

Vita

Henry C. Ramsey

Health, Workforce and Technical Studies
Lamar State College Orange
410 Front Street
Orange, Texas 77630
Office Phone: 409-882-3986
hramsey@lsco.edu

Education

B.S., Chemistry, 1976, North Carolina State University, Raleigh, North Carolina
M.S., Chemistry, 1988, Western Carolina University, Cullowhee, North Carolina

Numerous short courses and training, including these courses on online education delivered by Quality Matters:

- Applying the QM Rubric
- Designing Your Online Course
- Teaching Online – An Introduction to Online Delivery
- Measurable, Precise, Consistent and Clear Objectives
- Aligning Instructional Materials, Activities & Tools with Objectives
- Connecting Learning Objectives and Assessments

Licensures and Certifications

Biological Wastewater Treatment Plant Operator, South Carolina Class A, License 10167 (1997 - 2022)
Competent Communicator, Toastmasters International
Six Sigma Green Belt, Honeywell (2007)
Transportation Workers Identification Card – TWIC (2015-2020)
Associate Safety Professional (2013-2017)

Honors and Awards

Nomination for NISOD Excellence Award, 2024
Lamar State College Orange Distance Education Award, 2023
Southeast Region Volunteer Service Award, 2006, American Chemical Society Southeast Region
Bravo Silver Award, 2007, Honeywell Specialty Materials, Design and Management of the Specialty Materials Nanotechnology Conference
Bravo Silver Award, 2006, Honeywell Specialty Materials, Acting HS&E Leader at Colonial Heights, VA

Current Association Memberships

American Chemical Society, 1977 - Present

- Past Chair, Environmental Chemistry Division, Committee on Chemical Safety, Meetings and Expositions Committee, 1996 Southeastern Regional Meeting, and Western Carolinas Section
- Councilor, 1991-2006

Community Activities

Stark Art and History Venues Advisory Council, 2018 - Present

Professional Experience

Mississippi Department of Natural Resources, Bureau of Pollution Control
Chemist II, Jackson, MS, 1978-1979

- Led trace metals and pesticide residue analyses
- Updated analytical methods

American Enka Corporation (Business divested to BASF, 1985)

Research Chemist, Analytical Services, Enka, NC, 1979-1982

- Developed and installed new analytical methods to control production processes
- Research Chemist and Research Objective Leader, Enka, NC 1982-1983

- Developed and installed computerized spin finish data management system
- Optimized processing parameters for bulked polyester fiber

Research Chemist and Rayon Project Leader, Enka, NC, 1983-1991

- Prepared comprehensive rayon process manual
- Optimized processing parameters for rayon production plant
- Investigated plant upsets and recommended corrections
- Developed and commercialized new rayon product from laboratory to production
- Co-patentee for process to increase rayon absorbency
- Taught J. M. Juran quality program to teams throughout site

BASF Corporation (Business divested to Honeywell 2003)

Senior Environmental Engineer, Anderson, SC 1991-2003 (Took role for two sites 2001)

- Took over vacant environmental position and rebuilt program including water, air, wastes, SPCC, TSCA, PCBs, CERCLA, EPCRA, state, and BASF requirements
 - Managed wastewater treatment plant including process control studies and optimization
 - Led development and implementation of Title V air and NPDES water permits
 - Member of one to two corporate EHS audit teams each year
 - Added environmental and sustainability criteria to evaluation of chemicals and new processes
 - Managed recycling program
 - Reduced hazardous waste generation by greater than 60%
 - Incident commander for site spill team
 - Wrote and presented facility-customized compliance training and awareness programs
 - Led preparation and implementation of SPCC and stormwater pollution prevention plans
- Senior Environmental Engineer, Anderson, SC and Clemson SC, 2001-2003
- Interpreted and applied all environmental requirements for two production sites
 - Emphasized staff development and facility involvement
 - Coordinated and completed facility ecology, safety, and health footprints
 - Elected vice-chair, Anderson County Local Emergency Planning Committee

Honeywell Specialty Materials

Regulatory/Product Stewardship Leader, Anderson, SC 2003-2007

- Assessed all new raw materials, intermediates, and products for business
- Prepared and managed MSDSs for Resins and Chemicals business
- Led multi-company teams in response to arbitrary state and international indoor exposure standards for caprolactam

Interim Health, Safety, and Ecology Leader, Colonial Heights, VA 2006

- Managed environmental and safety programs while permanent candidate was recruited and hired in addition to product stewardship duties
- Helped guide new equipment to improve operator safety through change management process

SAP Product Safety Implementation Leader, Anderson, SC 2007-2008

- Defined and implemented global processes for MSDS preparation, distribution and support using SAP

Verrico Associates, LLC

Senior Associate, Kennett Square, PA, 2008-2011

- Developed raw material and product safety dossiers for a new business including toxicology, OSHA, RCRA, TSCA, EPCRA, and State (DE) requirements
- Developed EHS regulatory assessments for clients
- Developed greenhouse gas regulatory landscape (federal and states) and inventory protocol
- Developed and wrote standard operating procedures, training, audit protocols, and air permit exemption for client business
- Developed federal/state audit protocols, completed audits, developed and presented training

INVISTA

Environmental Engineer – Water Focus, Orange, TX 2011-2015

- Improved understanding of water programs through developing and organizing information and training
- Obtained Orange County, General Land Office, and stormwater permitting for dock facility
- Completed updates for site SPCC and SWPPP plans, site TPDES permit information
- Completed root-cause analysis training and served on investigation teams

Teaching Experience

Sylvan Learning Centers, Anderson, SC 2010-2011

Tutored ages 6-18 in mathematics, science, study skills, and test taking; ACT, SAT, and ASVAB preparation

Lamar State College Orange, Orange, TX, 2017 - present

Adjunct Instructor; Health, Workforce and Technical Studies 2017-2023

Instructor and Program Director, Process Technology/Instrumentation/Safety 2023-present

- Courses taught:
 - PTAC 1408 – Safety, Health, Environment I
 - EPCT 1301 – Hazardous Waste Operations and Emergency Response
 - EPCT 1305 – Environmental Regulations
 - EPCT 1341 – Principles of Industrial Hygiene
 - EPCT 1349 – Environmental Regulations and Interpretation
 - EPCT 2489 – Environmental Internship
 - PTAC 2413 – Principles of Quality
 - CETC 2480 – Cooperative Education
- Courses credentialed to teach:

- CHEM 1406 – Introductory Chemistry I`
- CHEM 1407 – Introductory Chemistry II
- CHEM 1411 – General Chemistry I
- CHEM 1412 – General Chemistry II
- CTEC 2480 – Cooperative Education
- EPCT 1301 – Hazardous Waste Operations and Emergency Response
- EPCT 1305 – Environmental Regulations Overview
- EPCT 1341 – Principles of Industrial Hygiene
- EPCT 1349 – Environmental Regulation and Interpretation
- EPCT 2489 – Environmental Internship
- PTAC 1408 – Safety, Health, Environment I
- PTAC 2314 – Principles of Quality
- SCIT 1418 – Applied Physics
- SCIT 1494 – Special Topics in Chemistry
- Converted course presentations from face-to-face to online
- Achieved Quality Matters certification for online course PTAC 1408
- Membership in QEP and FAME groups, early Blackboard Ultra evaluation group, strategic plan review group, and local comprehensive needs assessment group

Research Interests

- Online education
- Emerging issues in environmental science
- Evolution of environmental regulation
- Industrial safety
- Environmental and occupational safety, regulatory interpretation

Professional Presentations

Ramsey, Henry C. "My Non-PhD Chemical Career in Industry." New Realities of the Chemical Enterprise-Career Opportunities & Paths. 2016 Southwest Regional Meeting of the American Chemical Society, 12 Nov. 2016, Galveston, TX, Hilton Hotel.

Ramsey, Henry C. *An Evaluation of Gloves for Use with Quaternary Ammonium Silane Antimicrobial Agents*. Rep. no. 85/10. Enka: American Enka Corporation, 1985. (Presented at the 205th American Chemical Society National Meeting, March 28-April 2, 1993)

Ramsey, Henry C., "Chemistry, Production, and Properties of BASF Rayon." External presentations for BASF Rayon customers to explain rayon fiber property changes 1987-1988.

Numerous professional presentations during internal meetings, 1976 - present

Publications and Papers

Ramsey, Henry C. "Intramolecular Hydrogen Bonding in Selected Oxime, Dioxime, and Amineoxime Metal Complexes: a Critical Literature Review." Thesis. Cullowhee, NC / Western Carolina University, 1988. Print.

US Patent 4919681, Tyler, Robert A. (Candler, NC), Ramsey, Henry C. (Asheville, NC), Armstrong, Robert N. (Asheville, NC), 1990, Method of preparing cellulosic fibers having increased absorbency, United States, BASF Corporation (Williamsburg, VA)

Ramsey, Henry C., comp. *Rayon Process Manual*. Rep. Enka: BASF Corporation, 1990. Print. Compiler and general editor for comprehensive rayon process and technical manual, author of fundamental chemistry sections for each chapter.

Satterfield, M. Barclay, Charles E. Kolb, Robert Peoples, Georjean L. Adams, Darlene S. Schuster, Henry C. Ramsey, Ellen Stechel, Frankie Wood-Black, Raymond J. Garant, and Martin A. Abraham. "Overcoming Nontechnical Barriers to the Implementation of Sustainable Solutions in Industry." *Environmental Science and Technology* 43 (2009): 4221-226. Print.

Twelve internally published research reports, American Enka Corporation and BASF Corporation, 1985-1991.

Two regulatory landscape evaluations prepared for clients, Verrico Associates 2008-2011.

References

Ms. Susan K. Kelly, Environmental Engineer, Bridge City, TX
409-963-7327 (cell)
skkelly@gt.rr.com

Ms. Leslie Ray, Environmental Engineer, Orange, TX
281-731-1191 (cell)
leslie_ray915@yahoo.com

Ms. Michelle Falgout, P.E., Civil Engineer, Port Neches, TX
409-718-0839 (cell)
michelle.falgout@gmail.com

Mr. Jack McKinney
409-988-1452
jmckinney@gt.rr.com