association

- 2008-10 President-Elect and Executive Committee Member, Board of Directors, National Institutes for Water Resources
Co-Chair, Environmental Education Roundtable, Interdisciplinary Environmental Association
- 2008-09 President-Elect, National Institutes for Water Resources
- 2006-09 Member, Board of Directors, National Institutes for Water Resources
Chair, Curriculum Committee, Council of Environmental Deans and Directors
- 2004-06 Member, Executive Board, Council of Environmental Deans and Directors
- 2003-06 Co-Chair, Curriculum Committee, Council of Environmental Deans and Directors
- 2002-10 Lead Delegate, Universities Council on Water Resources
- 1998-99 Academic Accreditation Steering Committee, National Association of Environmental Professionals
- 1997-98 Chair, Student Environmental Research Award Committee, NAEP
- 1996-97 Committee on Academic Centers for Environmental Excellence, Key Competencies Subcommittee, NAEP
Chair, Student Environmental Research Award Committee, NAEP
Board of Directors, National Assoc. of Professional Environmental Communicators
- 1996 Steering Committee, International Conference on Energy and Environment
- 1995-96 Board of Directors, National Association of Professional Environmental Communicators
Chair, Student Environmental Research Award Committee, NAEP
- 1994-95 Co-Chair, Ethics Task Force, NAPEC
- 1990-91 Vice-Chair, Social Sciences Section, Oklahoma Academy of Science

State of Oklahoma

- 2010-12 Member, Henry Bellmon Sustainability Awards Committee, sponsored by Sustainable Tulsa and the Tulsa Rotary Club
- 2010-11 Executive Committee of the Board of Directors, Oklahoma Academy for State Goals
- 2005-11 Board of Directors, Oklahoma Academy for State Goals
- 2009 Delegate, Oklahoma Academy Town Hall on Education and Workforce Development
- 2007 Delegate, Oklahoma Academy Town Hall on Native Oklahoma
- 2006 Delegate, Oklahoma Academy Town Hall on Oklahoma: Next 100 Years
- 2005 Delegate, Oklahoma Academy Town Hall on Drugs: Illegal and Legal
- 2004 Delegate and Technical Consultant, Oklahoma Academy Town Hall on Sustainable Development
- 2003 Delegate, Oklahoma Academy Town Hall on Energy and Water Resources
- 2002-07 Advisory Council, Institute for Issue Management & Alternative Dispute Resolution
Chair, Education and Research Committee, IIMADR
- 1996-97 Committee on Environmental Ethics, Oklahoma Corporation Commission
- 1993-94 OSU Representative, Council on Graduate Education and Research, OK Board of Regents for Higher Education

Oklahoma State University

- 2013-14 Dean's Task Force on Supplemental Pay
- 2011 National Energy Solutions Institute Task Force
- 2008-10 President's Task Force on Sustainability

- 2006-07 Task Force on Energy Initiatives
Task Force on Interdisciplinary Graduate Education
- 2005 "Getting into Interdisciplinary Environmental Research." OSU Research Week.
- 2004-05 Arts and Sciences Environmental and Safety Compliance Committee
Political Science Fire and Emergency Management Doctoral Committee
- 2003-04 Research Subcommittee, Committee on North Central Association Accreditation
- 2001-02 Faculty Advisor, Graduate and Professional Student Association
Secretary, Faculty Council Campus Facilities, Safety, and Security Committee
Chair, Environmental Management Specialization Subcommittee, ESSC
Chair, Disaster and Emergency Management Specialization Subcommittee, ESSC
Co-Chair, OSU-Istanbul Technical University Joint DEM Planning Committee
- 2000-01 Secretary, Faculty Council Campus Facilities, Safety, and Security Committee
Chair, Disaster and Emergency Management (DEM) Doctoral Program Committee
- 1999-00 Faculty of the School of International Studies
Chair, Environmental Management Specialization Committee
- 1997-98 Chair, Environmental Management Committee, Environmental Science Program
- 1996-97 Geology Representative, Environmental Science Steering Committee
- 1994-95 Co-Chair, Center for Env. Conflict Mgmt. Planning Committee, Env. Institute
- 1993-94 Chair, Subcomm. on Household Haz Waste Collection, Campus Recycling Comm.
Treasurer, Graduate Student Association
- 1992-93 Chair, Subcomm. on Earth Day-Industry Participation, Campus Recycling Comm.
Treasurer, Graduate Student Council
Historian, Society of Environmental Scientists
- 1991-92 Treasurer, Graduate Student Council
Chair, Subcommittee on Mission and Goals, Campus Recycling Committee
- 1990-91 Treasurer, Graduate Student Council
Co-Chair, Solid Waste Environmental Action Project
- 1989-90 President, Society of Environmental Scientists
- 1988-89 Co-Founder and Vice-President, Society of Environmental Scientists

Departmental Committees

Dozens of departmental committees in Political Science, Environmental Science, and Geology including personnel, curriculum, planning, articulation, faculty search, awards, recruitment, admissions, salary, safety, and alumni

GRADUATE STUDENTS (CHAIR OR RESEARCH ADVISOR) _____

1995 Graduates

Allen, Brenda. M.S., Geology. "Compliance and Risk Evaluation of a Hazardous Waste Site at a Federal Facility."

Khalilullah, Irfan. M.S., Environmental Science. "Flowchart for the Design of Context-Specific Environmental Site Assessments."

1996 Graduates

Bosma, Ken. M.S., Environmental Science. "Exploring NIMBY Gridlock: A Case Study of the Haystack Hazardous Waste Facility Siting Controversy."

Rahman, Mahmudur. M.S., Environmental Science. "Automated Enhanced Environmental Site Assessment Protocol."

1997 Graduates

Adegoke, Adam. M.S., Natural and Applied Sciences. "Application of Low-Technology Solutions to Nigeria's Drinking Water Problem."

Durand, Paul. M.S., Industrial Engineering. "Mental Modeling Hazard Communication Programs within a Select Group in Industry."

Lacy, Robin. M.S., Environmental Science. "Survey of Stakeholder Perspectives on a Hazardous Waste Siting Controversy in Oklahoma."

Looney, Jeff. M.S., Environmental Science. "In Search of the Olive Field: Case Study of a Unique Siting Controversy."

1998 Graduates

Cruikshank, Dustin. M.S., Geology. "Vadose Zone Migration of Crude Oil Total Petroleum Hydrocarbons in Oklahoma."

Kottke, Rita. Ph.D., Environmental Science. "Developing a Brownfields Policy for the State of Oklahoma: Implementation of a Synoptic Normative Theoretic Framework for Legitimated Environmental Decision Making."

Prindable, Kevin. M.S., Environmental Science. "Implementation of a Chemical Management System at General Electric Engine Services, Inc."

1999 Graduates

Allen, David. M.S., Environmental Science. "Trust and River Basin Impact Management: Legitimizing Policy Making Procedures."

DeShong, Todd. M.S., Political Science (FEMP). Assessment Center.

Eddington, Robert. M.S., Environmental Science (Environmental Management). "Any Person May Commence a Civil Action on His Own Behalf --."

Ellis, Lori. M.S., Environmental Science. "Risk Assessment of the Kerr-McGee Refinery Site in Cleveland, Oklahoma, for Possible Conversion to a Sports Complex."

Metheny, Jarett. M.S., Political Science (FEMP). Assessment Center.

Morris, Bryan. M.S., Geology. "Cumulative Risk Assessment of Petroleum Releases at Two Adjacent Sites in Oklahoma."

Rothgeb, Orva. M.S., Environmental Science. "TIMBY: A Case Study of the Circle Drive/Conoco Controversy."

2000 Graduates

Bennett, Billy. M.S., Environmental Science (Environmental Management). "Development of a Course for the Implementation of an Environmental Management System."

Curry, Diana. M.S., Geology. "Evaluation of the ORBCA Program Regarding Cumulative Risk for Multiple Exposures and Pathways for a LUST Site in Oklahoma."

Davenport, Pat. M.S., Environmental Science (Environmental Management). "Integrated Hazardous Material/Waste Management Training: Utilizing the QS 9000 Quality System."

Felix, Heather. M.S., Environmental Science (Environmental Management). "ISO 14000 Environmental Management System for Delphi."

Rahman, Mahmudur. Ph.D., Environmental Science. "Enhanced Environmental Site Assessment Software System."

White, Jason. M.S., Environmental Science (Environmental Management). "Groendyke Environmental Management System (GEMS)."

2003 Graduates

Asbill, Brad. M.S., Environmental Science (Environmental Management). "Risk Assessment of Radon-Tested Schools within the Cherokee Nation."

Comstock, Nancy. M.S., Environmental Science (Environmental Management). "Investigation of Perspectives on Bioremediation of Radioactive Contamination."

London, Amelia. M.S., Environmental Science (Environmental Management). "Virginia Erosion Sediment Control Plan; Bullfrog Creek Relocation Project; and Emergency Backup Generators and Fuel Storage Tanks for the Central US."

2004 Graduates

Harris, Scott. Ph.D., Environmental Science (Disaster and Emergency Management). "Risk Perception and Worst-Case Contingency Planning: An Examination of Emergency Response Insiders within a Major Metropolitan Area."

Suroosh, Ayesha. M.S., Environmental Science (Environmental Management). "Evaluation of Radiological Activity at the St. Louis Airport."

2005 Graduates

Burton, David. M.S., Environmental Science (Environmental Management). "Delphi Catalyst Drum Disposal Program."

Lee, Byoung-woo. M.S., Environmental Science (Environmental Management). "Environmental Management System for Vance Air Force Base."

Rice, Curtis. M.S., Environmental Science (Environmental Management). "Armstrong World Industries Air Permit Program."

2006 Graduates

Floyd, Lisa. M.S., Environmental Science (Environmental Management). "TCE Risk Assessment: Mountain Home Air Force Base, Mountain Home, Idaho."

2007 Graduates

Ardery, Cody. M.S., Environmental Science (Water and Watershed Management). "Mosquito Vector Control in Tulsa."

Howard, Carol. M.S., Environmental Science (Water and Watershed Management). "Recycling Glass: Problems the Metropolitan Environmental Trust Must Overcome to Better Protect the Environment."

Holmes, Teri. M.S., Environmental Science (Environmental Management). "Impact Assessment of Bottled Water Usage and Evaluation of Sociopolitical Options for Reduction of PET Beverage Bottle Waste in Oklahoma Municipal Solid Waste Systems."

Lungu, Cosmas. Ph.D., Environmental Science. "Modeling Post-CRP Land Use for Optimum Environmental Benefits."

Rainwater, Stephanie. M.S., Environmental Science (Water and Watershed Management). "Development of an Environmental Management System within the Framework of ISO 14001 for a Non-Industrial Business Setting."

Traster, Julia. M.S., Environmental Science (Environmental Management). "A Comparison of Two Procedures Using Environmental Management System Techniques to Determine Aspect Significance."

2008 Graduates

Boyd, Jon. M.S., Environmental Science (Environmental Management). "Decision Support System for Nationwide 12 Permit Assistance."

Fidler, Brett. M.S., Environmental Science (Environmental Management). "Water Use Audit and Development of a Use Reduction Strategy for the Tulsa Zoo & Living Museum."

Floyd, Lisa. M.S., Environmental Science (Environmental Management). "TCE Risk Assessment, Mountain Home Air Force Base, Mountain Home, Idaho."

Lamon, Cindie. M.S., Environmental Science (Environmental Management). "Economic Impact Assessment and Sociopolitical Implications of the Ban of the Use of Public Funds to Purchase Bottled Water for the City of Tulsa and the State of Oklahoma."

Mullins, Matt. M.S., Environmental Science (Environmental Policy). "Remediation System Evaluation for a Ground Water Pumping Wells and Well Redevelopment."

Trammel, Hill. M.S., Environmental Science (Environmental Management). "One Solution to the World's Sanitation Needs."

2009 Graduates

- Cross, Brian. M.S., Environmental Science (Environmental Policy). "Landowner Participation in the Wetlands Reserve Program: Evidence from Nine Oklahoma Counties."
- Meek, Stacey. M.S., Environmental Science (Environmental Management). "Helmerich Advanced Technology Research Center Waste Disposal Planning."
- Pettit, Paula. M.S., Environmental Science (Environmental Management). "Television Recycling Program: Analysis and Recommendations."
- Rodriguez, Sandra. Ph.D., Environmental Science (Environmental Sustainability). "The Role of Knowledge and Deliberation on the Development of Local Indicators for Sustainable Forest Management." **(Outstanding Student Research Award, Rural Sustainability Research Assistantship).**
- Wegner-Johnson, Maria. M.S., Environmental Science (Environmental Management). "Intergovernmental Collaborative Watershed Planning: A Handbook."

2010 Graduates

- Burden, Chad. M.S., Environmental Science (Environmental Management). "Aiming for Sustainability through High Performance Green Building Practices." **(Environmental Management Research Assistantship).**
- Compton, Jason. M.S., Environmental Science (Environmental Management). "ISO 14001 Baker Hughes Cable Reclamation."
- Irving, Catherine. M.S., Environmental Science (Environmental Education). "Mycoremediation in the Classroom."
- Pyle, Coy. M.S., Environmental Science (Environmental Management). "Depew Station Title V Clean Air Act Compliance Strategy."
- Reedy, Kyle. M.S., Environmental Science (Environmental Management). "Waste Management Plan for Baker Hughes."
- Smith, Michael. M.S., Environmental Science (Environmental Management). "Chemical Hygiene Plan for the Helmerich Advanced Technology Research Center at OSU-Tulsa."
- Vincent, Shirley. Ph.D., Environmental Science (Environmental Policy and Education). "A Search for Identity: Exploring Core Competencies for Interdisciplinary Environmental Programs." **(Presidential Fellowship, Phoenix Award, Doctoral Research Excellence Award).**

2011 Graduates

- Jones, Billy. M.S., Environmental Science (Environmental Management). "Evaluation and Recommendations for the MET's Used Oil Collection System."
- Elkins, Kathryn. M.S., Environmental Science (Environmental Education). "Curriculum Development and Analysis: Environmental Conservation and Sustainability in Costa Rica."
- Childers, Anna. Ph.D., Environmental Science (Environmental Policy and Conflict Management). "A Planning Model for Public Rural Water Supply Systems to Optimally Satisfy Future Drinking Water Demands in Northeastern Oklahoma." **(Outstanding Student Research Award).**
- Langston, Michael. Ph.D., Environmental Science (Water and Watershed Management). "The Value of the Analytic-Deliberative Framework in Environmental Decision-Making: The Case of Oklahoma Water Planning." **(Presidential Fellowship, Environmental Policy Research Assistantship).**

2012 Graduates

- Albright, Matt. Ph.D., Environmental Science (Environmental Management). "Preferred Strategies for Implementing Environmental Management Systems in Oklahoma Cities." **(Environmental Management Research Assistantship).**
- Melson, Jeff. M.S., Environmental Science (Environmental Policy and Conflict Management).

2013 Graduates

- Grant, Scott. M.S., Environmental Science (Water and Watershed Management). "Blue Thumb."

Mahoney, Patrick. M.S., Fire and Emergency Management. "An Evaluation of the Structural-Fire Suppression Program of the Baytown Fire Department."

Williams, Daniel. M.S., Fire and Emergency Management Administration. "Stillwater Emergency Communications and Coordination Center."

2014 Graduates

Billings, Joel. M.S., Fire and Emergency Management Administration. "Effects of Fire Department Shift Schedules on Sleep Quality."

Bilsky, David. M.S., Fire and Emergency Management Administration. "Fire Safety, Prevention, and Extinguishment Measures Taken on Higher Education Campuses: A Qualitative Look at the Boston, Massachusetts Metropolitan Area under the Direction of Federal Emergency Management Agency, Region 1."

Gato, Daniel. M.S., Fire and Emergency Management Administration. "A Public Policy Analysis of Manual versus Mechanical Compressions."

Hightower, Charles. M.S., Fire and Emergency Management Administration. "Assessment of Risk from Choctaw Wildfires."

Louthan, Jason. M.S., Fire and Emergency Management Administration. "Leadership Training and Journaling for the Oklahoma Fire Service."

Shunn, Breanna. M.S., Fire and Emergency Management Administration. "Emergency Operations Plan for the WONDERtorium."

Tapia, Luis. M.S., Fire and Emergency Management Administration. "Business Continuity Planning at JC Penny."

2015 Graduates

Lane, Jedidiah. M.S., Fire and Emergency Management Administration.

Martin Schjoll. M.S., Fire and Emergency Management Administration.

2017 Graduates

Thayer, Michael. Ph.D., Environmental Science (Environmental Management). "Holistic Risk-Based Approach to Identify Significant Environmental Aspects within an Environmental Management System."

Byrd, Monika. Ph.D., Organizational Leadership, Chicago School of Professional Psychology. "Perceptions of Effective Organizational Leadership in American Fire and Emergency Services."

2018 Graduate

Billings, Joel. Ph.D., Fire and Emergency Management Administration. "Sleep in the Fire Service: A Study of Firefighter Sleeping Habits, Sleep Quality, and Shift Schedules."