

## Sunny Lynn Worel, MLIS AHIP

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[click here.](#)

### **EDUCATION:**

#### **DOMINICAN UNIVERSITY / COLLEGE OF SAINT CATHERINE**

River Forest, Illinois / St. Paul, Minnesota 1994-1996

M.S. Library and Information Science.

#### **UNIVERSITY OF MINNESOTA**

Minneapolis, Minnesota 1986-1990

B.S. Biochemistry, B.S. Microbiology

### Selected Continuing Education:

Medical Informatics, Woods Hole Marine Biological Laboratory, September 28-October 5, 2003

PUBH 5074: Mass Communication and Public Health, University of Minnesota, Spring Semester 2003

Langevin, Train the Trainer Program, Langevin, University of Minnesota, August 2-4, 2000

MHPE 494: Quantitative Research Methods, University of Illinois Chicago, Spring Semester 1998

### **EMPLOYMENT / CONSULTING:**

#### **PHARSIGHT**

Mountain View, CA, 2007-

Clinical Database Specialist

- Search and selection of clinical trial data suitable for extraction and modeling
- Aid in the design of excel spreadsheets for data extraction and PK/PD modeling
- Extraction of clinical trial data
- Quality control of extracted clinical trial data
- Management of PDFs and bibliographic data using Reference Manager and ENDNOTE

#### **GULFSTREAM BIOINFORMATICS**

Lexington, MA, 2003-2005, 2008

Clinical Information Curator

- Reviewed the clinical literature regarding 77 different disease groups
- Designed specifications for disease group modules for a gene based bio-specimen databank
- Created and refined 10 versions of a comprehensive database taxonomy
- Collected and made revisions from researcher's feedback regarding the content of the system
- Examined adverse event statistics from the clinical literature & made comparisons with FDA data

#### **THOMSON WEST**

Eagan, MN, 2006-2007

Medical Librarian

- Design and development of a medical information system for medical litigators for Westlaw
- Created a taxonomy based on the UMLS for diseases, injuries, and accidents
- Modified a taxonomy based on Redbook data for drug information
- Selection of medical content for inclusion in the new Medical Litigator product
- Aided in usability studies and user focus groups for product improvement

## INTERNATIONAL AIDS VACCINE INITIATIVE (IAVI)

New York, NY, 2005-

### Medical Information Specialist

- Conducted a comprehensive needs-assessment for current awareness, document delivery, journal purchases, and library budget
- Evaluated new products and services to meet IAVI information needs
- Designed and delivered weekly vaccine technology alerts to members worldwide
- Provided scientific, competitive intelligence, and patent search services

## RN BARR LIBRARY - MINNESOTA DEPARTMENT OF HEALTH

Minneapolis, MN, 2001-2003

### Electronic Services Librarian

- Obtained funding and implemented electronic document delivery and interlibrary loan
- Created an electronic current awareness newsletter for public health professionals in Minnesota
- Designed and created the first version of the library Web page

## BIO-MED LIBRARY - UNIVERSITY OF MINNESOTA

Minneapolis, MN 1998 - 2001

### Reference Librarian

- Coordinated search services for the reference department
- Designed a successful bibliographic instruction course for EndNote software
- Participated in an interdisciplinary evidence-based healthcare grant

## **LABORATORY EXPERIENCE:**

### DEPARTMENT OF DERMATOLOGY - UNIVERSITY OF MINNESOTA

Minneapolis, MN, 1992-1995

Confocal Microscopy, Immunohistochemistry, Electrophoresis, Protein Extraction, Laboratory Management

### DIASORIN

Stillwater, MN, 1990-1992

RIA, IRMA, ELISA, Column Chromatography, Immunodiffusion

### DEPARTMENT OF INFECTIOUS DISEASES – VA MEDICAL CENTER

Minneapolis, MN, 1989-1990

Bactericidal Assays, ELISA, Bacterial Culture Maintenance

## **PUBLICATIONS:**

Worel, SL, Kotlyar M, "Late Life Depression: Depression in the Elderly" *Journal of the Medical Library Association*, 93(1) (January 2005): 140

Worel, SL, "Journal Citation-Seeking Behavior at Two Health Sciences Libraries" *Journal of the Medical Library Association*, 92(1) (January 2004): 91-94

Worel, SL, Rethlefsen ML, "1927 Reference in the New Millennium: Where is the Automat?" *Journal of the Medical Library Association* 91(2) (April 2003): 222-230

Worel S, "Automatic MEDLINE Searching: Integrating Medical Information into Web Pages." *Econtent* 22:5 (August 1999): pp. 38-42

Worel S, "Consumer Health Resources Online: Web Site Directory." In *Patient Resources on the Internet: A provider-to-Patient Resource for On-line Disease Management and Personal Health Information*. 1998-1999 ed. New York: Faulkner & Grey, 1998. pp. 257-352

Ericson M, Gabrielson A, Worel S, Lee WS, Hordinsky MK, "Substance P (SP) in innervated and non-innervated blood vessels in the skin of patients with symptomatic scalp." *Experimental Dermatology*: 8:4 (August 1999): pp. 344-345

Hordinsky MK, Lorimer S, Worel S, "Innervation and Vasculature of the Normal Human and Alopecia Areata (AA) Hair Follicle: An Immunohistochemical and Laser Scanning Confocal Microscope Study." In *Hair Research for the Next Millennium*. New York: Elsevier, 1996

Hordinsky MK, Kennedy W, Wendelschafer-Crabb G, Lewis (Worel) S, "Structure and Function of Cutaneous Nerves in Alopecia Areata." *Journal of Investigative Dermatology* 104: Supplement 5 (May 1995): 28s-29s

### **PRESENTATIONS:**

"Changing Measures of Madness: The Case of Winnie Ruth Judd" Medical Library Association Annual Meeting, Phoenix, Arizona, May 21, 2006

"Experiences and Observations of Bibliographic Management Software Use and Training" Medical Library Association, Midwest Chapter Meeting, Milwaukee, Wisconsin, October 8, 2001

"Interdisciplinary Evidence-Based Practice" Academic Health Center Interdisciplinary Retreat - Developing a Minnesota Model for Interdisciplinary, Community-Based Education" Minneapolis, Minnesota, May 9, 2001

"PubMed Search Competitions: Training for Library Staff" Midwest Chapter MLA Annual Meeting, Cincinnati, Ohio, September 24, 2000

"Complementary Medicine: A Guide to Resources" Health Science Libraries of Minnesota Annual Meeting, Minneapolis, MN, April 14, 2000

"Librarian Involvement in an Evidence-Based Internal Medicine Residency Program." Medical Library Association, Midwest and Southern Chapter Joint Meeting, Lexington, Kentucky, October 11, 1998

"Assessing Evidence -- An Architecture for Health Care Education" Evidence Based Health Care Symposium. Academy for Excellence in Teaching, UIC College of Medicine, Chicago, Illinois April 29, 1998

### **POSTERS:**

"Information Specification Development for Disease-Specific Tissue Phenotype Annotation" Frontiers in Oncology and Pathology Informatics, Lake Tahoe, California, August 24, 2005

"eBay Sellers' Opinions about 'Librarian' Clothes: Frumpy or Bumpy?" Medical Library Association Annual Meeting, San Diego, CA, May 5, 2003

"Evaluation of Browsing Behavior of a HealthWeb Subject Page" Medical Library Association Annual Meeting, Vancouver, BC, May 8, 2000

"A Current Awareness Service Using PubMed with Web Delivery" Medical Library Association Annual Meeting, Vancouver, BC, May 8, 2000

**SELECTED BOOK REVIEWS:**

“UICC Manual of Clinical Oncology” *E-STREAMS* 8:8 (August 2005)

“Rapid Differential Diagnosis: A-Z of Symptoms, Signs and Laboratory Test Results in Medicine” *E-STREAMS* 7:6 (June 2004)

“Vaccine Book” *E-STREAMS* 6:10 (October 2003)

“Encyclopedia of Forensic Science: A Compendium of Detective Fact and Fiction” *E-STREAMS* 6:6 (June 2003)

“Handbook of Behavioral State Control: Cellular and Molecular Mechanisms” *E-STREAMS* 3:4 (May 2000)

“Primer of Drug Action: A Concise, Nontechnical Guide to the Actions, Uses, and Side Effects of Psychoactive Drugs” *E-STREAMS* 1:1 (January 1998)

**GRANTS / AWARDS:**

Research Award, MLA Research Section, “eBay Sellers’ Opinions about ‘Librarian’ Clothes: Frumpy or Bumpy?” Medical Library Association Annual Meeting, 2003

Technology Improvement Award, National Network of Libraries of Medicine, Greater Midwest Region 2002 “Electronic Document Delivery for Public Health and School Health Professionals in Minnesota”

Nikon International Small World Competition 1997 - Eleventh place confocal micrograph featured in the 1998 Nikon Small World Calendar

**MEMBERSHIPS:**

1998-	Medical Library Association
1998-	Midwest Chapter, Medical Library Association
2002-2004	Representative at Large
2007	Parliamentarian
1999-	Health Science Libraries of Minnesota (HSLM)
2000- 2001	Treasurer/Membership Chair
2002-2003	Program Co-Chair
2001-	Academy of Health Information Professionals (AHIP)