

## EXPERIENCE

**Museum of Science, Boston** 1999 – 2008

Content Developer

- Researched, wrote, and/or edited curriculum materials, concept documents, content outlines, exhibit labels, project reports, and grant proposals on topics in the natural sciences, physical sciences, and technology
- Worked on interdisciplinary teams that included designers, technicians, evaluators, and educators
- Developed content for a series of public forums on children and computers, including identifying and inviting guest speakers and creating participant discussion activities
- Served as project manager for two teacher professional development projects

Program Manager, ComputerPlace

Fellow, ComputerPlace

- Developed interpretive demonstrations, hands-on activities, and new exhibit components
- Wrote and edited instructions for software, hands-on activities, and exhibit labels
- Reviewed and selected educational software for exhibit
- Hired, trained, and supervised volunteers, interns, and staff
- Launched several new initiatives including exhibit renovation and new floor plan; young learners area; technology activity boxes; using robotic toys to teach visitors about robotics, artificial intelligence, and computer programming; and collaborations with the Computer Clubhouse

**North Carolina Museum of Natural Sciences** 1999

- Developed concepts, researched, and wrote scripts for computer interactive exhibits on a variety of natural science topics, as part of a team of educators and subject-matter experts
- Wrote and edited label text for new exhibits on tropics, snakes, and backyard wildlife

**Webmaster, Sanford Institute of Public Policy** 1996 – 1999

- Designed and implemented web site in HTML
- Supervised part-time web developers

**Smithsonian Institution, Institutional Studies Office** 1998

- Worked on front-end and summative studies at various museums
- Performed quantitative and qualitative data collection and analysis

**North Carolina Museum of Life and Science** 1996 – 1997

- Developed and taught hands-on science programs for school groups, summer programs, and teacher workshops

## EDUCATION AND TRAINING

### Postgraduate Coursework

Tufts University/ Museum of Science, *Technology and Engineering for Educators*  
Harvard Extension School Center for Museum Studies, *Museum Exhibition*  
George Washington University Museum Studies Program, *Museum Evaluation*

### Professional Development Workshops

- *APE (Active Prolonged Engagement) Workshop*, Exploratorium
- *Delivering Technological Literacy in the Classroom*, workshop offered through the ITEA's Technology for All Americans Project
- *Design with a Purpose*, workshop offered through the Museum Institute for Teaching Science
- *Models and Designs: An Institute for Museum of Science Educators*
- *Copyediting*, course at Brookline Adult and Community Education
- *Using Labels to Reach Your Visitors*, workshop by Judy Rand
- *The Big Idea*, pre-conference workshop with Beverly Serrell

### Duke University, Master of Public Policy

Master's Thesis: Alternative Certification of Science and Math Teachers  
Departmental Fellowship Recipient, GPA 4.0, *Faculty Award for Overall Excellence*  
Presidential Management Internship Program Finalist  
Coursework included statistics, program evaluation, and survey research methods

### Duke University, Department of Biomedical Engineering

Completed all coursework for a Ph.D. in biomedical engineering

### Princeton University, Chemical Engineering

University Research Grant Recipient, Class of 1876 Prize Debate Winner

## PROFESSIONAL ACTIVITIES

Guest lecturer on Quantitative Analysis, Harvard Center for Museum Studies course on *Visitor Studies*, 2005

Certified Environmental Educator, North Carolina Office of Environmental Education, 2004

Publication: Timberlake, Susan A. "The Effect of the Government Performance and Results Act on Museums." *Visitor Studies Today!* Volume II, Issue 2, Summer 1999

Member, American Association of Museums and NAME, EdCom, and CARE Standing Professional Committees

Conferences attended: Association of Science-Technology Centers, 1998, 2004, 2006; International Technology Education Association, 2006; Massachusetts Environmental Education Society, 2002; Visitor Studies Association, 1998, 2000; American Association of Museums, 1998, 1999; Northeast Informal Science Education Network Conference, 1999