

Elaine A. Nowick
201 C. Y. Thompson Library
University of Nebraska-Lincoln
(402)472-4408
enowick@unlnotes.unl.edu

Experience

1995-present Liaison Librarian, University of Nebraska-Lincoln Libraries
1995-2001 Assistant Professor
2001-2007 Associate Professor
2007-present Professor

Provides reference service and bibliographic instruction to faculty, students, and the public. Have served as a liaison between the library and the Entomology, Agronomy, Plant Pathology, Horticulture, Biometry and Computer Science Departments in collection development and bibliographic instruction. Specifies material to be added to the collection in liaison areas. Serves the university and professional community through membership in professional societies and community involvement, provides web site design, electronic reference, and collection development through the AgNIC Plant Science Web site

1992-1995 Library Clerk, Denver Public Library

Provided reference service and bibliographic instruction in the Serials Department of the DPL Central Branch. Assisted with collection maintenance.

1991 Instructor, Metropolitan State College of Denver

Developed upper division course in genetics. Presented lectures. Assigned grades and provided individual student assistance when needed.

1982-1989 Assistant Professor, LSU Rice Research Station, Crowley, La.

Headed research program from planning through final presentation of results. Determined research needs, wrote successful grant proposals, selected appropriate experimental designs, supervised assistants, collected and analyzed data, and developed appropriate presentations. Presented results to both specialized and lay audiences, published articles in edited journals.

Education

M.L.S. Emporia State University, Emporia in the Rockies
Library Science and Information Management
Fall 1994

Ph.D. Iowa State University, Ames, Iowa
Agronomy-Plant Breeding
Spring 1980

M.S. Colorado State University, Fort Collins, CO
Agronomy-Plant Breeding
Spring 1976

B.A. University of Colorado, Boulder, CO
Botany
Winter 1971

Publications

Book Chapters

Nowick, Elaine A. 2002. Horticulture. In: Hutchinson, Barbara and Antoinette Powell (eds.) *Using the Agricultural Literature*. New York: Marcel Dekker.

Peer-Reviewed Journal Articles

Nowick, Elaine A., Kent M. Eskridge, Daryl A. Travnicsek, Xingchun Chen, and Jun Li. 2005. A model search engine based on cluster analysis of user search terms. *Library Philosophy and Practice* Spring 2005. <http://www.webpages.uidaho.edu/~mbolin/nowick-et-al.htm> (January 11, 2006)

Nowick, Elaine and Claudine Jenda. Libraries stuck in the middle: Reactive vs. proactive responses to the science journal crisis. *Issues in Science and Technology Librarianship*. Winter 2004. <http://www.istl.org/04-winter/article4.html> (January 3, 2005)

Nowick, Elaine A., Claudine Arnold Jenda, and Jonas Azzam. 2004. Indexing of open access journals in agriculture. *IAALD Quarterly Bulletin* 49 (1/2):20-23

Nowick, Elaine A. and Margaret V. Mering. 2003. Comparisons between Internet Users Free-text Queries and Controlled Vocabularies: A Case Study in Water Quality. *Technical Services Quarterly* 21(2) :41-49.

Nowick, Elaine A. 2002. Use of META tags for Internet documents. *Journal of Internet Cataloging* 5(1):69-75.

Nowick, Elaine and Melanie Gardner. 2001. Getting it Out There: A cooperative Network for Information Sharing. *Technical Services Quarterly*, 19(3).

Nowick, Elaine. 2001. Using Server Logfiles to Improve Web Site Design. *Library Philosophy and Practice*, 4 (1).
<http://www.uidaho.edu/~mbolin/lppv4n1.htm> (Feb. 25,2003)

Web pages

Historical Common Names of Great Plains Plants

<http://www.unl.edu/agnicpls/gpcn/index.html>

This website lists over 26,000 common names in 5000 species, all native or naturalized in the Great Plains. Over 200 historical and current information sources were consulted in developing this website, which is meant to be a guide for restorationists and historians

UNL AgNIC Plant Science Homepage

<http://www.unl.edu/agnicpls/agnic.html>

A guide to reliable and high quality documents available through the Internet on a wide range of plant science topics. This site has links to over 1000 Web Pages on topics such as plant taxonomy, pathology, germplasm sources, and crop production. An on-line reference service is an integral part of the Web site.

UNL AgNIC Water Quality Page

<http://deal.unl.edu/agnic.html>

A portal to high quality information on water quality for farmers, K-12 students, and the general public. The web site has over 2000 links to water quality topics and also contains bibliographies on water topics from poetry to wetland restoration for both children and adults. A guide to Nebraska wetlands is included with images and ecological information on 75 native species of plants and animals.

Grants Funded

A National Electronic Learning Center for Animal Agriculture Water Quality Issues. Aug. 2005. \$300,000. CSREES. Member, Outreach Team.

Rick Koelsch is the principal investigator at UNL for this multi-university grant. My role is the library consultant. This grant was developed under a seed grant from the National Agricultural Library which I helped write

Western Waters. Katherine Walter, Elaine Nowick, Dee Ann Allison. \$10,309. Greater Western Library Alliance. Jan. 2005.

My role in this project was as a subject specialist to help identify information sources at C.Y. Thompson Library for digitization.

Project Planning Proposal for A National Electronic Learning Center for Animal Agriculture Water Quality Issues. Rick Koelsch, Elaine Nowick, and Ron Roeber. \$7800. 2004. USDA-ARS, National Agricultural Library (NAL)

I identified a potential source of funding for this project, assisted with the writing of the proposal, and shepherded the grant through the approval process.

University of Nebraska Faculty Development Fellowship, July-December 2004

Building Knowledge of Sustainable Rangeland Management: Using Information Technology – Northern Great Plains. Nebraska Library Representative. 2003.

This is a multi-state grant proposal funded by Sustainable Agriculture Research and Extension (SARE). Nebraska will receive \$4000 to be used for travel, planning and implementation of a web-based information resource.

Frank H. Shoemaker Papers and Photographs. UCARE Award. Benjamin Schmitz and Elaine Nowick. 2002/03-\$2000, 2003/04-\$2400

Developing Access to Frank Shoemaker Lantern Slides and Glass Plate Negatives
Rebecca Bernthal, Elaine Nowick , Mary Ellen Ducey. June 2002
\$500 – UNL Libraries

AgNIC Enhancement Project. Library Executive Retreat funding. July 2001.
Funded a graduate student in Computer Science and additional programming through the DEAL Lab to enhance the AgNIC Plant Science site.

USDA Agricultural Telecommunications Grant, “Developing and Delivering a National Alfalfa Information System” to develop a web-based source of reliable information for alfalfa growers. Aug. 1999. My role is to develop a thesaurus and provide indexing
\$750

General Services Administration Grant, “Excellence in Water Quality” to establish an AgNIC Homepage for Water Quality. 1997.
\$497,112
Jim King and Elaine Nowick

UNL Libraries Grant “User Search Behavior on the World Wide Web” \$500 to study student search patterns on the WWW. 1997.
\$500
Elaine Nowick and Judellen Thornton-Jaringe

Awards

Nebraska Sigma Xi Outstanding Science Librarian Award 1999

with Kate Adams for Service to Distance Education students in science

Gamma Sigma Delta Agricultural Honorary, member 1971-

Professional Participation

Professional memberships

Council for Botanical and Horticultural Libraries 2001-
United States Agricultural Information Network (USAIN) 1995-
American Library Association 1995-2001

National service/committees

Member of Library Philosophy and Practice editorial board
2005-

AGNIC Interest Group Convener for USAIN 2004-2006

AgNIC Executive Board 1998-2002

chair-elect 1999/00

chair 2000/01

past-chair 2001/02

AgNIC Coordinating Council

UNL Representative 1997-

ACRL STS Forum for Science & Technology Library Research 1999-

2001

ALA Research and Statistics 1996-1998

ACRL Research and Statistics, intern 1996, member 1997-1999

ALA LIRT Research 1995-1999

ALA NMRT Shirley Olofson Memorial Award 1995/96

member, travel grant review committee

Presentations at Professional Meetings

Big Rewards-AgNIC Cooperative Content Building Projects. USAIN biannual
conference, Lexington KY May 15-18, 2005

Panel member

AgNIC: Focus on Partners. USAIN biannual conference, Lexington KY May 15-
18, 2005

Organized session and participated as speaker

*Libraries stuck in the middle: Reactive vs. proactive responses to the
science journal crisis* Claudine Jenda and Elaine Nowick. USAIN
Biennial Conference April, 2003.

The AgNIC ROADS Project: Impact on Partner Institutions, presented at the USAIN Biannual Conference. April 2001 Raleigh, North Carolina.

Getting it Out There – a Cooperative Network for Information Sharing, Poster presented at ACRL 10th National Conference March, 2001 Denver, Colorado.

AgNIC...USAIN Biennial Conference April 2001.

Discipline-oriented Information Services Collaboration: A National Agricultural Library and Land-grant University Model for Resource Access. Elaine A. Nowick and Debra L. Currie. In *Knowledge Leaders for the New Millenium: Creators of the Information Future*. 90th Annual Conference. Minneapolis MN June 5-10, 1999.

AgNIC Update – Challenges of Managing Multisubjects. USAIN Biennial Conference. April 1999

Gray Literature on the Web – Helping Users to Find It. Elaine Nowick, Kay Mowery, and Tim McKimmie. April 1999.

The AgNIC Plant Science Reference Service. Elaine Nowick and Rebecca Bernthal. Joint ILA/ACRL and NE/C7U Spring 1998 Conference.

Shrinking Budgets and Changing Formats; Journal Use Studies and Comparisons of Journal Indexing Databases. Elaine Nowick, Anita Breckbill, and Mary Cassner. NLA/C & U Spring 1997 Conference

The AgNIC Plant Science Homepage and Pilot Reference Service. NSF-EPSCOR Plant Science Retreat, Aurora Nebraska – May 1997.

Service to University

Academic Rights and Responsibilities – Panel Member

Nebraska Native Plant Society – Co-founder

Water Quality Educational Technology. Presentation at 1998 Congressional Staff Briefing and Tour.

Service to Library

Program, Policy, and Budget Committee, 2004-2006, chair 2005/6, Liaison 2004/5

TOG Public Services Representative 2004-2006

Electronic Resources Program Group 2002-2003, secretary 2002

Committee on Academic Rank and Tenure, member (COART) 2001-2003

Quality Indicators Taskforce

Collection Development Committee, member 1995-2001

Member, Library Science Careers Task Force

Reference PG Study Group 1999

Joint Reference Training Steering Committee 1997-1999, chair 1997/8

Ergonomics Committee 1995-1999, secretary 1996/7