

Paulina M. Borrego

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EDUCATION:

- Simmons College, Boston, MA; Master of Science in Library and Information Science, 2007.
- Rensselaer Polytechnic Institute, Troy, N.Y.; Master of Science in Natural Sciences; Emphasis on emerging instructional technologies, 1999.
- Wellesley College, Wellesley, MA; Bachelor of Arts in Chemistry; Minor in Mathematics. Honors: Sigma Xi; The Scientific Research Society, 1984.
- Klingenstein Fellow; Columbia University Teachers College.
- Teacher Certification: Chemistry, Mathematics, General Science.

PROFESSIONAL EXPERIENCE:

Reference Services Librarian UMass Amherst Winter 2007 – Present

- Liaison responsibilities to the departments of: Astronomy, Biochemistry & Molecular Biology, Chemistry, Mathematics & Statistics, Physics and Polymer Science & Engineering.
- Selector for the College of Natural Sciences and Mathematics.
- Reference desk duties.
- Experience creating subject web guides.
- Individual consultations with faculty and students.
- Library instruction.

Reference Librarian Part-time Smith College, MA Summer / Fall 2006

- Reference desk duties including in-person, phone, email and instant-messaging.
- One-on-one research appointments with students.
- Experience searching a wide variety of library online databases and other web-based resources.
- Independent special projects such as creating a knowledge base for e-mail reference questions.

Library Assistant Fisher College, MA 2005 - 2006

- Serviced the circulation and reference desk.
- Opening and closing responsibilities.
- Created theme based library displays to promote recreational reading.

Chemistry Teacher Stoneleigh Burnham School, MA 2000 - 2004

- Developed and executed science curriculum designed to serve a wide range of students.
- Responsive to female learning environment, ESL students and learning differences.
- Individual tutoring of students for math skills.
- Managed a laboratory budget including equipment repairs and replacement timelines.
- Designed, conducted and implemented laboratory experiments that placed an emphasis on real-world applications and environmental issues.
- Served as a mentor for new teachers.
- Volunteered to be the only off-campus faculty member working in the dormitory.

Chemistry Teacher Middlesex School, MA 1993 - 2000

- Taught honors and regular level chemistry courses in a demanding six-day-a-week environment.
- Implemented a variety of teaching technologies into the curriculum.
- Managed a group of high school boarding students in a dormitory setting.
- Coached and assisted a number of team sports.
- Frequently commended for attention to detail.
- Elected to various committees and councils.
- Collected and summarized data from constituent groups and presented results.
- Successfully solicited funds for a new science facility.
- Served on the National Association of Independent Schools Visiting Accreditation Committee.

Mathematics / Science Teacher Wilbraham & Monson Academy, MA 1990 - 1993

- Initiated and served as the first teaching intern offered by the school.
- Taught a variety of science and mathematics courses to high school and middle school students.
- Awarded a summer grant to inventory, categorize, organize and computer catalogue a vast chemical stockroom, including chemicals and laboratory equipment.
- Advised a range of clubs and activities.
- Acted as the Assistant to the Athletic Director for the Winter term.
- Organized and co-led a group of students on a three-week educational field trip to Montana.

Educational Assistant Central Bucks East High School, PA 1985 - 1990

- Tutored students-at-risk in mathematics.
- Compiled and assembled materials for the mathematics department.

Library Assistant Bucks Country Free Library, PA 1985

- Organized and prepared materials for bar-coding.

Library Assistant Wellesley College Science Library, MA 1980 - 1984

- Opened and closed the library.
- Worked the circulation desk and reference area.
- Gained experience with print scientific reference materials.
- Participated in the Wellesley College Book Arts Club.

COMMUNITY SERVICE:

- Library Trustee, Treasurer – Dickinson Memorial Library, Northfield, MA.
- Greenfield Community College Summer 2006 – Independent special projects including assessment of the science collection.
- Past host for the Massachusetts Institute of Technology Summer Science and Engineering program for Teachers.