

MEGHAN LAFFERTY

112B West Poplar Avenue, Carrboro NC 27510
919.618.4189 (h) / 919.962.1188 (w) / e-mail: melaffer@email.unc.edu

EDUCATION

University of North Carolina, Chapel Hill NC
MSLS, Expected May 2004

University of Georgia, Athens GA
Coursework toward PhD in chemistry, 1995-1998

Smith College, Northampton MA
BA with High Honors in Chemistry, 1995

EXPERIENCE

UNIVERSITY OF NORTH CAROLINA LIBRARIES, Chapel Hill NC
Kenan Chemistry Library Graduate Assistant (September 2002-present)

- Assist in planning for transfer of collection
- Collaborate with Triangle Research Libraries Network (TRLN) chemistry librarians to create online clearinghouse for teaching materials
- Conduct instruction session and create online resources webpage for undergraduate chemistry course
- Create online chemical information tutorial
- Maintain Chemistry Library webpage
- Manage serials collection and maintain serials location guides
- Order and process new acquisitions
- Provide reference and circulation assistance

UNIVERSITY OF GEORGIA LIBRARIES, Athens GA

- Resolve problems with approval shipments, invoices, and orders by communicating with vendors and bibliographers
- Redesign and maintain Acquisitions Department webpage

Ordering Coordinator (November 2000-July 2002)

- Coordinate ordering of monographs, media, and music
- Expedite processing of rush orders
- Search online sources for out-of-print titles

Approval Receiver (October 1999-October 2000)

- Coordinate seven foreign and domestic approval plans
- Verify MARC bibliographic records of and receive approximately 900 domestic and foreign approval books per month

DAILY GROCERIES CO-OP, Athens GA

Cashier (June 1999-July 2002)

- Provide assistance to customers with questions about natural foods, nutrition, and cooking

Meghan Lafferty 2

BLANCHARD STAFFING, Athens GA

Clerical Worker (June 1999-October 1999)

- Perform general clerical duties including copying, data entry, filing, processing payments, and searching records on microfilm

TEST SCORING AND REPORTING SERVICES, Athens GA

Test Scorer (February 1999-April 1999)

- Rate 200 fifth grade standardized writing tests per day

UNIVERSITY OF GEORGIA CHEMISTRY DEPARTMENT, Athens GA

Research Assistant (June 1997-August 1998)

- Collect, analyze, and organize spectroscopic data on magnetic and electronic properties of metalloenzymes

Teaching Assistant (September 1995-June 1997)

- Supervise and evaluate 25 students in general chemistry laboratory
- Lecture 200 students on chemistry laboratory safety and experimental procedures

AFFILIATIONS

American Chemical Society: Chemical Information Division

American Libraries Association: Association of College and Research Libraries, New Members Round Table and Social Responsibilities Round Table

North Carolina Library Association

Special Libraries Association: Chemistry Division and Science-Technology Division

PUBLICATIONS

"Mutagenesis studies of the FeSII protein of *Azotobacter vinelandii*: roles of histidine and lysine residues in the protection of nitrogenase from oxygen damage." J. Lou, F. Moshiri, M. K. Johnson, M. E. Lafferty, D. L. Sorkin, A.-F. Miller, and R. J. Maier. *Biochemistry* 38, 5563-5571. (1999).

"Heterologous biosynthesis and characterization of the [2Fe-2S]-containing N-terminal domain of *Clostridium pasteurianum* hydrogenase." M. Atta, M. E. Lafferty, M. K. Johnson, J. Gaillard, J. Meyer. *Biochemistry* 37, 15974-15980. (1998).

"Novel roles for Fe-S clusters in stabilizing or generating radical intermediates." M. K. Johnson, C. R. Staples, E. C. Duin, M. E. Lafferty, R. E. Duderstadt. *Pure and Applied Chemistry* 70, 939-946. (1998).

"[2Fe-2S] to [4Fe-4S] cluster conversion in *Escherichia coli* biotin synthase." E. C. Duin, M. E. Lafferty, B. R. Crouse, R. M. Allen, I. Sanyal, D. M. Flint, M. K. Johnson. *Biochemistry* 36, 11811-11820. (1997).

"The photoelectrochemistry of metalloporphyrin modified tin oxide electrodes." Thesis, Smith College, 1995.

Meghan Lafferty 3

SKILLS

Computing: Familiarity with Macintosh, Unix, and Windows operating systems and applications (including Microsoft Access, Excel, Power Point, and Word)

Languages: Knowledge of Spanish and Portuguese

Library systems: DRA, INNOPAC, OCLC, Voyager

Selected databases and indexes: Dialog, MEDLINE, Science Direct, SciFinder Scholar/CAS, Web of Science (Science Citation Index Expanded)

Web design: HTML Kit, Macromedia Dreamweaver, Macromedia Fireworks, Netscape Composer and hand-code HTML

AWARDS AND FELLOWSHIPS

Carolina Academic Library Associate Travel Award, University of North Carolina, 2003

Carolina Academic Library Associate, University of North Carolina, 2002-present

Susan Akers Fellow, University of North Carolina, 2002-2003

Abraham Baldwin Fellow, University of Georgia, 1995-1997

Sigma Xi, Smith College, 1995

Dean's List, Smith College, 1992-1995

CONFERENCES ATTENDED

Special Libraries Association (SLA) Conference. New York City, June 7-12, 2003

- Reporter for Chemistry Division sessions “Comparing Sources of Sequence Data” and “Genomics and Proteomics General Session”

Association of College and Research Libraries (ACRL) Conference. Charlotte, NC, April 10-13, 2003

Librarians Association at UNC-CH Conference. Chapel Hill, NC, March 17, 2003

ACTIVITIES

Membership Committee, Science-Technology Division, Special Libraries Association (SLA), 2003-present

Vice President, University of North Carolina Student Chapter of SLA, 2003-present

Volunteer Reference Librarian, Internet Public Library, 2002-present

Secretary, University of Georgia Library Staff Association, 2001-2002