

Abebe Rorissa

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Academic Appointments

Associate Professor Department of Information Studies, University at Albany, State University of New York, Albany, New York	Sept. 2011 – Present
Assistant Professor Department of Information Studies, University at Albany, State University of New York, Albany, New York	Sept. 2005 – Aug. 2011
Assistant Instructor School of Library and Information Sciences, University of North Texas, Denton, Texas	Jun. 2003 – Aug. 2005
Teaching/Research Assistant School of Library and Information Sciences & Texas Center for Digital Knowledge, University of North Texas, Denton, Texas	Oct. 2001 – May 2003
Lecturer Department of Communication and Information Studies, University of Namibia, Windhoek, Namibia	Feb. 2001 – Aug. 2001
Lecturer (Part-time) Addis Ababa University, Addis Ababa, Ethiopia	Nov. 1991 – Jul. 1995

Related Professional Appointments

Systems Librarian & Head, Systems Division University of Namibia, Windhoek, Namibia	Aug. 1998 – Feb. 2001
Automation Librarian National University of Lesotho, Roma, Lesotho	Mar. 1996 – Aug. 1998
Supervisor & Head, Computer Section Addis Ababa University Libraries, Addis Ababa, Ethiopia	Jan. 1990 – Mar. 1996
Graduate Assistant Addis Ababa University Libraries	Sep. 1988 – Dec. 1989

Education

Ph.D.	University of North Texas. Denton, Texas. Information Science.	2005
CAS	University of North Texas. Denton, Texas. Certificate of Advanced Studies - CAS (Post Masters), Digital Image Management.	2002
M.S.I.S.	Addis Ababa University. Ethiopia. Information Science.	1993
B.S.	Addis Ababa University. Ethiopia. Mathematics (Minor: Physics).	1988

Research & Publications

Refereed Journal Articles – Published/In Press

1. **Rorissa, A., & Yuan, X.** (2012). Visualizing and mapping the intellectual structure of information retrieval. *Information Processing & Management*, 48(1), 120-135. <http://dx.doi.org/10.1016/j.ipm.2011.03.004>

2. **Rorissa, A.**, Demissie, D., & Pardo, T. (2011). Benchmarking e-government: A comparison of frameworks for computing e-government index and ranking. *Government Information Quarterly*, 28(3), 354-362. <http://dx.doi.org/10.1016/j.giq.2010.09.006>
3. Chen, Y., Germain, C. A., & **Rorissa, A.** (2011). Defining usability: How library practice differs from published research. *portal: Libraries and the Academy*, 11(2), 599-628. http://muse.jhu.edu/journals/portal_libraries_and_the_academy/v011/11.2.chen.pdf
4. **Rorissa, A.** (2010). A comparative study of flickr tags and index terms in a general image collection. *Journal of the American Society for Information Science and Technology*, 61(11), 2230-2242. <http://dx.doi.org/10.1002/asi.21401>
5. **Rorissa, A.**, & Demissie, D. (2010). An analysis of African e-government service websites. *Government Information Quarterly*, 27(2), 161-169.
6. **Rorissa, A.** (2008). User generated descriptions of individual images versus labels of groups of images: A comparison using basic level theory. *Information Processing & Management*, 44(5), 1741 -1753.
7. **Rorissa, A.**, & Iyer, H. (2008). Theories of cognition and image categorization: What category labels reveal about basic level theory. *Journal of the American Society for Information Science and Technology*, 59(9), 1383 -1392.
8. **Rorissa, A.**, Clough, P., & Deselaers, T. (2008). Exploring the relationship between feature and perceptual visual spaces. *Journal of the American Society for Information Science and Technology*, 59(5), 770–784.
9. **Rorissa, A.** (2007). Relationships between perceived features and similarity of images: A test of Tversky's Contrast Model. *Journal of the American Society for Information Science and Technology*, 58(10), 1401-1418.
10. **Rorissa, A.**, Bamuhiiga, B., Chisenga, J., Nxumalo, C., Sekimang'a, D., & Neelameghan, A. (1992). ABNCD+: A prototype for an integrated information storage and retrieval system. *Microcomputers for Information Management*, 9(3), 137-159.

Refereed Conference Papers

1. Iyer, H., & **Rorissa, A.** (2010). Representative images for browsing large image collections: A cognitive perspective. Paradigms and conceptual systems in knowledge organization: Proceedings of the 11th international ISKO conference (ISKO 2010) (pp. 412-416). Rome, Italy. February 23 – 26, 2010.
2. **Rorissa, A.**, Gharawi, M., & Demissie, D. (2010). A tale of two continents: Contents of African and Asian e-government websites. *Proceedings of the 43rd Annual Hawaii International Conference on System Sciences (HICSS 2010)*. Koloa, Kauai, Hawaii. January 5-8, 2010.
3. Chen, Y., Germain, C. A., & **Rorissa, A.** (2009). An analysis of formally published usability and Web usability definitions. *Proceedings of the 72nd Annual Meeting of the American Society for Information Science and Technology*. Vancouver, BC, Canada. November 6-11, 2009.
4. **Rorissa, A.**, & Demissie, D. (2009). The state of the art of e-government services in Africa: An analysis of relevant websites. *Proceedings of the 42nd Annual Hawaii International Conference on System Sciences (HICSS 2009)*. Waikoloa, Hawaii. January 5-8, 2009.
5. **Rorissa, A.**, Demissie, D., & Pardo, T. A. (2008). Toward a common framework for computing e-government index. In T. Janowski and T. A. Pardo (Eds), *Proceedings of the 2nd international Conference on theory and Practice of Electronic Governance* (Cairo, Egypt, December 1 - 4, 2008) (pp. 411-416). New York, NY: ACM.
6. **Rorissa, A.**, & Hastings, S.K. (2004). Free sorting of images: Attributes used for categorization. *Proceedings of the 67th Annual Meeting of the American Society for Information Science and Technology* 41, 360-366.
7. Schamber, L., & **Rorissa, A.** (2002). Human Information Behavior Research Clearinghouse: Interaction framework for a new digital library [Poster abstract]. *Proceedings of the Fourth International Conference on Conceptions of Library and Information Science*, 319-322.
8. **Rorissa, A.**, & Chisenga, J. (2000). The World Wide Web as a networking and communication tool: A prototype of the SCECSAL web site. *Proceedings of the 14th Standing Conference of Eastern, Central and Southern African Librarians*, 151-157.
9. **Rorissa, A.** (1996). The impact of the introduction of electronic communication in Ethiopia: A survey. *Proceedings of the Ethiopian Scientific Society Conference on Ethiopian Telecommunications in the Information Age*, 4-13.

Book Chapters and Other Monographs

1. **Rorissa, A.**, Demissie, D., Gharawi, M. (2011). A descriptive analysis of contents of Asian e-government websites. In: Ed Downey, Carl D. Ekstrom, & Matthew A. Jones (Eds.), *E-Government Website Development: Future Trends and Strategic Models* (pp. 102-116). Hershey, PA: IGI Global. <http://www.igi-global.com/Bookstore/TitleDetails.aspx?TitleId=40295&DetailsType=TopicsCovered>
2. **Rorissa, A.**, Potnis, D., & Demissie, D. (2010). A Comparative study of contents of e-government service websites of Middle East and North African (MENA) countries. In: Christopher G. Reddick (Ed.), *Comparative E-Government: An Examination of E-Government Across Countries* (pp. 49-69). New York: Springer. <http://www.springer.com/computer/information+systems+and+applications/book/978-1-4419-6535-6>

3. Grove, A. & Rorissa, A. (2008). People Transforming Information - Information Transforming People. *Proceedings of the 71st Annual Meeting of the American Society for Information Science & Technology (ASIS&T)*. Columbus, Ohio, October 24-29. [Edited work]
4. Grove, A. & Rorissa, A. (2007). Joining research and practice: Social computing and information science. *Proceedings of the 70th Annual Meeting of the American Society for Information Science & Technology (ASIS&T)*. Milwaukee, Wisconsin, October 19 -24. [Edited work]
5. Rorissa, A. (2005). [Perceived features and similarity of images: An investigation into their relationships and a test of Tversky's contrast model](#) (Doctoral dissertation, University of North Texas). *Dissertation Abstracts International*, 66 (06). (UMI No. 3181072).
6. Rorissa, A., Mammo, W., & Mengsteab, A. (1996). CD-ROM databases in the physical sciences: An assessment conducted at Addis Ababa University. In: L. A. Levey, M. E. Ngwira, & H. Patrikios (Eds.), *CD-ROM for African research needs: Guidelines for selecting databases*. (pp.51-55). Washington, DC: American Association for the Advancement of Science (AAAS).

Unrefereed Publications

1. Rorissa, A. (2007). Benchmarking visual information indexing and retrieval systems. *Bulletin of the American Society for Information Science and Technology*, 33(3), 15-17.

Conference, Seminar, & Workshop Presentations, Panels, and Posters

Refereed Paper Presentations

1. "Representative images for browsing large image collections: A cognitive perspective". *The 2010 International Society for Knowledge Organization (ISKO) Conference (ISKO 2010)*. Rome, Italy. February 23 – 26, 2010 (with Hemalata Iyer).
2. "A tale of two continents: Contents of African and Asian e-government websites". *The 43rd Annual Hawaii International Conference on System Sciences (HICSS 2010)*. Koloa, Kauai, Hawaii. January 5-8, 2010 (with Mohammed Gharawi & Dawit Demissie).
3. "An analysis of formally published usability and Web usability definitions". *The 72nd Annual Meeting of the American Society for Information Science and Technology*. Vancouver, BC, Canada. November 6-11, 2009 (with Yu-Hui Chen & Carol Anne Germain).
4. "The state of the art of e-government services in Africa: An analysis of relevant websites". *The 42nd Annual Hawaii International Conference on System Sciences (HICSS 2009)*. Waikoloa, Hawaii. January 5-8, 2009 (with Dawit Demissie).
5. "Toward a common framework for computing e-government index". *The 2nd International Conference on Theory and Practice of Electronic Governance (ICEGOV2008)*. Cairo, Egypt. December 1 - 4, 2008 (with Dawit Demissie & Theresa Pardo).
6. "Free sorting of images: Attributes used for categorization". *The 67th Annual Meeting of the American Society for Information Science and Technology*. Providence, Rhode Island. November 12-17, 2004 (with Sam K. Hastings).
7. "Libraries and ICTs: A review of global trends and the state-of-the-art in Africa". *Second Meeting of the Committee on Development Information (CODI-II)*. United Nations Economic Commission for Africa (UNECA), Addis Ababa, Ethiopia. September 4 – 7, 2001 (with J. Chisenga).
8. "The World Wide Web as a networking and communication tool: A prototype of the SCECSAL web site". *The 14th Standing Conference of Eastern, Central and Southern African Librarians*. Windhoek, Namibia. April 10 - 15, 2000 (with Justin Chisenga).
9. "Use, benefits and constraints of electronic communications in Africa: Lessons learned in trying to assess them". *American Society for Information Science 1999 Mid-Year Meeting*. Pasadena, California. May 24 - 26, 1999. Available at: <http://www.asis.org/Conferences/MY99/contributedpapers.html#africa> (with M. J. Menou, J. F. K. Asaba, B. B. Bazirake, V. Chifwepa, & N. Hafkin).
10. "Use, benefits and constraints of electronic communications in Africa: A survey". *Conference on Science and Technology for African Development: Partnerships in a Global Economy*. Harare, Zimbabwe. March 15 - 18, 1998.
11. "The Impact of the Introduction of Electronic Communication in Ethiopia: A Survey". *Ethiopian Scientific Society Conference on Ethiopian Telecommunications in the Information Age*. Washington, DC. July 2, 1996.

Refereed Panel & Workshop Presentations

1. "Open Access and Scholarly Communication: The Current Landscape, Future Direction, and the Influence on Global Scholarship". *The 74th Annual Meeting of the American Society for Information Science and Technology*. New Orleans, Louisiana. October 9 - 11, 2011. **(Panel)**
2. "Current research and thinking in image analysis, descriptions, and systems". *The 73rd Annual Meeting of the American Society for Information Science and Technology*. Pittsburgh, Pennsylvania. October 22 -27, 2010. **(Workshop)**

3. "Models, theories, and methods in image research: A discussion and a look to the future". *The 71st Annual Meeting of the American Society for Information Science and Technology*. Columbus, Ohio. October 24 -29, 2008. **(Panel)**
4. "Social computing, folksonomies, and image tagging: Reports from the research front". *The 70th Annual Meeting of the American Society for Information Science and Technology*. Milwaukee, Wisconsin. October 18-24, 2007. **(Panel)**
5. "ImageCLEF and ImageCLEFmed: Toward standard test collections for image storage and retrieval research". *The 69th Annual Meeting of the American Society for Information Science and Technology*. Austin, Texas. November 3 - 8, 2006. **(Panel, Moderator)**
6. "Putting motion into the image retrieval interface". *The 68th Annual Meeting of the American Society for Information Science and Technology*. Charlotte, North Carolina. October 28-November 2, 2005. **(Panel)**
7. "Is there a place for open source software in visual resource management?" *The 21st Annual Conference of the Visual Resources Association*. Houston, Texas. April 7-13, 2003. **(Panel)**

Refereed Poster Presentations

1. "An analysis of tags assigned to still and moving images on flickr". *Association for Library and Information Science Education Annual Meeting 2010*. Boston, Massachusetts. January 12-15, 2010 (with Diane Neal, Alexander Chaucer, and Jonathan Muckell).
2. "A Holistic Approach to Defining Web Usability". *The 2009 ALA Annual Conference*. Chicago, Illinois. July 9-15, 2009 (with Yu-Hui Chen & Carol Anne Germain).
3. "A comparison of frameworks for computing e-government index". *iConference 2009*. University of North Carolina at Chapel Hill, Chapel Hill, NC. February 8 - 11, 2009 (with Dawit Demissie & Theresa Pardo).
4. "A model of information needs of end-users (MINE) in the electronic information environment". *The 71st Annual Meeting of the American Society for Information Science and Technology*. Columbus, Ohio. October 24 -29, 2008 (with Gashaw Kebede).
5. "A model of information needs of end-users (MINE) in the electronic information environment: Model specification and construction of an instrument". *Association for Library and Information Science Education Annual Meeting 2008*. Philadelphia, Pennsylvania. January 8-11, 2008 (with Gashaw Kebede).
6. "Image similarity judgments: A test of Tversky's Contrast Model". *Association for Library and Information Science Education Annual Meeting 2005*. Boston, Massachusetts. January 11-14, 2005.
7. "Human information behavior research clearinghouse (HIBRC): System architecture for a new digital library". *The 65th Annual Meeting of the American Society for Information Science and Technology*. Philadelphia, Pennsylvania. November 18-21, 2002 (with Linda Schamber).

Invited Presentations

1. *Workshop on the design of a curriculum for an MSC in Librarianship*. Addis Ababa University, Ethiopia. July 13-14, 2011.
2. Panel on Future Professorial Program (FPP) Opportunity. *School of Information Studies, Syracuse University*. Syracuse, New York. April 15, 2008.
3. *Workshop on Research for Librarians*. Thaba Bosiu, Lesotho. February 26, 1997.
4. "CD-ROM databases in the physical sciences: Report of an evaluation conducted at Addis Ababa University". *Collection Development in the Electronic Era Workshop*. Nazareth, Ethiopia. October 20-24, 1995.
5. "Databases: The Addis Ababa University Libraries experience". *Workshop on Databases: Contributions and Needs of Researchers*. Addis Ababa, Ethiopia. October 1994.

Grants

- Principal Investigator. "Use and impact of the internet across the digital divide: A two country longitudinal study within the framework of the Unified Theory of Acceptance and Use of Technology (UTAUT)". **Proposal submitted to University at Albany (FRAP A), funds not received**, 07/1/2010 - 08/31/2011, \$9,950.
- Principal Investigator. "Use and impact of the internet across the digital divide: A two country longitudinal study within the framework of the Unified Theory of Acceptance and Use of Technology (UTAUT)". **Proposal submitted to IMLS, funds not received**, 07/2007 - 06/2009, \$393,012.
- Principal Investigator. "A comparative study of Flickr tags and index terms in general image collections". 04/15/2007-04/14/2008. University at Albany: FRAP B \$1,771; CCI \$2,220.
- Co-Principal Investigator. "Human Similarity Judgments versus Entropy-based Similarity Measures of Images: An Exploratory Study". IS Doc Faculty/Student Grants, School of Library and Information Sciences, University of North Texas, 02/2003 - 02/2004, \$3,000.

Service - Professional

Editorial Roles

- **Assistant Editor**, Proceedings of the 71st Annual Meeting of the American Society for Information Science & Technology (ASIS&T). Columbus, Ohio, October 24-29, 2008.
- **Assistant Editor**, Proceedings of the 70th Annual Meeting of the American Society for Information Science & Technology (ASIS&T). Milwaukee, Wisconsin, October 19 -24, 2007.
- **Guest Editor**, Bulletin of the American Society for Information Science & Technology (ASIS&T) (February/March 2007 issue).
- **Member, Advisory Board**, Bulletin of the American Society for Information Science & Technology (ASIS&T) (2006 – Present)

Conference Committees & Other Professional Service

- Member, Program Committee, The 2nd & 3rd International Conferences on Theory and Practice of Electronic Governance (ICEGOV2008 & ICEGOV2009) (2008-2009).
- Member, Committee on Development Information, Science, and Technology (CODIST), United Nations Economic Commission for Africa (UNECA), (2001 – Present).
- InfoShare Officer, SIG/III, American Society for Information Science & Technology (ASIS&T) (2008 – Present). **SIG/III won SIG of the Year Award in 2008 & 2009.**
- Communications Officer, SIG/III, American Society for Information Science & Technology (ASIS&T) (2004 – 2005)
- Member, ALISE/Dialog Methodology Paper Competition Committee, Association for Library and Information Science Education (ALISE), (2009 – Present).

Manuscript Reviewer - Journals

- Journal of the American Society for Information Science & Technology (JASIS&T) (2007 – Present)
- Government Information Quarterly (2010 – Present)
- Journal of Information Science (2009 – Present)
- Journal of Education for Library and Information Science (JELIS) (2007 – Present)
- Pattern Recognition Letters (2008 – Present)
- International Journal of Information Technology & Decision Making (2009 – Present)
- Information Research (2008 – Present)

Manuscript Reviewer - Conferences

- Annual meeting of the American Society for Information Science & Technology (2009 – Present)
- The Annual Hawaii International Conference on System Sciences (HICSS) (2008 – Present)
- The International Conference on Theory and Practice of Electronic Governance (ICEGOV) (2008 – Present)

Service - Department/University

University at Albany

- Member, Council on Libraries, Information Systems and Computing (LISC), University at Albany (September 2011 – Present)
- Member, The Library Committee, Council on Libraries, Information Systems and Computing (LISC), University at Albany (September 2011 – Present)
- Member, Student Learning Outcomes Assessment Report (SLOAR) Committee, Department of Information Studies (September 2011 – Present)
- Member, Curriculum Committee, Department of Information Studies (September 2011 – Present)
- Chair, Student Affairs Committee, Department of Information Studies (October 2010 – August 2011)
- Member, General Education Assessment Committee (GEAC), University at Albany (September 2009 – May 2010)
- Mentor, STEM Graduate Mentorship Program, University at Albany (September 2008 – Present)
- Poster Judge, Sixth Annual Informatics Spring Research Conference (NTIR 2011), College of Computing and Information (April 2011)
- Poster Judge, Fifth Annual Informatics Spring Research Conference (NTIR 2010), College of Computing and Information (April 2010)

- Member, INF PhD Self-Designed Specialization Committee, College of Computing and Information (April 2008 – Present)
- Faculty Advisor, University at Albany ASIS&T Student Chapter (November 2007 – Present)
- Member, Admissions Committee, Department of Information Studies (October 2005 – May 2006; September 2009 – October 2010)
- Member, Student Affairs Committee, Department of Information Studies (October 2005 – September 2010)

University of Namibia

- Member, Information systems Committee, University of Namibia (August 1998 – August 2001)

National University of Lesotho

- Member, Computer Steering Committee, National University of Lesotho (March 1996- August 1998)
- Member, Editorial Board, "**Library News**" - a quarterly newsletter published by the University Library (January 1997 - August 1998)

Addis Ababa University

- Member, Electronic Networking Committee, Addis Ababa University (April 1995 - March 1996)
- Secretary, Human Resources Committee, Addis Ababa University Libraries (April 1995 - March 1996)
- Editor-in-chief, "**CD-ROM @ AAU LIBRARIES**" - a quarterly newsletter of the Addis Ababa University Libraries (January 1994 – March 1996)
- Chairman, Automation Sub-Committee, Addis Ababa University Libraries (March 1994 – March 1996)
- Secretary, Library-End User Interface Committee to carry out a three-year AAAS CD-ROM Pilot Project, Addis Ababa University (September 1994 - March 1996)

Teaching

University at Albany – Courses Taught

- IIST 523 – Fundamentals of Information Technology
- IIST 601 – The Information Environment
- IIST 608 – Research Methods
- IIST 659 – Digital Imaging & the Web
- IIST 666 – Current Problems in Information Studies
- IINF 899 – Doctoral Dissertation (Independent Study)

University of Namibia – Courses Taught

- ISC 3111 - Introduction to Information Communication Technology
- ISC 3232 - Electronic Information Sources and the Internet
- CSS 0103- Communication and Study Skills (Library Component)
- ISL 3321 - Information Storage and Retrieval Software - CDS/ISIS
- ISL 3333 - Indexing and Database Management Systems
- DIS 1131 - Information and Communication Technology
- DIS 1141 - Information Storage and Retrieval 1
- DIS 2242 - Electronic Information Sources and the Internet
- DIS 2203 - Information Storage and Retrieval Software - CDS/ISIS

Addis Ababa University – Courses Taught

- QuMt 101 - Elementary Quantitative Methods for Social Scientists
- QuMt 102 - Elementary Quantitative Methods for Social Scientists
- LISc 438 - Information Sources and Services in Science & Technology
- LISc 450 - Senior Essay (advising senior students writing their theses/essays)

PhD Students

- Dawit Demissie. University at Albany. Dissertation Committee Chair. (2009 – Present)
- Yu-Hui Chen. University at Albany. Dissertation committee member. (2010 – Present)
- Mohammad Alajmi. University of North Texas. Dissertation committee member. (2010 – 2011)
- Mohammed Gharawi. University at Albany. Program Guidance Committee member. (2010 – Present)

- Alex Trofimovsky. University at Albany. Program Guidance Committee member. (2011 – Present)
- Alex Chaucer. University at Albany. Program Guidance Committee member. (2009 – Present)
- Carol Anne Germain. University at Albany. Dissertation committee member. (2008 – Present)
- Tao Xu. University at Albany. Program Guidance Committee member. (2008 – Present)
- Yu-Hui Chen. University at Albany. Program Guidance Committee member. (2008 – 2010)
- Dawit Demissie. University at Albany. Program Guidance Committee member. (2006 – 2009)
- Abdullah Al-Mobarraz. University of North Texas. Dissertation committee member. (2006 – 2007)
- Faizur Rahman. University of North Texas. Dissertation committee member. (2005 – 2007)

Professional Affiliations

- American Society for Information Science & Technology (ASIS&T) (2001 – present)
- Association for Library & Information Science Education (ALISE) (2004 – present)
- American Library Association (2002 – present)
- Namibian Information Workers Association (1998-2001)
- Lesotho Library Association (1996 – 1998)
- Ethiopian Library and Information Association (1989-1996)

Honors, Fellowships, and Awards

- **Scholarship.** Doctoral Scholarship, School of Graduate Studies, University of North Texas. 2003/2004
- **Scholarship.** University of North Texas Scholarship Office Scholarship. 2003/2004
- **Scholarship.** Texas Excellence Scholarship, School of Graduate Studies, University of North Texas. 2002/2003
- **Fellowship.** Institute of Museum and Library Services (IMLS) Fellowship, School of Library and Information Sciences, University of North Texas. 2001/2002
- Listed in *Marquis Who's Who in America* (since 2007)

Consultancies

Jul. 2001	Ministry of Higher Education, Science, & Technology-Mozambique	Assessed the requirements of an integrated library management system for a central academic library that will serve all higher education institutions in Maputo, evaluated various proposals, made recommendations, and prepared a Request For Proposal
Aug.–Oct. 2000	The World Conservation Union-Regional Office for Southern Africa(IUCN-ROSA)	Designed a web-based training system with modules on: the Internet and the web, the environment, searching the web, HTML and web page design, E-mail, discussion lists & Listserv, web servers, FTP and Telnet.
Oct.-Nov. 1999	United Nations Economic Commission for Africa	Evaluated bid documents and selected an integrated library management system
Feb. 1995 – Mar. 1998	United Nations Economic Commission for Africa	Conducted a country-wide survey and wrote reports on the "Impact of Electronic Networking on African Development"
Sep.-Nov. 1995	United Nations Fund for Population Activities Country Office – Ethiopia	Designed and implemented a bibliographic database for a collection of documents
Apr.-May 1992	Ministry of Planning and Economic Development - Ethiopia	Designed and implemented a bibliographic database for a collection of documents

10/14/11