

CURRICULUM VITAE

DR. ANN M. FINDLEY

Education: St. John's University, 1970-1974. B.S. in Biology, summa cum laude, 1974.

Michigan State University, 1974-1975. Graduate study in Microbiology.

Louisiana State University, 1975-1980. M.S. in Physiology, 1977; Ph.D. in Physiology, 1980.

Appointments: Postdoctoral Fellow, Brookhaven National Laboratory, 1980.

Visiting Professor, Faculty of Science, University of Santa Maria (Chile), 1981.

Postdoctoral Fellow, Department of Chemistry, Louisiana State University, 1981-1982.

Adjunct Professor & Research Associate, Department of Chemistry, New York University, 1982-1986.

Visiting Scientist, HASYLAB, Deutsches Elektronen-Synchrotron DESY (Hamburg, Germany), 1985-1989.

Instructor, Research Associate & Assistant Professor – Research, Department of Chemistry, Louisiana State University, 1986-1989.

Assistant Professor, Departments of Biology & Chemistry, Henderson State University, 1991-1995.

Department of Biology, Northeast Louisiana University, Instructor, 1995-1996; Assistant Professor, 1996-2000; Associate Professor, 2000-2005.

Mayme and Tom Scott Professorship in Teaching Excellence, 2002-2005.

Current Position: Professor, Department of Biology, The University of Louisiana at Monroe, 2005-.

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Honors and Memberships:

Phi Kappa Phi National Honorary; Iota Sigma Pi National Chemistry Honorary; American Association for the Advancement of Sciences; American Chemical Society; Louisiana Academy of Sciences (Biomedical and Molecular Biology Section Chair); American Association of University Women, Sigma Xi (ULM Chapter Secretary/Treasurer); Association of Southeastern Biologists; American Society of Microbiologists; MidSouth Computational Biology and Bioinformatics Society.

University Service: University Library Committee (2000-; Chair); Institutional Animal Care and Use Committee (1998-); University Honors Council (2003-; Co-Director, 2004-2006); ULM-HHMI advisory board (2000-; Director, 2006-).

Publications: Approximately 30 research papers and one book.

Research Interests: Physiology of host cell/intracellular parasite relationships – importance of the posterior vacuole in microsporidian spore hatching; early carbohydrate metabolism of microsporidian sporoplasms

Cellular physiology and molecular biology – efficacy of the olfactory response of catfish as an ecotoxicity monitor; MHC Class II probe used as a heritable marker of disease resistance

Theoretical biology – genetic coding theory; molecular evolution

Electronic spectroscopy of biologically-related molecules

Funding:

Approximately \$ 900,000 since 1997 for facilities development (anatomy and physiology; cellular physiology; cellular and molecular biology; microbiology; computer-assisted learning; and multimedia authoring equipment) and research development (molecular genetics, mathematical biology; intracellular parasitism) from a variety of sources including: Louisiana Board of Regents Support Fund; National Science Foundation; ULM Development Fund; ULM-Howard Hughes Faculty Development Award, and NIH-funded Louisiana Biomedical Infrastructure Network Faculty Equipment and Research Programs.

PUBLICATIONS

1. A. M. Findley and W. B. Stickle, "Effects of Salinity Fluctuations on the Hemolymph Composition of the Blue Crab Callinectes sapidus," Mar. Biol. 46, 9-15 (1978).
2. A. M. Findley, B. W. Belisle and W. B. Stickle, "Effects of Salinity Fluctuations on the Respiration Rate of the Southern Oyster Drill Thais haemastoma and the Blue Crab Callinectes sapidus," Mar. Biol. 49, 59-67 (1978).
3. T. C. Shirley and A. M. Findley, "Circadian Rhythm of Oxygen Consumption in the Marsh Periwinkle, Littorina irrorata (Say, 1822)," Comp. Biochem. Physiol. 59A, 339-342 (1978).
4. T. H. Dietz and A. M. Findley, "Ion-Stimulated ATPase Activity and NaCl Uptake in the Gills of Freshwater Mussels," Can. J. Zool. 58, 917-923 (1980).
5. A. M. Findley, E. W. Blakeney, Jr. and E. H. Weidner, "Ameson michaelis (Microsporida) in the Blue Crab, Callinectes sapidus: Parasite-induced Alterations in the Biochemical Composition of Host Tissues," Biol. Bull. 161, 115-125 (1981).
6. A. M. Findley, G. L. Findley and S. P. McGlynn, "Genetic Coding: Approaches to Theory Construction," J. Theor. Biol. 97, 299-318 (1982).
7. G. L. Findley, A. M. Findley and S. P. McGlynn, "Symmetry Characteristics of the Genetic Code," Proc. Natl. Acad. Sci. USA 79, 7061-7065 (1982).
8. A. M. Findley and G. L. Findley, "The Generalized Genetic Code. A Note on Order-Isomorphism/Order-Equivalence Relations," Int. J. Quantum Chem., Quantum Biol. Symp. 9, 59-63 (1982).
9. J. S. Fowler, C. D. Arnett, A. P. Wolf, R. R. MacGregor, E. F. Norton and A. M. Findley, "[¹¹C] Spiroperidol: Synthesis, Specific Activity Determinations and Biodistribution in Mice," J. Nucl. Med. 23, 437-445 (1982).
10. A. M. Findley and G. L. Findley, "Genetic Coding Theory. Multiple Mitochondrial Genetic Codes," Int. J. Quantum Chem., Quantum Biol. Symp. 11, 109-116 (1984).
11. A. M. Findley and G. L. Findley, "Genetic Coding: Alternative Genetic Codes," Ann. N.Y. Acad. Sci. 435, 537-540 (1984).
12. A. M. Findley, G. L. Findley and S. P. McGlynn, "Applications of Differential Geometry to Molecular Genetics," J. Biol. Phys. 13, 87-94 (1985).

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13. A. M. Findley, S. Bernstorff and G. L. Findley, "Systematics in the Ionization Energies of Rare Gas Clusters," in: "Extended Abstracts of the 8th international Conference on Vacuum Ultraviolet Radiation Physics," P.O. Nilsson, ed. (Univ. Lund, Sweden, 1986), pp. 159-161.
14. A. M. Findley, S. Bernstorff, A. M. Kohler, V. Saile and G. L. Findley, "Photoionization Spectroscopy of Highly Polar Aromatics," in: "Extended Abstracts of the 8th International Conference on Vacuum Ultraviolet Radiation Physics," P. O. Nilssen, ed. (Univ. Lund, Sweden, 1986), pp.615-617.
15. A. M. Findley, S. Bernstorff and G. L. Findley, "Systematics in the Ionization Energies of Rare Gas Clusters," Chem. Phys. Lett. 131, 349-351 (1986).
16. A. M. Findley, S. Bernstorff, A. M. Kohler, V. Saile and G. L. Findley, "Photoionization Spectroscopy of Highly-Polar Aromatics. Halobenzonitriles," Phys. Scrip. 35, 633-636 (1987).
17. B. C. Craft, A. M. Findley, G. L. Findley, S. P. McGlynn, J. D. Scott and F. H. Watson, "LSU Center for Advanced Microstructures and Devices," Rev. Sci. Instrum. 60, 2144-2147 (1989).
18. B. C. Craft, A. M. Findley, G. L. Findley, J. D. Scott and F. H. Watson, "Status Report on the CAMD Project," Nucl. Instr. Meth. B40/41, 379-383 (1989).
19. E. Weidner, A. M. Findley, V. Dolgikh and J. Sokolova, "Microsporidian Biochemistry and Physiology," in: The Microsporidia and Microsporidiosis, M. Wittner, ed. (ASM Press, 1999) pp. 172-195.
20. E. Weidner and A. Findley, "Extracellular Survival of an Intracellular Parasite (Spraguea lophii, Microsporea)," Biol. Bull. 197, 270-271 (1999).
21. A. M. Findley, S. J. Lindsey and S. Watts, "The Impact of Religious Belief on Learning in the Science Classroom," ERIC-Sci. Ed., ED460017 (2001).
22. E. Weidner and A. Findley, "Peroxisomal Catalase in Extrusion Apparatus Posterior Vacuole of Microsporidian Spores," Biol. Bull. 203, 212 (2002).
23. M. D. Jones, C. C. Locklear, R. Buchholz, S. J. Hecht and A. M. Findley, "Production of a MHC Class II B Molecular Probe for the Wild Turkey, *Meleagris gallopavo* ", J. Appl. Genetics, 44(3), 369-373 (2003).
24. E. Weidner and A. Findley, "Catalase in Microsporidian Spores Before and During Discharge," Biol. Bull., 205, 236-237 (2003).

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25. R. Buchholz, M. D. Jones, S. J. Hecht and A. M. Findley, "Investigating the Turkey Snood as a Morphological Marker of Heritable Disease Resistance," *J Anim. Breed. Gen.*, 121, 176-185 (2004).
26. A. M. Findley, E. H. Weidner, K. R. Carman, Z. Xu and J. S. Godbar, "The Role of the Posterior Vacuole in *Spraguea lophii* Spore Hatching," *Folia Parasitol.*, 52, 111-117 (2005).
27. A. M. Findley, "Including the Discussion of Social Issues in the Biology Curriculum," *Proc. ELSI Conference*, R. Green and A. Donovan, eds., in press, 2006.

Work in Progress:

1. R. Buchholz, M. D. Jones, S. J. Hecht and A. M. Findley, "MHC and Genomic Diversity of the Eastern Wild Turkey (*Meleagris gallopavo silvestris*): A Comparison of Translocated and Game Farm Populations," to be submitted.
2. J. Brunson, T. Barrington, C. Gilbert and A. M. Findley, "Ultraviolet Susceptibility of *Campylobacter jejuni*," to be submitted.
3. C. M. Doffitt, J. M. Holt, E. H. Weidner and A. M. Findley, "Early Carbohydrate Metabolism and Oxidative Enzyme Mechanisms in Microsporidian Spore and Sporoplasms," *J. Euk. Microbiol.*, to be submitted.
4. L. C. Carswell, A. M. Findley and G. L. Findley, "Low Energy Photophysics of Highly Polar Aromatics. Dual Luminescence in the Nitroanilines," *Chem. Phys. Lett.*, to be submitted.
5. L. C. Carswell, A. M. Findley and G. L. Findley, "Low Energy Photophysics of Highly Polar Aromatics," *J. Phys. Chem.*, to be submitted.

Book:

1. A. M. Findley, S. P. McGlynn and G. L. Findley, *THE GEOMETRY OF GENETICS*, Wiley-Interscience Monographs in Chemical Physics, John Wiley and Sons, Inc., New York, 1989. 156 pp.

Curriculum Guide:

1. A. M. Findley and A. G. Ouchley, *LECTURE NOTES FOR HUMAN ANATOMY AND PHYSIOLOGY*, Kendall/Hunt Publ. Co., Dubuque, IA, 1st eds. 1998, 1999; 2nd ed. 2003. 168 pp.

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Papers Presented: Scientific Meetings & Invited Lectures

1. "Effects of Tidal Fluctuations of Salinity on the Oxygen Consumption of the Blue Crab Callinectes sapidus," A. M. Findley and W. B. Stickle, Gulf Estuarine Research Society Meeting, Lafayette, Louisiana, October, 1976.
2. "Effects of Tidal Fluctuations of Salinity on the Oxygen Consumption of the Oyster Drill, Thais haemastoma," W. B. Stickle, B. W. Belisle and A. M. Findley, Gulf Estuarine Research Society Meeting, Lafayette, Louisiana, October, 1976.
3. "Circadian Rhythm of Oxygen Consumption in the Marsh Periwinkle Littorina irrorata (Gastropoda)," T. C. Shirley and A. M. Findley, 1977 Annual Meeting of the Association of Southeastern Biologists, April, 1977.
4. "Wall and Membrane-Bound Microtubules," E. H. Weidner and A. M. Findley, 18th Annual Meeting of the American Society for Cell Biology, San Antonio, Texas, November 4-8, 1978.
5. "Effects of Microsporidan Infection on the Hemolymph and Skeletal Muscle Composition of the Blue Crab," A. M. Findley, E. W. Blakeney, Jr. and E. H. Weidner, Annual Meeting of the American Society of Zoologists, Tampa, Florida, December 27-30, 1979.
6. "Genetic Coding Theory: Recent Developments," 9th Annual Symposium on Molecular Electronic Structure and Spectroscopy, The Louisiana State University, Baton Rouge, Louisiana, May 28-29, 1981.
7. "Specific Receptor Labeling in vitro with [¹¹C] Spiroperidol," C. D. Arnett, A. M. Findley, A. P. Wolf, J. S. Fowler and R. R. MacGregor, 28th Annual Meeting of the Society of Nuclear Medicine, Las Vegas, Nevada, June 16-19, 1981.
8. "Ameson michaelis (Microsporida) in the Blue Crab, Callinectes sapidus: Altered Host Cell and Isolated Parasite Metabolism," Department of Oceanography, University of Valparaiso, Valparaiso, Chile, July 28, 1981.
9. "Genetic Coding: Approaches to Theory Construction," Institute of Biology, Catholic University of Valparaiso, Valparaiso, Chile, July 31, 1981.
10. "Genetic Coding: Approaches to Theory Construction," Department of Mathematics, University of Santa Maria, Valparaiso, Chile, August 5, 1981.

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11. "Ion Transport Across the Cell Membrane: Structure-Function Relations," Department of Chemistry, University of Concepcion, Concepcion, Chile, August 10, 1981.
12. "Ion Transport Across the Cell Membrane: Structure-Function Relations," Department of Physiology, University of Chile, Santiago, Chile, August 13, 1981.
13. "Genetic Coding: Approaches to Theory Construction," Department of Genetics, University of Chile, Santiago, Chile, August 13, 1981.
14. "Ion Transport Across the Cell Membrane: Structure-Function Relations," Department of Chemistry, University of Santa Maria, Valparaiso, Chile, August 14, 1981.
15. "Genetic Coding: Approaches to Theory Construction," A. M. Findley, G. L. Findley and S. P. McGlynn, 9th International Symposium on Quantum Biology and Quantum Pharmacology, Palm Coast, Florida, March 4-6, 1982.
16. "Genetic Coding Theory," 10th Annual Symposium on Molecular Electronic Structure and Spectroscopy, The Louisiana State University, Baton Rouge, Louisiana, May 20-21, 1982.
17. "Genetic Coding Theory," Department of Chemistry, New York University, New York, New York, October 26, 1983.
18. "Genetic Coding: Alternative Genetic Codes," A. M. Findley and G. L. Findley, New York Academy of Sciences Colloquium in Biological Sciences, New York, New York, November 11, 1983.
19. "Genetic Coding Theory. Multiple Mitochondrial Genetic Codes," A. M. Findley and G. L. Findley, 11th International Symposium on Quantum Biology and Quantum Pharmacology, Palm Coast, Florida, March 12-15, 1984.
20. "Photoionization Spectroscopy of Highly-Polar Aromatics," A. M. Findley, A. Kohler, S. Bernstorff, V. Saile and G. L. Findley, 191st American Chemical Society National Meeting, New York, New York, April 13-18, 1986.
21. "Photoionization Spectroscopy of Highly-Polar Aromatics," A. M. Findley, S. Bernstorff, A. M. Kohler, V. Saile and G. L. Findley, 8th International Conference on Vacuum Ultraviolet Radiation Physics, Lund, Sweden, August 4-8, 1986.
22. "Systematics in the Ionization Energies of Rare Gas Clusters," A. M. Findley, S. Bernstorff and G. L. Findley, 8th International Conference on Vacuum Ultraviolet Radiation Physics, Lund, Sweden, August 4-8, 1986.

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23. "Low Energy Photophysics of Highly Polar Aromatics," 15th Annual Symposium on Molecular Electronic Structure and Spectroscopy, The Louisiana State University, Baton Rouge, Louisiana, May 21-22, 1987.
24. "Systematics in the First Ionization Energies of Highly Polar Aromatics," A. M. Findley, L. Klasinc and G. L. Findley, March Meeting of the American Physical Society, New Orleans, Louisiana, March 21-25, 1988.
25. "Systematics in the First Ionization Energies of Highly Polar Aromatics," A. M. Findley, L. Klasinc and G. L. Findley, 16th Annual Symposium on Molecular Electronic Structure and Spectroscopy, The Louisiana State University, Baton Rouge, Louisiana, May 19-20, 1988.
26. "Physiology of Host/Parasite Relationships," Department of Biology, Northeast Louisiana University, May, 1996.
27. "Genetic Coding Theory," Department of Mathematics, Northeast Louisiana University, April 23, 1997.
28. "Microsporidian Infection: Altered Host Cell and Isolated Parasite Metabolism," NLU Chapter Sigma Xi, November, 1997.
29. J. C. Grayson and A. M. Findley, "Parasitemia in Turtles Collected from Northeast Louisiana," 59th Annual Meeting of the Association of Southeastern Biologists, April 15-18, 1998. [ASB Bull. 45(2), 87 (1998)].
30. J. C. Grayson and A. M. Findley, "Intraerythrocytic Parasites of Turtles Collected from Northeast Louisiana," Annual Meeting of the Louisiana Academy of Sciences, February 5, 1999.
31. "Intracellular Parasites," NLU Beta Sigma Biology Club, March, 1999.
32. "Teaching Molecular Biology in the Laboratory," *Innovation in Large Lectures: Teaching for Active Learning II*, Louisiana Tech University NSF/LaSIP-sponsored workshop, May, 1999.
33. E. Weidner and A. Findley, "Extracellular Survival of an Intracellular Parasite (*Spraguea lophii* Microsporea)," Marine Biological Laboratory General Science Meetings, August 18-20, 1999.
34. "Improving the Lecture: Active and Cooperative Learning Strategies," ULM Academy for Teaching Excellence, TLRC, September 15, 1999.
35. "Microsporidian Biochemistry and Physiology," Department of Biology, University of Mississippi, October 1, 1999.

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36. M. D. Jones, R. Buchholz, S. Hecht and A. M. Findley, "A Molecular Approach to the Study of Parasite Resistance and Mate Selection in Wild Turkeys," Annual Meeting of the Louisiana Academy of Sciences, February 4, 2000.
37. M. D. Jones, M. Ellerbe, B. Martin, R. Buchholz, S. Hecht and A. M. Findley, "DNA Isolation, Quantification, and *RAPD* Analysis of Captive Wild Turkeys," Annual Meeting of the Louisiana Academy of Sciences, February 4, 2000.
38. M. D. Jones, A. M. Dillingham, C. Bellard, S. Hecht and A. M. Findley, "Overall Heterozygosity vs. MHC Variation in the Wild Turkey," Annual Meeting of the South Central Branch of the American Society for Microbiology, November 10-11, 2000.
39. C. M. Doffitt, J. M. Holt, P. L. LeBas, J. C. Moss, E. H. Weidner and A. M. Findley, "Early Carbohydrate Metabolism in Extracellularly-Maintained Microsporidian Sporoplasms," Annual Meeting of the South Central Branch of the American Society for Microbiology, November 10-11, 2000.
40. C. M. Doffitt, J. M. Holt, P. L. LeBas, E. H. Weidner and A. M. Findley, "Ultrastructural Integrity and Carbohydrate Metabolism of *Spraguea lophii* (Microsporidia)," 75th Annual Meeting of the Louisiana Academy of Sciences, February 1-2, 2001.
41. M. D. Jones, A. M. Dillingham, C. Bellard, R. Buchholz, S. Hecht and A. M. Findley, "Overall Heterozygosity Measurement and MHC Variation in a Captive Flock of Wild Turkeys," 75th Annual Meeting of the Louisiana Academy of Sciences, February 1-2, 2001.
42. M. D. Jones, C. C. Locklear, R. Buchholz, S. J. Hecht and A. M. Findley, "Production of a MHC Class II Molecular Probe for the Wild Turkey, *Meleagris gallopavo*," 62nd Meeting of the Association of Southeastern Biologists, April 4-7, 2001. [S. E. Biol. 48(2):112 (2001)]
43. C. M. Doffitt, J. M. Holt, E. H. Weidner and A. M. Findley, "Early Carbohydrate Metabolism and Aerobic Enzyme Analysis of *Spraguea lophii* (Microsporidia)," 62nd Meeting of the Association of Southeastern Biologists, April 4-7, 2001. [S. E. Biol. 48(2):105 (2001)]
44. M. D. Jones, C. B. Bellard, A. M. Dillingham, R. Buchholz, S. J. Hecht and A. M. Findley, "Overall Heterozygosity vs. MHC Variation in the Wild Turkey," ULM Student Research Symposium, April 24, 2001.
45. C. M. Doffitt, J. M. Holt, P. L. LeBas, C. Morace, E. H. Weidner and A.M. Findley, "Early Carbohydrate Metabolism and Aerobic Enzyme Analysis of *Spraguea lophii* (Microsporidia)," ULM Student Research Symposium, April 24, 2001.

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46. C. M. Doffitt, J. M. Holt, P. L. LeBas, C. Morace, E. H. Weidner and A. M. Findley, "Extracellular Maintenance and Ultrastructural Integrity of an Intracellular Parasite," ULM Student Research Symposium, April 24, 2001.
47. M. D. Jones, C. C. Locklear, R. Buchholz, S. J. Hecht, and A. M. Findley, "Production of a MHC Class II Molecular Probe in the Wild Turkey, *Meleagris gallopavo*," ULM Student Research Symposium, April 24, 2001.
48. R. Buchholz, M. Jones, S. Hecht and A. Findley, "Evidence of an Immunogenetics Basis for Variation in a Sexually-Selected Ornament," Animal Behavior Society Annual Meeting, July 14-18, 2001.
49. C. M. Doffitt, J. M. Holt, E. H. Weidner and A. M. Findley, "Early Carbohydrate Metabolism and Aerobic Enzyme Analysis of *Spraguea lophii* (Microsporidia)," Annual Meeting of the South Central Branch of the American Society for Microbiology, October 12-13, 2001.
50. A. M. Findley, S. J. Lindsey and S. Watts, "The Impact of Religious Belief on Learning in the Science Classroom," Mid-South Educational Research Association, November 14-16, 2001.
51. A. D. Starlard, H. C. Bounds, W. C. Hoefler and A. M. Findley, "Persistence of Microorganisms in Composted Chicken Litter: Corn Rations," 76th Annual Meeting of the Louisiana Academy of Sciences, March 21-22, 2002.
52. M. E. Lazarus, B. Lawton, M. Tucker, R. Scott, M. D. Jones, R. Buchholz, S. J. Hecht and A. M. Findley, "Molecular Analysis of Heterozygosity and MHC Variation in the Wild Turkey, *Meleagris gallopavo*," ULM 2nd Annual Student Research Symposium, April 22, 2002.
53. A. D. Starlard, H. C. Bounds, W. C. Hoefler and A. M. Findley, "Persistence of Microorganisms in Composted Chicken Litter: Corn Rations," ULM 2nd Annual Student Research Symposium, April 22, 2002.
54. C. M. Doffitt, J. M. Holt, E. H. Weidner and A. M. Findley, "Early Carbohydrate Metabolism and Aerobic Enzyme Analysis of *Spraguea lophii* (Microsporidia)," ULM 2nd Annual Student Research Symposium, April 22, 2002.
55. N. Wickramesekera, M. Lazarus, R. Scott, T. Smith, W. C. Hoefler and A. M. Findley, "Importance of Collagenase and Calpaine as Predictors of Tenderness in Beef Cattle," ULM 2nd Annual Student Research Symposium, April 22, 2002.

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56. R. P. Scott, J. M. Holt, C. M. Doffitt, E. Weidner and A. M. Findley, "Localization of Catalase Activity Within the Posterior Vacuole of Microsporidian Spores," Annual Meeting of the South Central Branch of the American Society for Microbiology, October 25-26, 2002.
57. E. Weidner, K. Carmen and A. Findley, "Microsporidian Spore Posterior Vacuole is a Peroxisome," 42nd Annual Meeting of the American Society for Cell Biology, December 14-18, 2002.
58. R. P. Scott, J. M. Holt, C. M. Doffitt, E. H. Weidner and A. M. Findley, "Localization of Catalase Activity Within the Posterior Vacuole of Microsporidian Spores," 77th Annual Meeting of the Louisiana Academy of Sciences, March 20-21, 2003.
59. N. Wickramasekera, T. Smith, W. C. Hoefler and A. M. Findley, "RAPD Analysis as a Molecular Indicator of Meat Tenderness in Beef Cattle," 77th Annual Meeting of the Louisiana Academy of Sciences, March 20-21, 2003.
60. M. E. Lazarus, S. Rolen, J. Caprio and A. M. Findley, "Effects of Ultraviolet Radiation on the Olfactory Response of Catfish," 77th Annual Meeting of the Louisiana Academy of Sciences, March 20-21, 2003.
61. M. E. Lazarus, S. Rolen, J. Caprio and A. M. Findley, "Effects of Ultraviolet Radiation on the Olfactory Response of Catfish," ULM 3rd Annual Student Research Symposium, April 2, 2003.
62. R. Scott, J. M. Holt, C. M. Doffitt, E. Weidner and A. M. Findley, "Localization of Catalase Activity Within the Posterior Vacuole of Microsporidian Spores," ULM 3rd Annual Student Research Symposium, April 2, 2003.
63. R. Scott, B. Hodge, P. Thurlow, A. Stacey, M. Ellerbe, C. Doffitt, J. Holt, E. H. Weidner and A. M. Findley, "Early Carbohydrate Metabolism and Aerobic Enzyme Analysis of *Spraguea lophii* and *Ameson michaelis* (Microsporidia)," ULM 3rd Annual Student Research Symposium, April 2, 2003.
64. N. Wickramasekera, B. Hodge, P. Thurlow, A. Stacey, M. Ellerbe, T. Smith, W. C. Hoefler and A. M. Findley, "RAPD Analysis as a Molecular Indicator of Meat Tenderness in Beef Cattle," ULM 3rd Annual Student Research Symposium, April 2, 2003.
65. A. M. Findley, "Is the Microsporidian Posterior Vacuole a Peroxisome?," Department of Biological Sciences, Louisiana State University, May 9, 2003.
66. E. Weidner and A. Findley, "Microsporidian Spore Posterior Vacuole Before and During Spore Firing," 43rd Annual Meeting of the American Society for Cell Biology, December 13-17, 2003.

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67. A. M. Findley, J. J. Delcambre, S. Rolen, and J. T. Caprio, "Monitoring Pollutants Via the Catfish Olfactory Response," LBRN 2nd Annual Retreat, January 23-25, 2004.
68. A. M. Findley, K. R. Carman, and E. H. Weidner, "Is the Microsporidian Spore Posterior Vacuole a Peroxisomal Organelle," Animal Disease Research Workers in Southern States/Southern Conference on Animal Parasites/Southern Conference of Researchers in Aquatic Diseases Annual Meeting, February 8-10, 2004.
69. J. J. Delcambre, S. Rolen, J. T. Caprio, and A. M. Findley, "Monitoring Pollutants Via the Catfish Olfactory Response, 78th Annual Meeting of the Louisiana Academy of Sciences, March 18-19, 2004.
70. A. M. Findley, "How Research Fits into the Proposal," Pieces of the Puzzle – Grant Writing Workshop, March 18-19, 2004.
71. K. Gallman, T. Barrington, J. Brunson, C. Gilbert and A. M. Findley, "Susceptibility of *Campylobacter jejuni* to Ultraviolet Irradiation," 2004 ULM Student Research Symposium, April 28, 2004.
72. J. J. Delcambre, D. C. Bodin, P. J. Henderson, S. H. Rolen, J. T. Caprio and A. M. Findley, "Monitoring Pollutants Via the Catfish Olfactory Response," 2004 ULM Student Research Symposium, April 28, 2004.
73. K. Kelley and A. M. Findley, "A Comparative Study of Antibiotic Resistance in Enteric Bacteria Utilizing Local, Regional, and National Data," 2004 ULM Student Research Symposium, April 28, 2004.
74. L. Tisdale, C. Olson, E. M. Trahan, P. Thurlow, T. Smith, W. C. Hoefler and A. M. Findley, "RAPD Analysis as a Molecular Indicator of Meat Tenderness in Beef Cattle," 2004 ULM Student Research Symposium, April 28, 2004.
75. A. M. Findley, E. H. Weidner, K. R. Carman, Z. Xu and J. S. Godbar, "The Role of the Posterior Vacuole in *Spraguea lophii* Spore Hatching," NATO-Advanced Research Workshop – Emergent Pathogens in the 21st Century; First United Workshop on Microsporidia from Invertebrate and Vertebrate Hosts, July 12-15, 2004.
76. J. Brunson, T. Barrington, C. Gilbert and A. M. Findley, "Susceptibility of *Campylobacter jejuni* to Ultraviolet Radiation," Annual Meeting of the South Central Branch of the American Society for Microbiology, November 5-6, 2004.
77. A. M. Findley, J. J. Delcambre, S. Rolen, and J. T. Caprio, "Monitoring Pollutants Via the Catfish Olfactory Response," LBRN 3rd Annual Retreat, January 29-30, 2005.

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78. J. J. Delcambre, S. Rolen, J. T. Caprio and A. M. Findley, "Monitoring Pollutants Via the Catfish Olfactory Response," 79th Annual Meeting of the Louisiana Academy of Sciences, March 18, 2005.
79. J. J. Delcambre, S. Rolen, J. T. Caprio and A. M. Findley, "Monitoring Pollutants Via the Catfish Olfactory Response," 2005 ULM Student Research Symposium, April 27, 2005.
80. T. Spears, J. J. Delcambre, S. Rolen, J. T. Caprio and A. M. Findley, "Monitoring Pollutants Via the Catfish Olfactory Response: Determining LC₅₀ Values and Behavioral Responses," 2005 ULM Student Research Symposium, April 27, 2005.
81. A. Graham, J. Warlick, J. Brunson, T. Barrington, C. Gilbert and A. M. Findley, "Susceptibility of *Campylobacter jejuni* to Ultraviolet Radiation," 2005 ULM Student Research Symposium, April 27, 2005.
82. A. M. Findley, J. J. Delcambre, S. Rolen, and J. T. Caprio, "Monitoring Pollutants Via the Catfish Olfactory Response," LBRN 4th Annual Retreat, February 3-5, 2006.
83. A. M. Findley, E. H. Weidner, K. R. Carman, Z. Xu and J. S. Godbar, "The Role of the Posterior Vacuole in *Spraguea lophii* Spore Hatching," LBRN 4th Annual Retreat, February 3-5, 2006.
84. A. M. Findley, E. H. Weidner, K. R. Carman, Z. Xu and J. S. Godbar, "The Role of the Posterior Vacuole in *Spraguea lophii* Spore Hatching," South Central Branch of the American Society for Microbiology, March 3-4, 2006.
85. A. M. Findley, Symposium Chair, Symposia on Diversity in the Sciences: *Mentoring and Retaining Underrepresented Students*, April 7-9, 2006.
86. A. M. Findley, "Including the Discussion of Social Issues in the Biology Curriculum," Proc. ELSI Reunion Conference, August 11-13, 2006.

Community Presentations:

"The Science of Stem Cells,"

- a) ULM College of Arts & Sciences Showcase, January 29, 2003.
- b) North Louisiana Medical and Radiological Technologists, May 15, 2003.
- c) Monroe Rotary Club, September 18, 2003.
- d) Louisiana Society of Radiologic Technologists, March 20, 2004.

