

Michael Knee

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Science Library (LE-243)
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Delmar, NY 12054
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EDUCATION:

Institution: Rutgers University
Specialization: Library and Information Studies
Degree: MLS
Date Received: 1977

Institution: Montclair State University
Specialization: Chemistry/Education
Degree: MA
Date Received: 1975

Institution: Montclair State University
Major: Chemistry
Minor: Mathematics
Degree: BA (cum laude)
Date Received: 1971

Institution: Rutgers University
Major: Pharmacy
Dates: 1967-1970

PROFESSIONAL EXPERIENCE:

Institution: University at Albany, SUNY
Science Library, 1999 - (University Library, 1981 - 1999)
Position: Physical, Mathematical, & Computer Sciences Bibliographer and
Reference Librarian
Rank: Librarian, 1996 -
Associate Librarian, 1987 - 1996
Senior Assistant Librarian, 1984 - 1987
Assistant Librarian, 1981 - 1984
Dates of Service: 1981-

Bibliographer for chemistry, computer science, mathematics & statistics, nanoscale science & engineering, and physics; responsible for the selection, management, and review of these subject collections and acts as the liaison with the faculty and students in these departments and college. Acting bibliographer for biological sciences, geological sciences, and atmospheric sciences (August - December 1984 and November 1999 - March 2000). Acting bibliographer for biological sciences and atmospheric sciences (July - December 1986, October 1988 - February 1989, and September 1991- April 1992). Provides reference services from the Science Library's and the University Library's reference desks. Resource for the referral of specialized reference queries for chemistry, computer science, mathematics & statistics, and physics. Conducts library instruction classes. Web builder and designer for subject resources on the Internet for biological sciences, chemistry, computer science, mathematics & statistics, nanoscale science & engineering, and physics. Conducted online literature searches using Dialog and STN. Served as project manager and indexer for the **Times Union** indexing project. Served as acting director of the Science Library when director was on leave. Fulfills faculty obligations in the areas of research and service.

Institution: University of North Dakota
Chester Fritz Library
Position: Public Services Librarian/Biological, Physical, & Mathematical
Sciences Bibliographer
Dates of Service: 1979-1981

Bibliographer for biology, chemistry, computer science, industrial technology, mathematics, and physics. Served at the Library's reference desk, conducted online literature searches utilizing Lockheed Dialog and SDC Orbit databases, and provided general and subject-oriented library instruction sessions. Managed two science branch libraries (chemistry and mathematics/physics)

Institution: Knoll Pharmaceutical Co.
Research Library
Whippany, NJ
Position: Information Scientist
Dates of Service: 1978-1979

Institution: Rutgers University
Library of Science and Medicine
Position: Serials Librarian/Reference Librarian
Dates of Service: 1977-1978

RELATED EXPERIENCE:

Institution: Essex County College, Newark, NJ
Position: Teaching Assistant (Chemistry)
Dates of Service: 1976-1977, 1974-1975

Institution: East Side High School, Newark, NJ
Position: Chemistry and General Science Teacher
Dates of Service: 1975-1976

Institution: West Side High School, Newark, NJ
Position: Mathematics Teacher
Dates of Service: 1973-1974

PROFESSIONAL AND SCHOLARLY ACTIVITY:

-Articles-

Knee, Michael. Internet Reference Sources for Computing and Computer Science: A Selected Guide. **Journal of Library Administration** 44(1/2) 2006: 253-273.

Knee, Michael. Computer Science: A Guide to Selected Resources on the Internet. **College & Research Libraries News** 62(6) June 2001: 609-615 <http://www.ala.org/acrl/resjune01.html>.

Knee, Michael. Guide to Computer Science Internet Resources. **Issues in Science & Technology Librarianship** 15 Summer 1997 http://www.library.ucsb.edu/istl/97_summer/internet2.html.

He, Peter Wei and Michael Knee. The Challenge of Electronic Services Librarianship. **Reference Services Review**. 23(4) 1995: 7-12.

Knee, Michael. *Beilstein* and *Gmelin*: Keep or Cancel. **Library Acquisitions: Theory & Practice** 16(4) 1992: 443-450.

Knee Michael, Marjorie Benedict, and Mina LaCroix. Finding Space For Periodicals: Weeding,

Storage and Microform Conversion. **Collection Management** 12(3/4) 1990: 145-154.

Atkinson, Steven D. and Michael Knee. Managing Database Information: An Index to Online Databases. **The Reference Librarian** 18 1987: 279-290.

Knee, Michael. Newspaper Indexing Using WordStar and Personal Pearl. **Reference Services Review** 14(2) Summer 1986: 31-32.

Watkins, Steven G., Michael Knee, and Steven D. Atkinson. The Osborne Executive for Indexing, Accounting, and Information Management. **Small Computers in Libraries** 5(10) November 1985: 24-27.

Knee, Michael. An Evaluation of the UNIVAC 1100/82 Text Editor as an Alternative Word Processor for Generating a Newspaper Index. **Information Services & Use** 4(1) 1984: 31-36.

Knee, Michael. Producing a Local Newspaper Index. **The Indexer** 13(2) October 1982: 101-103.

-Monographs-

Knee, Michael. **Computer Science and Computing: A Guide to the Literature**. Westport, CT: Libraries Unlimited, 2006. [**Choice** "Outstanding Academic Title," 2006]

Knee, Michael and Steven D. Atkinson. **Hypertext/Hypermedia: An Annotated Bibliography**. New York: Greenwood Press, 1990.

-Chapter-

Knee, Michael [contributor]. Computing in **RCL: Resources for College Libraries**, edited by Marcus Elmore. Chicago: American Library Association, 2007. [also available online as RCLweb <http://rclweb.net/>]

-Web Publications-

Knee, Michael. **Science Resources** (blog). 2005 - . http://liblogs.albany.edu/science_resources/

Knee, Michael. **Science Sources on the Web**. 1995-1998. (This site no longer exists. It provided access to key scientific resources on the Internet for atmospheric sciences, biological sciences, chemistry, computer science, geology, mathematics, physics, and general science. It was became the foundation for the University at Albany University Libraries "Subject Pages & Guides" Web site <http://library.albany.edu/subject/>.)

Knee, Michael. **Wolves: A Bibliography and Guide to the Literature, 1968-1987**, 1995 <http://www.albany.edu/~knee/wolf.html>.

-Web Subject Resource Guides-

Biological Sciences. <http://library.albany.edu/subject/biosci.htm>.

Chemistry. http://libguides.library.albany.edu/chem_web_guide.

Computer Science. <http://library.albany.edu/subject/csci.htm>. [reviewed in **Choice**, Dec. 2001]

Mathematics & Statistics. http://libguides.library.albany.edu/math_web_guide

Nanoscale Science & Engineering. http://libguides.library.albany.edu/nano_web_guide.

Physics. http://libguides.library.albany.edu/physics_web_guide.

-Indexes-

Knee, Michael. **Index to the Albany Times Union**, 1982 - 1990. Albany, NY: University at Albany, SUNY, University Libraries, (10 semi-annual & 3 annual compilations), 1984-1988, 1994, 1996, 1998.

Atkinson, Steven D. and Michael Knee. **Subject Index to Databases Available from Computer Search Service**. Albany, NY: University at Albany, SUNY, University Libraries, 1986. [also available as ERIC document # ED 267 825]

Knee, Michael and Steven G. Watkins. index to **Enable** (ver. 1.0) software manuals. Ballston Lake, NY: The Software Group, Inc., 1984. [reviewed in **InfoWorld** 7(3): 37-38]

Knee, Michael. **Index to the Grand Forks Herald**, January/June 1980-July/December 1981. Grand Forks, ND: University of North Dakota, (4 semi-annual compilations), 1980-1981.

Knee, Michael and Kerry Kushinka. **Verapamil (Isoptin) Literature Index**. Whippany, NJ: Knoll Pharmaceutical Co., (private online searchable database), 1979.

-Guide-

Knee, Michael and Otis A. Chadley. **A Guide to Indexing Projects of New York State Newspapers**. Albany, NY, 1988. [reviewed in **History News** 43(2): 42]

-In-house Bibliographies-

Atkinson, Steven D. and Michael Knee. **Artificial Intelligence, Microcomputing, and Telecommunications: A Guide to Selected Resources**. Albany, NY: University at Albany University Libraries, 1987 (no longer used).

Knee, Michael. **Computer Science: A Brief Guide to Library Resources**. Albany, NY: University at Albany Science Library, 2009 http://libguides.library.albany.edu/cs_guide.

Knee, Michael. **Mathematics & Statistics: A Brief Guide to Library Resources**. Albany, NY: University at Albany Science Library, 2009 http://libguides.library.albany.edu/math_guide.

Knee, Michael. **Nanoscale Science & Engineering: A Brief Guide to Library Resources**. Albany, NY: University at Albany Science Library, 2009 http://libguides.library.albany.edu/nano_guide.

Knee, Michael. **Physics: A Brief Guide to Library Resources**. Albany, NY: University at Albany Science Library, 2009 http://libguides.library.albany.edu/physics_guide.

Knee, Michael. **Science: A Brief Guide to Reference Resources**. Albany, NY: University at Albany Science Library, 2000 <http://library.albany.edu/subject/guides/sciguide.htm>.

Reynolds, Frances, Michael Knee, and Eleanor Gossen. **Science Reference Sources**. Albany, NY: University at Albany University Libraries, 1986 (no longer used).

-Book, Media, and Software Reviews-

Strategic Information Systems: Concepts, Methodologies, Tools, and Applications (4 volumes), edited by M. Gordon Hunter. **Choice** 47 April 2010: 47-4186.

International Dictionary of Artificial Intelligence, by William J. Raynor, Jr. **Choice** 47 2009: 47-0625.

Virus Encyclopedia. **Choice** 46 April 2009: 46-4194.

Acids and Bases by Lynnette Brent. **Science Books & Films** 52(2) March/April 2009: 76.

Atoms and Molecules by Molly Aloian. **Science Books & Films** 52(2) March/April 2009: 76.

Elements and Compounds by Lynnette Brent. **Science Books & Films** 52(2) March/April 2009: 76.

Encyclopedia of Wireless and Mobile Communications (3 volumes), edited by Borko Furht. **Choice** 46 November 2008: 46-1245.

Handbook of Computer Networks (3 volumes), edited by Hossein Bidgoli. **Choice** 45(11) July 2008: 1926.

Sorting the Elements: The Periodic Table at Work, by Andrew Solway. **Science Books and Films** 44(3) May-June 2008: 122.

Microworlds: Unlocking the Secrets of Atoms and Molecules, by Anna Claybourne. **Science Books and Films** 44(3) May-June 2008: 121.

Encyclopedia of Portal Technologies and Applications, edited by Arthur Tatnall. **Choice** 45(5) January 2008: 796.

Chemistry Projects with a Laboratory You Can Build, by Robert Gardner. **Science Books and Films** 44(1) January-February 2008: 21.

Minoli-Cordovana's Authoritative Computer & Network Security Dictionary, by Daniel Minoli and James Cordovana. **Choice** 44(7) March 2007: 1144.

Encyclopedia of Cryptography and Security, edited by Henk C. A. van Tilborg. **Choice** 43(11/12) July 2006: 1968.

The Cartoon Guide to Chemistry, by Larry Gonick and Craig Criddle. **Science Books and Films** 41(4) July-August 2005: 159.

Science Companion for Library, School, and Home, by Phyllis J. Perry. **Science Books and Films** 39(6) November-December 2003: 256.

Chemicals in Action series [6 books], by Chris Oxlande. **Science Books and Films** 39(2) March-April 2003: 79-80.

All About Solids, Liquids, & Gases, Schlessinger Media. **Science Books and Films Online** 2002 online only at <http://www.sbsonline.com/>.

The Properties of Natural Resources, Benchmark Media. **Science Books and Films** 36(5) September-October 2000: 222-223.

Science Projects About Kitchen Chemistry, by Robert Gardner. **Science Books and Films** 35(6) November-December 1999: 277.

Surprising Science: 180 Fun and Challenging Brainteasers for Kids! by Nancy and E. John De Waard. *Science Books and Films* 32(8) November 1996: 238.

Air & Other Gases, Water & Other Liquids, and Metals, by Robert Mebane and Thomas Rybolt. *Science Books and Films* 32(2) March 1996: 51.

Genius Revisited: High IQ Children Grown Up, by Rena Subotnik et. al. *Science Books and Films* 30(6) August-September 1994: 164.

Book, by Karen Brookfield. *Science Books and Films* 30(2) March 1994: 44.

Siobhan's Journey: A Belfast Girl Visits the United States, by Barbara Beirne. *Science Books and Films* 29(6) August-September 1993: 183.

Susan Butcher and the Iditarod Trail, by Ellen M. Dolan. *Science Books and Films* 29(5) June-July 1993: 150.

What Johnny Shouldn't Read: Textbook Censorship in America, by Joan DeFattore. *Science Books and Films* 29(1) January-February 1993: 7-8.

Shazam! Simple Science Magic, by Lawrence B White, Jr. and Ray Broekel. *Science Books and Films* 28(1) January-February 1992: 22.

Fun & Games: Stories Science Photos Tell, by Vicki Cobb. *Science Books and Films* 27(7) October 1991: 208.

175 More Science Experiments to Amuse and Amaze Your Friends, by Terry Cash. *Science Books and Films* 27(6) August-September 1991: 176.

Random House Book of 1001 Wonders of Science, by Brian and Brenda Williams. *Science Books and Films* 26(2) November-December 1990: 125.

Norton Commander, Version 2.0, Peter Norton Computing, Inc. *Library Software Review* 8(6) November-December 1989: 354-357.

Norton Utilities, Advanced Edition, Peter Norton Computing, Inc. *Library Software Review* 7(5) September-October 1988: 359-361.

Vantex Word, Vantex Data Systems. *Library Software Review* 6(1) January-February 1987: 54-56.

Simple Distillation, University of California Extension Media Center. *Science Books and Films* 22(4) 1987: 254-255.

Fractional Distillation, University of California Extension Media Center. *Science Books and Films* 22(4) 1987: 255.

New Pathways in Science and Technology: Collected Research Briefing, 1982-1984, National Academy of Science, et. al. *Science Books and Films* 21(4) 1986: 211.

McGraw-Hill Dictionary of Science and Engineering, edited by Sybil P. Parker. *Science Books and Films* 20(4) 1985: 196.

Know Your Library, Coronet Films and Video. *Science Books and Films* 19(5) 1984: 301.

School Library Adventures of the Lollipop Dragon, Society for Visual Education, Inc. *Science Books and Films* 18(5) 1983: 295.

Library Skills: The Biblio Files, Walt Disney Education Media Co. *Science Books and Films* 17(2) 1982: 285.

20th Century Update Series, Harcourt Brace Jovanovich. *Science Books and Films*, 17(2) 1981: 116.

Science and Engineering Literature: A Guide to Reference Sources, 3rd ed. by H. Robert Malinowsky. *Science Books and Films* 17(1) 1981: 2.

Playgrounds of Our Minds, by John Barell. *Science Books and Films* 16(4) 1981: 190-191.

-Exhibitions-

The Library's First Computer: The Osborne Executive, Science Library, Fall 2000 (on permanent display; with Ronald Gilmour).

African American Scientists and Engineers, Science Library, February 2007 and February 2008 (with Irina Holden).

History of Science at the University at Albany, 1844-2006, Science Library Atrium, Summer 2006 (with Geoffrey Williams and Sue Kaczor).

Library-Themed Stamps and First Day Covers, Science Library (in process).

-Classes Taught in the Library's Instruction Program-

Electronic Resources for the Sciences (developed 1995; taught each semester 1995-1998).

Electronic Resources in Chemistry & Physics (developed 1998; taught each year).

Electronic Resources in Computer Science & Mathematics (developed 1998; taught each year).

Introduction to *Gopher* (taught each semester 1992-1994).

World Wide Web via *Netscape* (taught each semester, 1995-1998).

Science Citation Index on CD-ROM (developed 1991; taught each semester 1991-2001).

Table of Contents Services (developed and taught 1995).

PROFESSIONAL AFFILIATIONS AND SERVICE:

American Chemical Society, 1971-
Eastern New York Section, 1981-
Chemical Information Division, 1981-
Membership Committee, 1991-2002.
attended annual conference: 1991, 1992, 1994, 1995, 1998

American Society of Indexers, 1981-1994.

Association of College and Research Libraries
Eastern New York Chapter, 1982 -1987.

Central Red River Valley Library Association, 1980-1981.
Program Committee, 1981.

Hudson Mohawk Library Association, 1987-

Research Libraries Group
Physics LTSP (Long Term Serials Project) Working Group, 1990 -1992.

Special Libraries Association, 1977-1979, 1999-
New Jersey Chapter, 1977-1979.
Upstate New York Chapter, 1999-
Auction Committee, 2005.
Physics-Astronomy-Mathematics Division, 1999-
Board member, 2003-2009.
Government Relations Committee, chair, 2003-2009; member, 2009-
attended annual conference: 1977, 1979, 1999, 2000, 2003

State University of New York Librarians Association, 1981-
Ad hoc task force that gathered data for disparity monies, 1984 and 1987.
Union Liaison Committee, 1986-1987, 1990.
attended annual conference: 1984, 1986, 1990, 1995

Promotion/Tenure Reviewer:
Colorado State University, 2008.
University of New Hampshire, 2002.
Queens College (CUNY), 2001 and 2002.
Skidmore College, 1988.

UNIVERSITY SERVICE:

University at Albany, SUNY:

-University-

United University Professions, Academic Representative, January 1982-February 1988, April 1997- ;
Delegate, June 2007- ; Executive Committee, June 2007 - ; Webmaster, September 2007- .
Excellence in Librarianship Award Selection Committee, 1993, 1994, 1995, 2001, 2002, 2003.
Professional Development/Quality of Working Life (PD/QWL) Labor Management Committee, 1998-2000.
Committee on Admissions and Academic Standing, 1991-1992.
Faculty Senator, 1989-1991.
University Community Council, 1989-1991.

-Library-

Search and Discovery Working Group, March 2010- .
H1N1 Prevention Committee, August 2009- .
Personnel Review Committee, June 1985-May 1987; June 1992-May 1994; June 2000-May 2002, Chair,
June 2000- May 2001; June 2007-May 2009 , Co-Chair, June 2008- May 2009.
Steering Committee, June 1983-May 1984; June 1989-May 1991, June 2000-May 2001, June 2008-May 2009.
Science Library Web Site Committee, September 2000- August 2003, January 2006 –October 2009.
Search Committee for Head of Library Systems Department, Chair, December 2006- July 2007.
Search Committee for Half-Time Reference Librarian (Dewey Library), November 2006-January 2007.
Information Commons Development Team, July 2006-July 2007.
Ad Hoc Joint Committee on Library Space, May-September 2006.
Search Committee for Monographic Cataloger/E-Resources Analyst, April-July 2006.
Task Force on E-Books, February-December 2006.

Personnel Policies Committee, June 1997-May 1999, October 2005-May 2006.
 Mentor, November 1993-June 1995, January 1996-June 2000; May 1998-December 2002 ;
 December 1999-August 2006.
 Aggregator Database Evaluation Task Force, July 2001-February 2002
 University Libraries Web Site Coordinating Committee, October 1995-May 2002.
 Journal Use Study Planning & Implementation Committee, September 1999-September 2001.
 Search Committee for the Science Library (5 positions), Chair, December 1998-December 1999.
 Committee for Library Services to Persons with Disabilities, September 1998-August 1999.
 Staff Committee for the Library Campaign, October 1998-December 1999.
 Coordinating Committee on Staff Development & Training, July 1998-January 2002.
 Moving Library Collections Task Force, March 1998-November 1999.
 New Library Building Planning Task Force, May 1994-October 1999.
 Cataloging Electronic Resources Committee, February 1998-February 1999.
 Task Force on Access to Electronic Journals, November 1995-June 1996.
 Search Committee for Social Science Bibliographer, Chair, September-December 1995.
 Professional Activities Committee, June 1982-May 1984, Chair, June 1983-May 1984; June 1995-May 1997.
 Search Committee for a Collection Development Technical Assistant, December 1993-June 1994.
 Geac Advance Workflow Task Force, March 1993-December 1993.
 Delivering Electronic Access to Reference/Journal Databases Working Group, October 1992-March 1994.
 Search Committee for Science Bibliographer, Chair, November 1991-April 1992.
 Computer Search Service Task Force, September 1991-January 1992.
 Search Committee for Preservation Assistant, October 1990-February 1991.
 Intelligent Scanner Task Force, August 1990-September 1991.
 Interactive Media Center Selection Committee, May 1990-May 1992; Chair, June 1991-May 1992.
 Interactive Media Center Advisory Committee, October 1989-May 1992.
 Search Committee for Coordinator, Interactive Media Center, October-December 1989.
 Nominations and Elections Committee, June 1987-May 1989.
 Search Committee for Head, Non-Print/Reserve Services, April-July 1987.
University Libraries Newsletter, editorial contributor, Spring 1985 issue.
 Search Committee for Science Bibliographer, Chair, August-November 1984.
 Search Committee for Reference Librarian/Computer Search Analyst, September-December 1983.
 Search Committee for Social Sciences Bibliographer, September 1983-October 1984.
 Ad Hoc Committee to Study Microform Conversion, January 1983-July 1983.

LEAVES AND RESEARCH GRANTS RECEIVED:

Sabbatical Leave, July 2004 – January 2005.

The main focus was research for and compilation of a computer science guide to the literature, and an invited article on computer science Internet reference sources.

NYS/UUP Individual Development Award, April 16-25, 2001.

This study leave was used to research Internet resources for computer science and prepare an invited article for **College & Research Libraries News**.

Sabbatical Leave, September 1996 - March 1997.

The major project of this sabbatical was to complete the index to the **Times Union** for the year 1989 and index a major portion of the newspaper for 1990.

NYS/UUP PDQWL Study Leave, May 16-June 24, 1994.

The aim of this study leave was to complete the indexing to the **Times Union** for the year 1988 and begin indexing 1989.

NYS/UUP PDQWL Study Leave, August 14-September 1, September 18-25, October 23-27, 1989.

The study leave was used to collect, review, annotate, and organize citations for **Hypertext/Hypermedia: An Annotated Bibliography**. The research support portion funded the online searching phase of the project.

Sabbatical Leave, March 15 - September 30, 1988.

The major sabbatical project was compilation and organization of **Wolves: A Bibliography and Guide to the Literature, 1968-1987**.

NYS/UUP PDQWL Study Leave, March 1-14, 1988.

The study leave was used to complete the index entry update, editorial, and final preparation of three issues of the **Index to the Albany Times Union** (January 1982-June 1983).

University at Albany, SUNY Faculty Research Award, 1988.

This grant supported the project to compile *Wolves: A Bibliography and Guide to the Literature, 1968-1987*. Funds were used to support the online information retrieval phase of the project.

State University of New York at Albany Small Grant Award, 1984.

This grant was used to support a project to convert a card file of the *Index to the Albany Times Union* into machine readable format to generate printed copies for distribution to subscribers.

Grant from the Capital Newspapers Group, 1983.

Funds from this grant were used to support the automation of the *Index to the Albany Times Union*.

University of North Dakota Faculty Research Grant, 1980.

This grant supported a pilot study to determine the costs and time requirements to compile, edit, produce, and distribute a six-month cumulation of a local newspaper index.

AWARDS AND HONORS:

Honorable Mention Award, Best Website: <http://www.albany.edu/uup/>, May 2010.

Science Sources on the Web resources pages (This site no longer exists. It was the foundation for the University Libraries "Subject Pages & Guides" Web pages.)
Awarded the Argus Clearinghouse Seal of Approval and BioMed Link Exceptional Rating.

Computer Science resources page <http://library.albany.edu/subject/csci.htm>
Awarded the Argus Clearinghouse Seal of Approval, the itmWEB 5-Star Selection, the ISI Current Web Contents Award, an Academic Info Select Site, and reviewed in **Choice** (December 2001).

Chancellor's Award for Excellence in Librarianship, 1992.

President's Award for Excellence in Librarianship, 1992.

Honorable Mention - Meckler Publishing Productivity Software Contest, Database Management Software Category (with Steven Atkinson and Steven Watkins).