

Marilyn Ostergren

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Education

2005-2010 (anticipated) PhD Student, Information Science, University of Washington

Research area:

Information Visualization and Visual Presentation of Sustainability information

1992 MLIS - Master of Library and Information Science, University of Washington

1987 BS in Occupational Therapy, University of Washington

Work Experience

Autumn Quarter, 2007, Lecturer, Information School, University of Washington

Taught INFO 424: Information Visualization and Aesthetics (conceptual and practical aspects of creating maps, charts, diagrams etc to convey information).

Summer, 2007, Designer and Usability Consultant, Sightline Institute

Development and User Testing of designs for Sightline's Cascadia Scorecard:
<http://scorecard.sightline.org/summary.html>

2005-present Teaching Assistant, University of Washington

- Design and Development of Interactive Systems (Informatics Capstone project)
I met weekly with students to mentor them through the process of designing and evaluating a product that utilizes the skills they learned in the program.

- Information Visualization and Aesthetics
This is the undergraduate course that I later taught myself.

- Web Development tools (PHP, MySQL, JavaScript, AJAX)
I helped students with their assignments in the computer lab.

- Fluency and Information Technology (JavaScript, HTML and basic computing concepts for non-technical majors)
Lab instructor. I also rewrote many of the lab assignments.

2006-2007 Developer & Usability Test conductor, ActiveOptions.org, UW, Biomedical & Health Informatics

ActiveOptions.org is a multi-agency, nationwide project to compile and disseminate information about exercise and activity programs for older adults.

I conducted a usability test of the site with 11 participants aged 50-75. I then implemented design changes based upon the results of the test. I am also doing a literature review on older users and health information online.

2006 (fall) Application development, UW Institute for Surgical and Medical Simulation

I put together an application which allows the Institute to gather data on the performance of residents conducting simulations. The application is designed to be used on a tablet PC.

2006 (summer) Software developer, National Park Service, Library program (contractor)

Continued work on an application which enables users to catalog library materials by downloading existing records from online catalogs (in the form of structured text blobs), and modifying them or creating new records. The work involved both interface design and implementation of functionality to store, modify and retrieve text data.

1993-2005 Technical Information Specialist, National Park Service

2001-2005 Contractor:

Glacier National Park – bibliography visualization application

Channel Islands National Park – digital image database application

Denver Service Center Library – library cataloging application

1998-2001 Natural Resources Bibliography Coordinator, Park-Service wide

1994-1998 Natural Resources Bibliography Field Coordinator

1993-1994 Pacific Northwest Region Bibliography Developer

1987-1990 Occupational Therapist, Bainbridge Island School District

Technical Skills

Applications: Adobe Illustrator, Dreamweaver, MSAccess, Flash, MSEXcel

Development:

Extensive experience with MSAccess (VBA)

Basic competency in Flash, Flex, X/HTML, CSS, Javascript

Familiarity with AJAX, PHP, MySQL, ArcMAP

Publications & Presentations

[1] Ostergren, M., Karras, B.T. "ActiveOptions: Leveraging existing knowledge and usability testing to develop a physical activity program website for older adults". Paper presented at American Medical Informatics Association (AMIA) Symposium November, 2007, Chicago IL.

- [2] Lacenski, A. E., Ostergren, M, Karras, B. T., Moni, G., Dockery, M., Logerfo, J. P. "ActiveOptions: A Web Application to Help Seniors Locate Fitness Resources" Poster presented at AMIA 2006 Biomedical and Health Informatics: From Foundations to Applications to Policy, Nov 11-15, 2006, Washington DC.
- [3] M. Ostergren and A. Elder, "Using digital photography to create an inventory of Dinosaur National Monument's paleontology research library," *Park Science*, vol. 23, pp. 46-48, 2005.
- [4] J. Bayless, K. Bush, A. Elder, I. M. Mitchell, and M. Ostergren, "Museum management plan, Dinosaur National Monument. National Park Service," Intermountain Region Western Archeological and Conservation Center 2002.
- [5] M. Ostergren, "Presentation: "Creating bibliographies for National Park Service Sites in the United States" in Naples, Italy to members of PARC Europe (an international non-governmental organization dedicated to the preservation of parks and natural areas. Part of the IUCN (The World Conservation Union)." 2001.
- [6] M. Ostergren, Presentation at NPS (National Park Service) Cultural Resources Conference in Santa Fe, NM. "Recommendations for the Cultural Resources Bibliography, 2000.
- [7] M. Ostergren, Posters and presentations at National Park Service conferences on natural resource management, 1998-2001.
- [8] G. Wright and M. Ostergren, "Developing natural resource bibliographies, a service-wide project," *Park Science*, vol. 15, pp. 19, 1998.
- [9] M. Ostergren and G. Wright, "Natural Resource Bibliography (NRBIB) for National Park Service units in California and Nevada, Final Report," USGS Idaho Cooperative Fish and Wildlife Research Unit, University of Idaho, Moscow, ID 1998.
- [10] M. Ostergren and G. Wright, "Creating a bibliographic database for a widely distributed collection," *Information Outlook*, vol. 2, pp. 27-30, 1998.
- [11] G. Wright and M. Ostergren, "The Southwest Region Natural Resources Bibliography," National Park Service, Columbia Cascades System Support Office, Science and Natural Resources Division, Seattle, WA 1996.
- [12] M. Ostergren and G. Wright, "Resource database conversion and modification for NPS areas in the Pacific Northwest Region," College of Forestry, Wildlife and Range Sciences, University of Idaho, Moscow, ID 1995.