

Graduates of the MTSU Graduates of the MTSU D.A. Program in Chemistry

1. Linda Arney Wilson: The Capillary Gas Chromatographic Profiling of Human Skin Surface Lipids For Forensic Application, August 1986. Department of Chemistry, MTSU Box 409, Murfreesboro, TN 37132.
2. Thomas V. Jeffries: Numerical Analysis As Applied To X-Ray Scattering Curves, August, 1987. Late of Department of Chemistry, Campbellsville College, Campbellsville, KY 42718.
3. Jeffery Scott Allbritten: A ¹⁹⁵Pt Nuclear Magnetic Resonance Spectroscopy Study Of The Solvolysis Of Sodium Hexachloroplatinate By Dimethyl Sulfoxide, May 1991. Director, Pines Center, Broward Community College, 16957 Sheridan St., Pembroke Pines, FL 33331 (954) 538-3610.
4. Karen L. Pfister: Teaching Spectroscopy Through The Use Of Computer Simulation, May 1991. Dr. Karen Pfister Carey, Jackson State Community College, Jackson, TN 38305.
5. Villa M. Mitchell: A Scanning Electron Microscopic Examination Of Radiation-Induced Structural Changes In Potato Tubers, August 1991. Department of Chemistry, David Lipscomb University, Nashville, TN 37203.
6. Zhen Ping Yang: Mechanism And Kinetics Of Haloperoxidase-Catalyzed Bromination Reaction, May, 1994.
7. Marlyn Cupell Newhouse: OSHA Compliance In The Academic Organic Chemistry Laboratory, May, 1995. Laboratory Coordinator, Chemistry Department, Union University, UU Box 1813, Jackson, TN 38305.
8. Arthur K. Davis: The Role Of Silica Gel In The Solid-Phase-Catalyzed Friedel-Crafts tert-Butylation Of Hydroquinone, August, 1995. Department of Chemistry, Frank Phillips College, 1301 Roosevelt, Borger, TX 79007.
9. David B. McCorkle, Jr.: Synthesis and Investigation of Nickel (II) 4-Substituted 2,6-Dichlorophenolates, Degree awarded posthumously: May, 1995.
10. Michael M. Looney: Differentiation of Mistletoes on the Basis of Geographical Origin Using Capillary Gas Chromatography and Multivariate Analysis, December, 1996. Provost and Vice President for Academic Affairs, Schreiner University, 2100 Memorial Blvd. Kerrville, Texas 78028.
11. Penny Lynne Mauldin: Selection and Evaluation of Experiments in Instrumental Analysis for Schools with Limited Instrumental Resources Utilizing the Inquiry Oriented Approach, December, 1996. Chair, Natural Science Department, Lee College, 1120 N. Ocoee St., Cleveland, Tennessee 37311.

12. Mu Zheng: Synthesis of Polyelectrolytes for Biomedical Applications via Ring Opening Metathesis Polymerization of 7-Oxanorbornene Derivatives and Development of a Polymer Laboratory Course for Undergraduate Students, December 1997. Research Assistant, Vanderbilt University, Nashville, TN.
13. Wayne David Riley: Characterizing the Successful Student in General Chemistry and Physical Science Classes in Terms of Jung's Personality Types as Identified by the Myers-Briggs Type Indicator, August, 1998. S & S High School, Sadler TX.
14. Barbara Jacobs Walton: Selection, Modification, and Evaluation of Laboratory Experiments for a One-Semester Introductory Biochemistry Course, August, 1998. Cumberland University, Division of Sciences, One Cumberland Square, Lebanon, TN 37087.
15. Nancy Elizabeth MacDonald: Characterization of Adenosine Nucleosidase from *Lupinus luteus* L, December, 1998. Athens State University, Athens, Alabama 35611.
16. Brian David Hill: Ab initio Analysis of the Energy and Geometry of the Rearrangement of Cyclopentadienylboranes and the Evaluation of the DAPSIC Computer Tutorial, December 1999. Dr. Brian Hill, Bryan College, PO Box 7000, Dayton TN 37321.
17. Bryan Howard Long: A Quantum Chemical Study of Carbon Monoxide Adsorption on Models of the MgO (001) Surface, December 1999. Columbia State Community College, 1665 Hampshire Highway, Columbia, Tennessee, 38401.
18. Katherine Parks: Weakly Coordinating Halogenated Ligands, August 2000. Bedford County Community High School, Unionville, TN.
19. Nyanguila Kakolesha: Determination of Acid Ionization Constants for Weak Acids by Osmometry and the Instrumental Analysis Self-Evaluation Feedback Approach to Student Preparation of Solutions, August 2001 Approach to Student Preparation of Solutions, August 2001. Department of Chemistry, Laredo Community College, Laredo, TX.
20. Mansoureh Rezaei: Transition State Analysis of Thymidine Phosphorylase from *E. coli*, August, 2001. Research Assistant, Vanderbilt University, Nashville, TN.
21. Don Perine: Characterizing the Learning Styles and Testing the Science-Related Attitudes of African American Middle School Students: Implications for the Underrepresentation of African Americans in the Sciences, December, 2002. Department of Chemistry, University of Mobile, 5735 College Pkwy, Mobile, AL 36613-2842.
22. Joseph Chimeno: Evaluating Three Methods that Contribute to the Learning of Inorganic Chemical Nomenclature, August 2003. College of Eastern Utah, Price, UT.

23. William Doria: An Ab Initio Study of Some Inorganic Platinum Complexes and Their ^{195}Pt Nuclear Magnetic Resonance Chemical Shifts, May 2003. Department of Chemistry, University of the Ozarks, Clarksville, AR 72830.
24. Barry Farris: Guided Learning Chemistry Activities in the Physical Science (PSCI 1030) Lab at Middle Tennessee State University, May 2005. Columbia Academy 1101 West 7th Street Columbia, TN 38401
25. Omobola Oladipupo: Methods Development for the Characterization of Mainstream Bidi Cigarette Smoke Assessment of Experiments for Environmental Analysis. August 2005.
26. Darcie Wallace Duckworth: Part A: The Effects of the Dimensions of Learning Model on the Epistemological Beliefs of Students Enrolled in General Chemistry Laboratory for Post-Baccalaureate Pre-Medical Students and Part B: Environmental Quality Survey Utilizing Tri Explorer and USGS Water Data and the Analysis and Characterization of Particulate Matter using Scanning Electron Microscopy. August 2006. Chemistry Department, Goucher College.
27. Mildred V. Hall: Part I. Student Success in Intensive Versus Traditional Introductory Chemistry Courses. Part II. Synthesis of Salts of the Weakly Coordinating Trisphat Anion. May 2008. Chemistry Department, Clark State Community College, 570 East Leffel Lane, Springfield, OH 45505
28. Gabriel Gillette: Analysis of the Distribution of Gas Law Questions in Chemistry Textbooks. ^{35}Cl NQR Spectra of Group 1 and Silver Dichloromethanesulfonates. Dr. Gabriel Gillette, West Memphis High School, 501 West West Broadway, West Memphis, AR 72301. Email: ggillette@wmsd.net.