

CINDY MARGARET LEE

Chair
Engineering and Science Education
Professor
Environmental Engineering and Earth Sciences
Environmental Toxicology
Clemson University
342 Computer Court
Anderson, SC 29625
864/656-1006

EDUCATION

Ph.D., Colorado School of Mines, 1990, Geochemistry, Geology (minor)
B.A., University of Colorado at Colorado Springs, 1984, Geology and Chemistry,
magna cum laude
B.A., Indiana University, 1977, English (American Literature)

PROFESSIONAL EXPERIENCE

Chair, 2015-present, Department of Engineering and Science Education, College of Engineering and Science, Clemson University.

Clemson University Research Foundation, 2015-present, Member of the Board.

Interim Chair, 2013-2015, Department of Engineering and Science Education, College of Engineering and Science, Clemson University.

Interim Associate Dean for Research and Graduate Studies, 2012-2013, College of Engineering and Science, Clemson University.

Board Member and Treasurer, Association for Environmental Engineering and Science Professors (AEESP). 2014-2017.

US EPA Science Advisory Board (SAB), 2012-present, Member of Scientific and Technological Achievement Awards Committee.

US EPA Science Advisory Board (SAB), 2011, Member of Hydraulic Fracturing Review Panel.

US EPA Science Advisory Board (SAB), 2010-2013, Member of Environmental Engineering Committee.

US EPA Science Advisory Board (SAB), 2007-2010, Member of Environmental Engineering Committee.

Environmental Toxicology and Chemistry, 2007-present, Associate Editor for Environmental Chemistry (Society of Environmental Toxicology and Chemistry).

National Science Foundation, 2007, Acting Program Director, Energy for Sustainability Program, Division of Chemical, Bioengineering, Environmental and Transport Systems (CBET), Directorate of Engineering.

National Science Foundation, 2006-2007, Founding Program Director, Environmental Sustainability Program, Division of Chemical, Bioengineering, Environmental and Transport Systems (CBET), Directorate of Engineering.

Clemson University, 2006 -present, Professor of Environmental Engineering and Earth Sciences.

Clemson University, 2006 -present, Professor of Environmental Toxicology.

Clemson University, 2006, Associate Professor of Environmental Toxicology.

Clemson University, 1999-2006, Associate Professor of Environmental Engineering and Science with tenure.

Clemson University, 2002-2015, Graduate Coordinator, Environmental Engineering and Science graduate program.

Clemson University, 1993-1999, Assistant Professor of Environmental Engineering and Science.

Clemson University, 1990-93, Research Associate/Assistant Professor Environmental Systems Engineering.

Colorado School of Mines, 1989-90; 1985-86, Teaching Assistant, Department of Chemistry and Geochemistry.

Colorado School of Mines, 1986-89, Research Assistant, Department of Chemistry and Geochemistry.

Indiana University, Institute for Urban Transportation, 1978-1980, Project Coordinator.

Indiana University, Institute for Urban Transportation, 1977-1978, Technical Writer.

MEMBERSHIPS

Regular Member, American Association for the Advancement of Science (AAAS) (2007-)
Regular Member, American Association of University Women (AAUW), (1991-1996)
Founding Member and Faculty Advisor, Clemson University Satellite of the American Association of University Women, (1991 -1996)
Regular Member, American Chemical Society, ACS, (1986 -)
Lifetime Member, American Geophysical Union, AGU, (1995 -)
Member, American Society of Limnology and Oceanography, ASLO, (1995 - 2005)
Member, Association of Environmental Engineering and Science Professors, AEESP, (1994 -)
Regular Member, Association of Women Geoscientists, AWG, (1988 -)
Professional Member, North American Association for Environmental Education, NAAEE, (1993 -)
Lifetime Member, Sigma Xi, (1988 -)
Member, Society of Environmental Toxicology and Chemistry, SETAC, (1986 -)

PUBLICATIONS (*graduate student)

Refereed Journal Publications:

Lee, C. M. and Macalady, D. L. 1989. "Towards a Standard Method for the Measurement of Organic Carbon in Sediments" Intern. J. Environ. Anal. Chem. 35:219-225.

Morgan, S. M.* and Lee, C. M. 1997. "Metal and Acid Recovery Options for the Plating Industry" Resources, Conservation and Recycling 19:55-71.

Lee, C. M. and Gongaware, D. F.* 1997. "Optimization of SFE Conditions for the Removal of Diesel Fuel" Environmental Technology 18(11):1157-1161.

Lee, C. M. and Gongaware, D. F.* 1998. "Effects of Selected Soil Characteristics on the Removal of Diesel Fuel by Supercritical Carbon Dioxide" Environmental Technology 19(1):65-74.

Lee, C. M.; Meyers, S. L.*; Wright, C. L., Jr.*; Coates, J. T.; Haskell, P. A.*; and Falta, R. W. 1998. "NAPL Compositional Changes Influence Partitioning Coefficients" Environmental Science and Technology 32(22):3574-3578.

Lee, C. M.; Anderson, B.*; and Elzerman, A. W. 1999. "Photochemical Oxidation of Terbufos" Environmental Toxicology and Chemistry, 18(7):1349-1353.

Falta, R. W.; Lee, C. M.; Brame, S. E.*; Roeder, E.*; Coates, J. T.; and Wright, C.* 1999. "Field Test of High Molecular Weight Alcohol Flushing for Subsurface NAPL Remediation" Water Resources Research, 35(7):2095-2108.

Roeder, E.*; Falta, R. W.; Lee, C. M.; Coates, J. T. 2001. "DNAPL to LNAPL Transitions during Horizontal Cosolvent Flooding." Ground Water Monitoring and Remediation, 21(1):77-88.

Ladaa, T. I.*; Lee, C. M.; Coates, J. T.; Falta, R. W. 2001 "Cosolvent Effects of Alcohols on the Henry's Law Constant and Aqueous Solubility of Tetrachloroethylene (PCE)" Chemosphere, 44(5):1137-1143.

Pakdeesusuk, U.*; Freedman, D. L.; Lee, C. M.; and Coates, J. T. 2003. "Reductive Dechlorination of Polychlorinated Biphenyls in Sediment from the Twelve Mile Creek Arm of Lake Hartwell" Environmental Toxicology and Chemistry, 22(6):1214-1220.

Pakdeesusuk, U.*; Jones, W. J.; Lee, C. M.; Garrison, A. W.; O'Neill, W. L.; Freedman, D. L.; Coates, J. T.; and Wong, C. S. 2003. "Changes in Enantiomeric Fractions (EF) During Microbial Reductive Dechlorination of PCB132, PCB149, and Aroclor1254 in Lake Hartwell Sediment Microcosms" Environmental Science and Technology, 37(6):1100-1107.

Pakdeesusuk, U.*; Lee, C. M.; Coates, J. T.; and Freedman, D. L. 2005. "Assessment of Natural Attenuation via In Situ Reductive Dechlorination of Polychlorinated Biphenyls (PCBs) in Sediments of the Twelve Mile Creek Arm of Lake Hartwell, SC, USA" Environmental Science and Technology, 39(4):945-952.

Hengpraprom, S.*; Lee, C. M.; and Coates, J. T. 2006. "Sorption of Humic Acids and α -Endosulfan by Clays" Environmental Toxicology and Chemistry, 25(1): 11-17.

Bzdusek, P. A.; Christensen, E. R.; Lee, C. M.; Pakdeesusuk, U.*; and Freedman, D. L. 2006. "PCB Congeners and Dechlorination in Sediments of Lake Hartwell, South Carolina, Determined from Cores Collected in 1987 and 1998". Environmental Science and Technology, 40(1):109-119.

Sivey, J. D.* and Lee, C. M. 2007. "Polychlorinated Biphenyl Contamination Trends in Lake Hartwell, SC: Sediment Recovery Profiles Spanning Two Decades." Chemosphere, 66(10):1821-1828.

Wong, C. S.; Pakdeesusuk, U.*; Morrissey, J. A.; Lee, C. M.; Coates, J. T.; Garrison, A. W.; Mabury, S. A.; Marvin, C. H.; and Muir, D. C. G. 2007. "Enantiomeric Composition of Chiral Polychlorinated Biphenyl Atropisomers in Dated Sediment Cores." Environmental Toxicology and Chemistry, 26(2):254-263.

Im, J.*; Lee, C. M.; and Coates, J. T. 2008. "Comparison of Two Reference Black Carbon Sorbents to Determine Appropriate Model Black Carbon," Chemosphere. 71(4):621-628.

Sivey, J. D.* and Lee, C. M. 2008. "Using Popular Magazine Articles to Teach the Art of Writing for Non-Technical Audiences," Journal of Chemical Education. 85(1):55-58.

Lehmler, H.-J.; Harrad, S. J.; Hündorf, H.; Kania-Korwell, I.; Lee, C. M.; Lu, Z.; and Wong, C. S. 2010. "Chiral Polychlorinated Biphenyl Transport, Metabolism, and Distribution--A Review." Environmental Science and Technology. 44(8):2757-2766.

Dang, V. D.*; Walters, D. M.; and Lee, C. M. 2010. "Transformation of Chiral Polychlorinated Biphenyls (PCBs) in a Stream Food Web." Environmental Science and Technology. 44(8):2836-2841.

Dang, V. D.*; Walters, D. M.; and Lee, C. M. 2012. "Historical Changes in Polychlorinated Biphenyls (PCBs) Contaminated Sediments in Twelvemile Creek, South Carolina (USA)". American Journal of Environmental Sciences. 8(1):11-15.

Dang, V. D.; Lee, C. M.; and Walters, D. M. 2013. "Assessing Ongoing Sources of Dissolved Phase Polychlorinated Biphenyls (PCBs) in a Contaminated Stream." Environmental Toxicology and Chemistry. 32(3):535-540.

Mobley, C.; Lee, C.; Morse, J.; Allen, J.; and Murphy, C. 2014. "Learning about Sustainability: An Interdisciplinary Graduate Seminar in Biocomplexity" International Journal of Sustainability in Higher Education. 15(1):16-33.

Dang, V. D., Walters, D. M.; and Lee, C. M. 2016. "Source and Magnitude of Polychlorinated Biphenyls (PCBs) in the Evergreen *Rhododendron maximum* next to a Contaminated Stream." Environmental Toxicology and Chemistry. 35(9):2192-2198.

Hall, A. A. and Lee, C. M. In preparation. "Sorption and Enantiomerization of Malathion Enantiomers by Mineral Surfaces."

Book Chapters (Reviewed)

Falta, R. W.; Lee, C. M.; Brame, S. E.*; Roeder, E.*; Wood, L.; Enfield, C. 1999. "Design and Performance of a Field Cosolvent Flooding Test for NAPL Mobilization," in: Brusseau, M. L.; Sabatini, D. A.; Gierke, J. S.; Annable, M. D. eds. Field Testing of Innovative Subsurface Remediation Technologies. ACS Symposium Series 725. Washington, DC:American Chemical Society, pp. 102-117.

Crapse, K. P.; Serkiz, S. M.; Pishko, A. L.; Kaplan, D. I.; Lee, C. M.; and Schank, A.* 2006. "From Sequential Extraction to Transport Modeling: Monitored Natural Attenuation as a Remediation Approach for Inorganic Contaminants." in: Clark, C. II and Lindner, A. eds. Remediation of Hazardous Waste in the Subsurface: Bridging Flask and Field. ACS Symposium Series 940, Washington, DC:American Chemical Society, pp.11-23.

Conference Proceedings (Reviewed)

Wright, C.*; Lee, C. M.; Coates, J. T., and Falta, R. W. 1996. "Accuracy of Inter-Well Tracer Tests When Used with Solvent Flooding Remediation Technique" in: Reddi, L., ed. Non-Aqueous Phase Liquids (NAPLs) in the Subsurface Environment: Assessment and Remediation. New York, NY:American Society of Civil Engineers.

Falta, R. W.; Brame, S. E.*; Lee, C. M.; Coates, J. T.; Wright, C.*; Price, S.*; Haskell, P.*; and Roeder, E.* 1996. "A Field Test of NAPL Removal by High Molecular Weight Alcohol Injection" in: Reddi, L., ed. Non-Aqueous Phase Liquids (NAPLs) in the Subsurface Environment: Assessment and Remediation. New York, NY:American Society of Civil Engineers.

Harbage, T.*; Jackson, D.; and Lee, C. 2000. "The Role of Prescribed Burning on cPAH Concentrations in Soils" The Second International Conference on Remediation of Chlorinated and Recalcitrant Compounds, Monterey, CA, May 22-25, 2000.

Research Reports

Lee, C. M. and Gongaware, D. F.* 1996. "The Effect of Selected Soil Characteristics on the Remediation of Soils Contaminated with Diesel Fuel" Final Report to the U.S. Army Corps of Engineers.

Falta, R. W.; Lee, C. M.; Brame, S. E.*; Roeder, E.*; Wright, C.*; Price, S.*; Coates, J.; Haskell, P., Wood, L., and Enfield, C. 1997. "Field Evaluation of Cosolvent-Enhanced In-Situ Remediation. Hill Air Force Base, UT" Final Report for Cooperative Agreement CR-821992-01-0 between R. S. Kerr Environmental Research Lab., US EPA and Clemson University.

Falta, R. W.; Lee, C. M.; Brame, S. E.*; Coates, J.; and Myers, J.* 2003. "Field Evaluation of Cosolvent-Enhanced In-Situ Remediation. Dover Air Force Base, DE" Final Report for Cooperative Agreement CR-821992-01-0 between R. S. Kerr Environmental Research Lab., US EPA and Clemson University.

Freedman, D. L. and Lee, C. M. 2003. "Analysis of PCBs in CMP Windrows and Microcosms". Final Report for SC0177 Support of Remediation of PCB and Pesticide Contaminated Soils at the CMP Pit Ballast Area, SRS, Westinghouse Savannah River Company.

Lee, C. M.; Cooper, M. M.; and Elzerman, A. W. 2004. "EnviroChemLibrary: Resources for Teaching and Learning in Science," Final Report for Project # 9952315 National Science Foundation, Directorate of Education and Human Resources, Division of Undergraduate Education, CCLI-EMD.

Lee, C. M.; Sivey, J. D.* and Dang, V. D.* 2006. "Evaluation of PCB Contaminant Trends over Two Decades by Achiral and Chiral Analysis: Lake Hartwell, South Carolina." South Carolina Water Resources Center.

Other Scholarly Publications

Morgan, S. M.*; Lee, C. M.; and Farley, K. J. April 1997. "Innovative Recovery Options for Metal Finishers" Metal Finishing 95(6):20-24.

Cooper, M. M.; Elzerman, A. W.; and Lee, C. M. 2001. "Environmental Chemistry" Journal of Chemical Education 78:1169.

Lee, C. M. 2003. "Book Review: Environmental Organic Chemistry. Second Edition." Journal of Chemical Education 80(10):1143.

Lee, C. M. 2007. "Book Review: A Basic Introduction to Pollutant Fate and Transport: An Integrated Approach with Chemistry, Modeling, Risk Assessment, and Environmental Legislation." Ecological Engineering 30(3):295-296.

RECENT PRESENTATIONS (*graduate student, **undergraduate student)

Dahle, J. T.**; Delach, D. L.*; Dang, V. D.*; and Lee, C. M. 2011. "Chiral Selection of PCBs in the Webs of Riparian Spiders." Poster Presentation. Society of Environmental Toxicology and Chemistry (SETAC) North America 32nd Annual Meeting, Boston, MA, November 13-17, 2011.

Jiang, Y.*; Dang, V. D.*; and Lee, C. M. 2012. "Polychlorinated Biphenyls (PCBs) in Aquatic Insects from Twelve Mile Creek, South Carolina." Poster Presentation. Carolinas Chapter of Society of Environmental Toxicology and Chemistry (SETAC) Meeting, Aiken, SC, March 31, 2012.

Lee, C. M. 2012. "My Academic Life." Invited Keynote speaker. Alpha Epsilon Lambda—ETA Chapter Induction Dinner, Clemson, SC, April 3, 2012.

Hahn, D. C. and Lee, C. M. 2012. "Locating and Characterizing PCB Contaminated Groundwater ." 20th Annual David S. Snipps/Clemson Hydrogeology Symposium, Clemson, SC, April 12, 2012.

Lee, C. M. 2012. "Status of PCBs in Twelvemile Creek." Invited speaker. Clemson League of Women Voters. Central, SC. May 1, 2012.

Lee, C. M.; Dang, V. D.*; Delach, D. L.*; and Hahn, D. C.* 2012. "Integrating Field, Lab, and Modeling to Assess the Distribution of PCBs in a Stream Ecosystem." 244th American Chemical Society Meeting, Philadelphia, PA, August 19-23, 2012.

Lee, C. M.; Hahn, D. C.*; and Dang, V. D.*; Delach, D. L.*; and Hahn, D. C.* 2012. "Role of Inorganic Colloids in the Transport of PCBs from Groundwater to Surface Water." 244th American Chemical Society Meeting, Philadelphia, PA, August 19-23, 2012.

Sattler, T. M.*; Dang, V. D.*, and Lee, C. M. 2012. "Influence of PCB-contaminated Water Bodies on the PCB Content of Riparian Vegetation through Foliar Deposition." Poster presentation, Society of Environmental Toxicology and Chemistry (SETAC) North America 33rd Annual Meeting, Long Beach, CA, November 11-15, 2013.

Dang, V. D.*; Lee, C. M.; and Walters, D. M. 2012. "Species-Specific Uptake of Dissolved Polychlorinated Biphenyls (PCBs) in a Contaminated Stream." Poster presentation, Society of Environmental Toxicology and Chemistry (SETAC) North America 33rd Annual Meeting, Long Beach, CA, November 11-15, 2012.

Delach, D. L.*; Lee, C. M.; and Walters, D. M. 2012. "Riparian Arachnid Tactics for Managing PCB Body Burden." Poster presentation, Society of Environmental Toxicology and Chemistry (SETAC) North America 33rd Annual Meeting, Long Beach, CA, November 11-15, 2012.

Lee, C. M.; Dang, V. D.*; Delach, D. L.*; Hahn, D. C.*; Sattler, T. M.*; and Walters, D. M. 2013. "Foundation for a Mass Balance for Polychlorinated Biphenyls (PCBs) in a Contaminated Stream." Second International Conference on Environmental Pollution, Restoration, and Management, Hanoi, Vietnam, March 4-8, 2013.

Lee, C. M. 2013. "Graduate Studies at Clemson University." Second International Conference on Environmental Pollution, Restoration, and Management, Hanoi, Vietnam, March 4-8, 2013.

Lee, C. M.; Dang, V. D.*; Sattler, T. M.*; and Delach, D. L.* 2013. "PCB 91 vs. PCB 95: Chiral Congener Behavior and Biodegradation Conditions." Society of Environmental Toxicology and Chemistry (SETAC) North America 34th Annual Meeting, Nashville, TN, November 17-21, 2013.

Hall, A. A.* and Lee, C. M. 2013. "Sorption and Enantiomerization of Malathion and Metalaxyl by Mineral Surfaces." Society of Environmental Toxicology and Chemistry (SETAC) Poster presentation, North America 34th Annual Meeting, Nashville, TN, November 17-21, 2013.

Hall, A. A.* and Lee, C. M. 2014. "Sorption and Enantiomerization of Malathion and Metalaxyl by Minerals." 13th IUPAC International Congress of Pesticide Chemistry. Poster Presentation. AGRO Division. 148th American Chemical Society Meeting, San Francisco, CA, August 10-14, 2014.

Belinga, C.* and Lee, C. M. 2015. "Plant Leaves Tissues' Role in Bioaccumulation of Polychlorinated Biphenyls." Poster Presentation. Carolinas Society of Environmental Toxicology and Chemistry (CSETAC). Raleigh, NC, March 13-15, 2015.

Bharadwaj, A.*; Lee, C. M.; Brame, S.; and Hermann, A.** 2015. "Estimation of PCB Contamination in the Twelve Mile Creek Arm of Lake Hartwell, SC, Using GIS and Statistical Techniques." Poster Presentation. Carolinas Society of Environmental Toxicology and Chemistry (CSETAC). Raleigh, NC, March 13-15, 2015.

Bharadwaj, A.* and Lee, C. M. 2015. 23rd Annual David S. Snipps/Clemson Hydrogeology Symposium, Clemson, SC, April 2015.

Lee, C. M. 2015. "Ethics of Journal Peer Review" presented to the Clemson University Office of Research Compliance Brown Bag series on September 15, 2015. Invited lecture.

Lee, C. M. 2015. "Is Graduate School the Right Choice for Me?" EES 4500 Professional Seminar I. September 29, 2015. Invited lecture.

Belinga, C.*; Dang, V. D.; and Lee, C. M. 2015. "Role of Plant Leaf Composition in Bioaccumulation of Polychlorinated Biphenyls (PCBs)" Society of Environmental Toxicology and Chemistry (SETAC) Platform presentation, North America 36th Annual Meeting, Salt Lake City, UT. November 1-5, 2015.

Lee, C. M. 2016. "A Bird's Eye View of Educational Research" presented to the Environmental Engineering & Earth Sciences Departmental Seminar on January 15, 2016. Invited lecture.

Belinga, C.* and Lee, C. M. 2016. "Plant Leaves Tissues' Role in Bioaccumulation of Polychlorinated Biphenyls (PCBs)" Poster Presentation. Carolinas Society of Environmental Toxicology and Chemistry (CSETAC). Wilmington, NC. May 12-14, 2016.

Ranasinghe, P.* and Lee, C. M. 2016. "Effects of Polychlorinated Biphenyls (PCBs) on Autism" Poster Presentation. Carolinas Society of Environmental Toxicology and Chemistry (CSETAC). Wilmington, NC. May 12-14, 2016.

Rollerson, C.* and Lee, C. M. 2016. "Enantiomerization of Chiral Pesticides in Soil Systems" Poster Presentation. Carolinas Society of Environmental Toxicology and Chemistry (CSETAC). Wilmington, NC. May 12-14, 2016.

HONORS AND AWARDS

Recognized for an excellent review by Environmental Science and Technology (James Pankow, editor) November 2002.

Nominated by the Society of Environmental Toxicology and Chemistry Nominations Committee to stand for election to the North American Board of Directors. 2004.

Elected Environmental Chemistry editor of Environmental Toxicology and Chemistry September 2007.

Appointed to the U.S. Environmental Protection Agency (EPA) Science Advisory Board Environmental Engineering Committee (2007-2010).

Appointed by Mayor Larry Abernathy to the Clemson Green Ribbon Committee, June 2008 to 2010.

Appointed to the U.S. Environmental Protection Agency (EPA) Science Advisory Board Panel to provide advice on EPA's Hydraulic Fracturing Study Plan (2010 to 2013).

Honorary Member, Alpha Epsilon Lambda (honor society for graduate and professional students), April 3, 2012.

Appointed to the U.S. Environmental Protection Agency (EPA) Science Advisory Board (SAB) Scientific and Technological Achievement Awards (STAA) Committee (2012-2014).

2014 Esin Gulari Leadership and Service Award, College of Engineering and Science. May 2014.

SELECTED SPONSORED RESEARCH

“Chiral and Congener PCB Analysis of Various Environmental Samples” EPA, Principal Investigator, \$94,500, (\$47,250), (2005-2007).

“Inter-governmental Personnel Act (IPA).” NSF, Principal Investigator, \$112,000, (\$112,000), (2006-2007).

“Use of Chiral Tracers to Determine Cycling of POPs in Stream Ecosystems.” NSF (CBET-0828699), Principal Investigator, \$356,350, (\$356,350), (2008-2011).

“Science Master’s Program: Sustainable and Resilient Infrastructure.” NSF Co-PI, \$700,000, (\$63,000), (2010-2013).

“Pollution Prevention Incentives States.” US Environmental Protection Agency. Co-PI, \$67,484, (\$16,962), (2014-2017).

“GP-EXTRA: Building an Affective Pathway to the Geosciences through Experiential Learning Opportunities for Non-Geoscience Majors.” NSF Co-PI, \$354,570, (\$35,457), (2015-2018).

GRADUATE STUDENT ADVISING

Doctoral Graduates (10)

Morgan, S. M., “Metal and Acid Recovery Options for South Carolina Plating Industry,” (December 1995). [Associate Dean for Research and Professor, Civil and Environmental Engineering, Southern Illinois University at Edwardsville]

Pakdeesusuk, U., "Assessment of *in situ* Reductive Dechlorination of Polychlorinated Biphenyls (PCBs) as a Monitored Natural Attenuation Process in Contaminated Sediment from Lake Hartwell, South Carolina," (May 2002). [Associate Professor Department of Chemistry, King Mongkut's Institute of Technology, Ladkrabang, Bangkok, Thailand]

Song, H., [Committee Chair, Research Advisor Dr. E. Carraway], “Reduction of Chlorinated Hydrocarbons by Nano-sized Iron,” (December 2003). [Korean Geological Survey]

Hengpraprom, S., "Influence of Clay Minerals and Soil Humic Acid on the Hydrolysis of alpha-Endosulfan," (April 2004). [Associate Professor, Department of Preventive & Social Medicine, Faculty of Medicine, Chulalongkorn University, Patumwan, Bangkok, Thailand]

Myers, J. L., "Improvements to Cosolvent Remediation of Chlorinated Solvent Dense Non-Aqueous Phase Liquids in the Subsurface," (December 2004). [Southwest Research Institute, San Antonio, TX]

Im, J., "Development of Sorbent Models with Black Carbon to Evaluate Planar PCBs," (August 2006) [Chesapeake Biological Laboratory, MD].

Brothersen, T., (PhD, co-advisor with D. L. Freedman), "Identification and Characterization of Polychlorinated Biphenyl Dechlorinating Microorganisms from Lake Hartwell, SC," (May 2011). [consulting]

Dang, V. D. "Assessing On-going Sources and Fate of Dissolved Polychlorinated Biphenyls (PCBs) in a Stream." (May 2012) [post-doctoral position at University of Florida]

Hall, A. A., (PhD), "Sorption and Enantiomerization of Current Use Chiral Pesticides," (August 2012). [Nutra Manufacturing, Greenville, SC]

Delach, D. (PhD Environmental Toxicology), "Spider Mediation of Polychlorinated Biphenyl Transport and Transformation Across Riparian Ecotomes" (August 2012). [Post-doctoral scholar Clarkson University; Assistant professor, Lander University, Greenwood, SC]

Masters Graduates (27 MS, 1 MENG, 10 MS non-thesis)

O'Neal, P. S., (MS non-thesis), "Recycling of Waste Material from Carpet Manufacturing," (August 1994).

Simril, D. L., (MS), "Modeling of Polycyclic Aromatic Hydrocarbons (PAHs) Found in Crude Oil," (December 1994). [small business owner]

Anderson, B. (MS), "Direct Photolysis of an Organophosphate Pesticide, Terbufos," (December 1994). [consulting]

Batchelor, J. A., (MS), "The Effect of Dissolved Organic Carbon on the Alkaline Hydrolysis of Carbaryl, a Carbamate Pesticide," (May 1995). [industry]

Gongaware, D. F. (MENG), "The Influence of Selected Soil Characteristics on the Remediation of Diesel-Contaminated Soils by Supercritical Fluid Extraction," (May 1995). [small business owner]

Connor, T. (MS), "The Effects of Common Inorganic Species on the Hydrogen Peroxide/U.V. Oxidation of Trichloroethene: Kinetic Model Verification," (December 1995).

Thelander, C. M. (MS), "Isolation and Quantification of Nitrogen-Containing Polycyclic Aromatic Hydrocarbons (PAHs) from Fresh and Weathered Crude Oils," (December 1995). [industry]

Albertin, K. P. (MS), "Simulation of Pesticide Fate in the Edisto River Basin," May 1996. [consulting]

Sharp, J. C. (MS), "Covalent Bond Formation Between 2,4-D and Natural Organic Matter," (May 1996).

Wright, C. L., Jr., (MS) "The Effect of Cosolvent Flooding on NAPL/Water Partition Coefficients," (December 1996). [consulting]

Davey, C. (MS), "Cone Penetrometers and Alcohol Injection/Extraction for the Detection of DNAPLs," (May 1997). [state agency]

Haskell, P. A. (MS), "Use of Surrogate Compounds to Monitor Non-Aqueous Phase Liquid Removal During a Cosolvent Flood," (May 1997). [consulting]

Meyers, S. L. (MS), "The Effect of Cosolvent Flooding on NAPL Composition and Partition Coefficients of Tracers Used in Partitioning Interwell Tracer Tests," (May 1997). [consulting]

Rutten, D. E. (MS), "The Effect of Selected Soil Characteristics on Weathered Diesel Fuel Using Supercritical Fluid Extraction," (May 1997). [US Army]

Cullum, R. A. (MS non-thesis), "Estimating NAPL/Water Partitioning Coefficients of Tracer Alcohols by Component Contributions," (May 1998).

Hengpraprom, S. (MS), "Temperature-Dependence of the Hydrolysis of Endosulfan," (December 1998). [academic]

Czuchna, C. (MS non-thesis), "Evaluation and Trending of PCB Levels in Lake Hartwell Fish (1990-1997)," (December 1998).

Thompson, M., (MS non-thesis), "Hydraulic Control Study for the Mixed Waste Management Facility," (December 1998).

Ladaa, T. I. (MS), "Quantifying the Effects of Various Alcohols on the Henry's Law Constant of Tetrachloroethylene in Aqueous Solutions," (May 1999). [consulting]

Popelka, R., (MS non-thesis), "The Interference of Natural Organic Matter in the Analysis of Perchloroethylene Using Direct Gas Chromatographic Injection and Solid Phase Microextraction," (August 1999).

Woodworth, M., (MS non-thesis), "EXAMS Modeling of Endosulfan Interaction: Determination If Hydrolytic Transformation Can Be Encouraged at Increased Temperatures," (December 1999).

Knaub, D., (MS), "Effects of Cellulose Degradation Products on the sorption of Europium to a Sandy Coastal Plain Soil," August 2000. [consulting]

Danker, R. (MS) "Effect of Methanol on SFE of Diesel Contaminated Weathered Soils," (August 2000).

Harbage, T. (MS), "The Role of Prescribed Burning on Carcinogenic Polycyclic Aromatic Hydrocarbon Concentrations in Soils," (August 2000).

Trammel, D., (MS non-thesis), "Earth Systems Engineering," (May 2001). [lawyer]

Schank, A. (MS), "Mobility of Arsenic in a Shallow Aquifer at the Savannah River Site," (August 2003). [consulting]

Hall, A. A. (MS), "Application of a Chiral Analytical Method to Determine Enantiomeric Fractions of Polychlorinated Biphenyls in Composted PCB-Contaminated Soils," (December 2004). [Nutra Manufacturing, Greenville, SC]

Sivey, J. D. (MS), "Comprehensive Congener-Specific Analysis as an Assessment Tool for Polychlorinated Biphenyl Contamination Trends in Lake Hartwell, SC," (May 2005). [PhD program Johns Hopkins University, Post-doctoral scholar Yale University; Assistant Professor Towson University]

Cornelious, A. L. (MS), "Dechlorinating Carbon Tetrachloride Using Iron Doped Multi-walled Carbon Nanotubes," (August 2006). [consulting]

Dang, V. D. (MS) "Achiral and Chiral Analysis of Polychlorinated Biphenyls (PCBs) in the Aquatic and Riparian Food Webs in Twelve Mile Creek, South Carolina," (August 2007). [PhD program Clemson University; post-doctoral position at University of Florida; research faculty at University of Florida]

French, L. (MS Environmental Toxicology) "Biological Treatment to Remove Color and Toxicity of Effluent from the Manufacturing of Navipol Yellow GR." (December 2009). [consulting]

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