

Ellen J. Cramer

ejc123@gmail.com ~ <http://ejc.remarc.com/resume>

"Tell me and I forget. Teach me and I remember. Involve me and I learn." -- Benjamin Franklin

Work

Women's Health Clinician, Ithaca, NY

2009 - Present

Cornell University, Ithaca, NY

Information Science

Researcher/Programmer

2001 - 2008, National Science Digital Library Project (NSDL)

1998 - 2000, Computing and Facilities Support

SUNY Stony Brook, Stony Brook, NY

Pathways to Midwifery (Distance education program)

Visiting Assistant Professor

1998, Spring Semester

Midwifery Practice, Cortland, NY

Certified Nurse Midwife (CNM)

1994 - 1998, Family Health Network

1990 - 1994, OB/GYN Associates

OB/GYN Registered Nurse

1982 - 1987 L&D and Ob/Gyn office nurse

Education

Graduate Certificate – *University of Maryland* (February 2009)

Public Health Informatics, College Park, MD

GPA 4.0

GIS Workshops – *Cornell University* (Fall 2008)

GIS I (ESRI), GIS II (ESRI), Manifold

Ph.D. -- *Nova Southeastern University* (February 2004)

School of Computer and Information Systems, Fort Lauderdale, FL

GPA: 4.0

M.S. -- *University of Minnesota* (March 1990)

Nurse Midwifery, Minneapolis, MN

GPA: 4.0

B.S. -- *SUNY Institute of Technology* (May 1981)

Nursing, Utica, NY

Dean's List

R.N. Diploma -- *C.S. Wilson Memorial Hospital* (June 1979)

School of Nursing, Johnson City, NY

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Teaching Experiences

Student Projects

Mentored several student projects in Computer Science, Human Computer Interaction, and Information Science researching information visualization interfaces, online collaboration tools, metadata quality analysis, and search results displays and analysis (2001 – 2008).

Web Standards

Empire State College, Adjunct Faculty (2005)

Instructed ESC independent student using web standards to develop a web resource to help non-profit organizations create a web presence using current web standards and technology (xhtml, css/p, rss) while incorporating a user-centered design.

Introduction to Web Design and Programming (COM S/INFO 130)

Cornell University, Computer and Information Science (2004)

Assisted Professor Phoebe Sengers with course management and lectures. Supervised teaching assistants in creating and grading assignments. Course topics: web design, layout, usability, accessibility, XHTML, CSS/P, PHP, and image manipulation.

Preceptor

In addition to teaching at SUNY Stony Brook, our midwifery practice was a clinical site and I served as adjunct faculty for CNEP, SUNY Stony Brook, and NJMD. We also precepted nurse practitioner students, nursing students, medical students, and EMT trainees (1990 – 1998).

Publications

Krafft, D., Birkland, A., & Cramer, E. (2008). *NCore: Architecture and Implementation of a Flexible, Collaborative Digital Library*. Paper to be presented at Joint Conference on Digital Libraries, Pittsburgh, PA in June 2008.

Cramer, E. & Minton Morris, C. (2008). *Embedding the Managed Repository in National Science Digital Library (NSDL) Semantic Library Services*. Paper to be presented at Open Repositories Conference, Southampton, UK on April 1, 2008.

Lagoze, C., Krafft, D., Jesuroga, S., Cornwell, T., Cramer, E., Shin, E. (February 2005). *An Information Network Overlay Architecture for the NSDL*. Joint Conference on Digital Libraries in Denver, CO, June 2005.

Cramer, E. (February 2004). *Web-based continuing education for midwifery preceptors: building community online*. Doctoral dissertation. Nova Southeastern University, School of Computer and Information Science.

Cramer, E., Krafft, D., Hillmann, D., Saylor, J., Terrizzi, C. (May 2003). *Contribution and collaboration strategies for the National Science Digital Library: Investigating technological solutions to facilitate social evolution of a collaborative infrastructure*. Joint Conference on Digital libraries in Houston, TX, May, 2003.

Cramer, E., Terrizzi, C. (April 2003). *Outside the Box: Incorporating a Novel User Interface for the National Science Digital Library into Everyday Home Activity*. CHI 2003 Workshop, Fort Lauderdale, FL.

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Technology Skills

Web Services

Web 2.0 collaborative tools and social networks

Data visualization and analysis

[Independent Web Work](#)

Experienced with managing and using: Apache or IIS with PHP and MySQL, Postgresql, and Oracle; Tomcat container and java libraries with in-house and open source applications.

Past experience with using Microsoft Exchange and MS-SQL; Remedy Helpdesk and uPortal customizations.

GIS

ESRI ArcInfo, ESRI ArcExplorer, Manifold System

Open source: Grass GIS, Quantum GIS, Google Maps API

Health data: Epi Info

Programming languages

Ajax, CSS, Java, Java script, JSP, PHP, REST, RSS, SOAP, SQL, XHTML, XML, XSLT.

Strong proponent for using CVS or equivalent for collaborative and individual code versioning. Comfortable using Jakarta Ant for java compilation.

Past experiences: Basic, Cold Fusion, Mason, Perl, Visual Basic.

Operating Systems

Experienced with administration and development in Linux, Windows, and Macintosh.

Desktop Applications

Adobe Photoshop/Illustrator, Altova XML Spy, Cygwin, Eclipse IDE and plug-ins, Exceed, GIMP, Internet browsers, ssh and ftp clients, Macromedia Studio, Microsoft Office, OpenOffice, vi.