Edgardo B. Quiros
113E Sct. Delgado St., Sacred Heart
Quezon City,
Philippines 1101
(063) 928-3901;
(063927) 821-7432
ebquiros@nlp.gov.ph;
ebquiros@gmail.com

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AREA OF SPECIALIZATION

- Information organization, storage and retrieval (indexing, abstracting, classification, cataloging)
- Design and development of information retrieval tools such as authority lists, thesauri, taxonomies, ontologies
- Document image processing
- Archiving and records management
- Systems analysis and design of information systems
- Software development including technical documentation
- Project proposal writing
- Project management

WORK / CAREER EXPERIENCE

Job/Role	**Chief, Information Technology Division**
Institution	National Library of the Philippines
	Kalaw St, Ermita,
	Manila, Philippines
Duration	December 2007 to Present
Work description	

- Manage the Information Technology Division
- Plan, manage and develop ICT resources of the National Library of the Philippines including affiliate libraries nationwide
- Act as Head of the Technical Working Group for Procurement
- Supervise the management of the Philippine eLibrary and National Library of the Philippines Network Operations Center

Job/Role	**Lecturer**
Institution	Master's in Library and Information Science Program, Graduate School,
	Polytechnic University of the Philippines
	Sta. Mesa, Manila, Philippines
Duration	November 2007 to Present
Work description	

- Teach graduate courses: Library Automation; Information Diffusion

Job/Role	**Senior Lecturer**
Institution	School of Library and Information Science
	University of the Philippines Diliman
	Quezon City, Philippines
Duration	June 2006 to Present
Work description	

- Teach library and information science courses;
- Serve as panel for undergraduate and graduate theses;
- Participate in academic concerns of the institute such as research;
- Curricular revisions, and policy formulations;
- Involve in Philippine Multilingual Thesaurus Project;
- Involve in Electronic Thesis development

Job/Role	**Consultant**
Project name and description	Development of Polyhierarchical Thesaurus
	• Develop a polyhierarchical thesaurus for the products and services of entities under the top 200 categories of the largest yellow pages company in the Philippines
Institution	Electronic Yellow Pages
	Makati City, Philippines
Duration	Ongoing
Work description	• Design a hierarchy of categories of products and services subject headings
	• Re-organized the subject headings into the hierarchies

Job/Role	**Consultant**
Institution	ACT Malaria Resource Center
	Manila, Philippines
Duration	Ongoing
Work description	• Design and development of Digitization Training Module

Job/Role	**Consultant**
Institution	National Library of the Philippines
	Kalaw St, Ermita,
	Manila, Philippines
Duration	September 2006 to December
Work description	• Plan, supervise/upload and document NLP's bibliographic and digitized materials to eLib portal;
	• Plan, supervise, and document the digitization of library materials including quality assurance;
	• Update the content of the NLP's web page; and
	• Advise the Office, and the Director in particular, on the status of the uploading activity and other ICT-related activities and recommend ways to improve the same.

Job/Role	**Consultant**
Project name and description	Database Recovery and Restoration
Institution	WHO Western Pacific Regional Office Library
	Manila, Philippines
Duration	Ongoing
Work description	• Gather system requirements/specifications, recover data, ASCII conversion, ISO 2709 generation, import to WinISIS and testing.
	• Record verification with cataloging and indexing as needed.

Job/Role	**Resource Person**
Institution	WHO Western Pacific Regional Office Library
	Manila, Philippines
Duration	17-19 January 2007
Work description	• Lecture and Workshop for Index Medicus Indexing
	• Lecture on National Library of Medicine (US) Databases

Job/Role	**Lecturer for MS Health Informatics**
Institution	College of Medicine
	University of the Philippines Manila
	Manila, Philippines
Duration	Second Semester 2005
Work description	• Teach a course on Terminology, Classification and Coding

Job/Role	**Software Developer**
Project name and description	Digital Newspaper Clipping System
	• CD-ROM database of newspaper clippings;
	• Development of work process and manual of procedures
Institution	Institute of Library and Information Science Library
	University of the Philippines Diliman
	Quezon City, Philippines
Date Completed	On-going. Prototype completed
Work description	• Systems Analysis and Design;
	• Implementation;
	• Production Workflow Design;
	• Indexing System Design.

Job/Role	**Consultant**
Project name and description	Library System Migration
	• Migration of the library system to free and open source library system
Institution	Carlos P. Romulo Library,
	Department of Foreign Affairs
	Pasay City, Philippines
Duration	On-going
Work description	• Study the current library system and library functions and resources;
	• Select a free and open-source library system;
	• Deploy and customize the new Library System;
	• Migrate the current library system;
	• Develop new work process and write a work manual;
	• Train library personnel.

Job/Role	**Consultant**
Project name and description	Digital Newspaper Clipping System
	• CD-ROM database of newspaper clippings
Institution	Peace Advocates for Truth, Justice and Healing Quezon City, Philippines
Date Completed	May 2006
Work description	• Digitization, Cataloging, and Indexing of materials;
	• System Design and Implementation of the database

Job/Role	**Project Management Consultant and Systems Analyst/Designer**
Project name and description	BuddyWorks Project
	• Telemedicine project connecting the Philippine General Hospital to ten (10) hospitals and medical schools in the provinces of Cagayan, Leyte, Iloilo and Lanao del Norte in the Philippines;
	• Includes modules on patient records, referral and mentoring;
	• Includes hardware acquisition and installation, software development, training, Internet connection, social marketing and monitoring and evaluation.
Institution	National Telehealth Center
	University of the Philippines Manila
	Manila, Philippines
Duration	Jan 2005 to May 2006
Work description	• Prepare, implement and monitor project plans;
	• Prepare quality assurance reports;
	• Facilitate project activities, management of client and outsourcees expectations and demands;
	• Prepare project documentation;
	• Prepare and present technical inputs/reports;
	• Conduct systems analysis and design;

	• Conduct users training.
Significant Accomplishments	• Introduced document audit system.
Job/Role	**Project Management Consultant and Systems Analyst/Designer**
Project name and description	Online Transaction System for Frontline Services Project
	• Covers the sixteen (16) regional offices and the central office of the department;
	• Includes online application submission, processing and document preparations of ten (10) transactions on licenses, permits and certificates;
	• Includes knowledge and disaster management system;
	• Includes records management, and human resources information system;
	• Includes hardware acquisition and installation, software development, training, Internet connection, and social marketing.
Institution	Department of Social Welfare and Development
	Quezon City, Philippines
Duration	May 2005 to May 2006
Work description	• Prepare, implement and monitor project plans;
	• Prepare quality assurance reports;
	• Facilitate project activities, management of client and outsourcees expectations and demands;
	• Prepare project documentation;
	• Prepare and present technical inputs/reports;
	• Conduct systems analysis and design
Significant Accomplishments	• Introduced document audit system.
Job/Role	**System Analyst, System Designer and Technical Documentation Specialist**
Project name and description	Philippine Elibrary Project
	• Covers resources from Department of Agriculture (including agencies and regions), Department of Science and Technology (including agencies and regions), Commission on Higher Education (including state university and colleges), National Library of the Philippines (including public libraries), and University of the Philippines (including all campuses);
	• Contents include 25 million pages of Filipiniana materials including thesis and dissertations, foreign electronic journals and books and a union catalog of more than a million records;
	• Includes hardware acquisition and installation, software development, training, Internet connection, and marketing.
Institution	National Library of the Philippines
Duration	May 2004 to April 2005
Work description	• Conduct systems analysis and design;
	• Prepare technical document templates and reports;
	• Evaluate outputs of digitization of library materials;
	• Evaluate software and hardware solutions for implementation;
	• Design information storage and retrieval tools for the system
Significant Accomplishments	• Identify a technical solution to reduce the file size of online digitized library materials;
	• Design a thesaurus-based retrieval of the web site's help questions and answers;
	• Design an automated selective dissemination of information system using a mapping of Dewey and Library of Congress Classification Schedules
Job/Role	**Faculty (Assistant Professor 1)**
Institution	Institute of Library and Information Science
	University of the Philippines Diliman, Quezon City
Duration	November 2001 to October 2004
Work description	• Teach undergraduate and graduate courses in Computer-Based Information Systems, Digital Resources Management in Health, Database Structure and Design, Indexing and

Abstracting, Information Handling and Processing, Information Retrieval Systems, Research in Library and Information Science;

- Provide training and conduct research on Indexing, Abstracting, Specialized Classification Scheme Construction, Thesaurus Construction and Design, Document Image Processing, Systems Analysis and Database Design;
- Serve as thesis adviser, reader and panel to undergraduate and graduate students

Significant Accomplishments	• Initiated collaborative research between the UP Institute of Library and Information Science and the UP College of Medicine and accomplished several research outputs such as Multilingual Philippine Medical Thesaurus, Medical Image Evaluation and Software Application for DICOM Images, Reference Manager, Thesaurus Construction Management Software, and Information Seeking Behavior research.

Job/Role	**Project Coordinator**
Project name and description	Multilingual Philippine Medical Thesaurus • Translation of the US National Library's MESH into eight (8) Major Philippine Languages
Institution	Institute of Library and Information Science University of the Philippines Diliman Quezon City, Philippines
Duration	June 2003 - October 2004
Work description	• Coordinated activities from project initiation, planning and implementation; • Manage resources, and project activities

Job/Role	**Consultant**
Project name and description	Digital Newspaper Clipping Database • CD-ROM database of newspaper clippings
Institution	Colegio de San Agustin High School Library Manila, Philippines
Date Completed	May 2004
Work description	• Digitization, Cataloging, and Indexing of the Materials • System Design and Prototyping.

Job/Role	**Lecturer**
Project name and description	Lecture series • Covers history, theories and principles of indexing, the role of manual information processing, and global perspectives for information professionals
Institution	Financial Times Makati City, Philippines
Date Completed	November 2003
Work description	• Design the content the lecture series • Deliver the lectures

Job/Role	**Information Analyst**
Project name and description	Monoclonal Antibody Database • Telecommuting job covering document processing used in a pharmaceutical research institution for drug development
Institution	Kaim Associates Wilton, Connecticut
Duration	July 2002 – June 2003
Work description	• Cataloging, Classification and Indexing of Journal Articles

Job/Role	**Consultant**
Project name and description	Hierarchical Classification of Product and Services Subject Headings • Organize the current subject headings for products and services into hierarchical

	categories of the largest yellow pages company in the Philippines
Institution	Electronic Yellow Pages Makati City, Philippines
Date Completed	April 2003
Work description	• Design a hierarchy of categories of products and services subject headings • Re-organized the subject headings into the hierarchies

Job/Role	**Consultant**
Project name and description	Glossary and Book Indexing of the book "Madame Excelsis: Historying Gloria Macapagal-Arroyo"
Date Completed	June 2002
Work description	• Create software-generated book Index using Adobe Pagemaker. • Develop the book's glossary

Job/Role	**Information Analyst**
Institution	ASEC Information Technology Makati City, Philippines
Duration	February 1998 to October 2001
Work description	• Archiving and Records management of litigation materials; • Index litigation, medical and medical-related articles from international journals; • Perform quality assurance on work of junior indexers/abstractors; • Development in-house software solutions; • Train junior staff; • Plan and develop training materials; • Prepare both paper and on-line indexing tools and references; • Plan and manage workloads for junior staff.
Accomplishments	• Designed an evaluation for screening medical indexing applicants; • Designed an effective user-interface for the indexing software; • Designed and implemented heuristics in the indexing software resulting significant reduction of training and editing time; • Developed tools and processes to reduce turn-around time; • First company to employ non-Medical Doctor indexers for a medical/pharmaceutical database project yet achieved the required quantity and quality in half the time of other companies (with the help of ICT, process re-engineering, and effective indexer selection and training)

Job/Role	**Information Analyst**
Institution	ASEC Philippines, Makati City
Duration	December 1996 to February 1998
Work description	• Abstract and index of psychology and psychology-related articles from international journals; • Train new staff; • Perform quality assurance on work of junior indexers/abstractors; • Develop in-house software solutions; • Prepare both paper and on-line abstracting and indexing tools and references.
Significant Accomplishments	• Introduce the use of software solutions including heuristics to replace manual and paper-based work processes

PROFESSIONAL ACTIVITIES

Conference Paper: *The Philippine eLibrary: Digitization experience*. Manila, Philippines. 2008 June 24 Southeast Asia-Pacific Audiovisual Archive Association 12ᵗʰ Conference

Conference Paper: *A User-Centered Collaborative Research and Development Program in* 2003 October 20-23 *Information Management* (Co-authored with Dr. J. C. Sison). Brunei

Darussalam. CONSAL XII

Lecturer:	*Data standards, and Digital Conversion for Philippine eLibrary*, Workshop for DOST Luzon, Data Center, The National Library, Manila, Philippines	2008November 19-20
Lecturer:	New Library Services in the Information Age, UE Library Science Alumni Association Forum, Epifanio de los Santos Auditorium, The National Library, Manila, Philippines	2008November 19
Lecturer:	*Digitization*, 1st Philippine Congress on Digital Libraries, Epifanio de los Santos Auditorium, The National Library, Manila, Philippines	2008November 17
Lecturer:	*Information Access*, PLAI – NCR Council Forum, Epifanio de los Santos Auditorium, The National Library, Manila, Philippines	2008October 30
Lecturer:	*Indexing; Abstracts and Abstracting; and Information Technology*. Review for Librarian's Licensure Examinations, Dagot Hall, Philippine Normal University, Manila, Philippines.	2008October 29
Lecturer:	*Coping Up with Information Technology*, National Conference of Public Librarians, Epifanio de los Santos Auditorium, The National Library, Manila, Philippines	2008October 27
Lecturer:	*Abstracts and Abstracting*. Intensive Review for Librarian's Licensure Examinations. Quezon City, Philippines. UP School of Library and Information Science.	2008 October 26
Lecturer:	*Library Information Systems and Technologies*, ASLP Seminar on "Information Access : Techniques and Strategies, Java Hotel, Laoag City, Ilocos Norte, Philippines	2008 October 22
Lecturer:	*Library Services in the Information Age*, ASLP Seminar on "Information Access : Techniques and Strategies, Java Hotel, Laoag City, Ilocos Norte, Philippines	2008 October 22
Lecturer:	*Abstracts and Abstracting*. Review for Librarian's Licensure Examinations (2 Batches). Quezon City, Philippines. UP School of Library and Information Science.	2008 October 5, 12
Lecturer:	*Web Evaluation*, SM Convention Center, Mall of Asia, Pasay City, Philippines	2008 September 15
Lecturer:	*Digital Archiving*, 6th Philippine Youth Congress in Information Technology, UP Film Institute, Quezon City, Philippines	2008 September 05
Lecturer:	*Internet Access and Internet Use in Local Libraries*, IFLA/UNESCO Internet Manifesto Guidelines Training (Train the Trainers Workshop), National Library of the Philippines, Manila, Philippines	2008 July 21
Lecturer:	*The Librarian in the fast pace world of information*, Makati Librarians Association General Assembly, Makati City Library, Makati City, Philippines	2008 July 24
Lecturer:	*Mapping innovation strategy on library service for a total university*, Ninoy Aquino Library and Learning Resource Center, Polytechnic University of the Philippine, San Esteban, Ilocos Sur, Philippines	2008 May 01
Lecturer:	*Popular websites in Information Search and Discovery*. Region X Librarians Council of Philippine Librarians Association and RVM Education Ministry Commission, Cagayan de Oro City, Philippines	2008 April 03-04
Lecturer:	*Online searching*, Seminar on The New Face of the 21st Century Libraries and Information Specialist, Cavite Librarians Association, Silang, Cavite, Philippines	2007 December 05-07
Lecturer:	*Digitization: A method of preserving library resources*, National Conference of Public Librarians 2007, National Library of the Philippines, Manila, Philippines	2007 November
Lecturer:	*Indexing; Abstracts and Abstracting*. Review for Librarian's Licensure Examinations. Philippine Association of Teachers in Library Science, Quezon City, Philippines.	2007 November
Lecturer:	*Abstracts and Abstracting*. Intensive Review for Librarian's Licensure Examinations. Quezon City, Philippines. UP School of Library and	2007 October

Information Science.

Lecturer:	*Abstracts and Abstracting*. Review for Librarian's Licensure Examinations. Quezon City, Philippines. UP School of Library and Information Science.	2007 October
Lecturer:	*Current Trends in Blogging,* University of the East, Manila, Philippines	2007 September 29
Lecturer:	*Blogging,* Polytechnic University of the Philippines, Sta. Mesa, Manila, Philippines	2007 September 16
Lecturer:	*Free and Open Source Software in Information Management*,4-Day Conference *on* iC3KS (information, content, communication and connectivity in a Knowledge society), 1st Phil-BIST (Philippine Book, Information Science and Technology) Davao Colleges and Universities' Network, University of Mindanao, Matina, Davao City, Philippines	2007 August 14-17
Lecturer:	*Creation, Control and Preservation of Digital Resources*, 3-Day Seminar-workshop on Emerging Technologies for Libraries, Philippine Librarians Association and National Capital Region Librarians Council, The National Library, Malate, Manila, Philippines.	2007 July 26-28
Lecturer:	*Integrating Digital Archives in Libraries,* Seminar-Workshop on The Hybrid Library: Integrating Print and Digital Resources in Library Collections, Center for Human Research and Development Foundation, Alumni Center, UP Campus, Diliman, Quezon City, Philippines	2007 July 16-17
Lecturer:	*Forum on Digitization of Documents and Resources for Preservation*, The Ortigas Center Library Consortium, Lourdes School of Mandaluyong, Mandaluyong City, Philippines	2007 June 28
Lecturer:	*National Library of the Philippines' Referencing and Use of Electronic Resources via e-Lib.* 3-Day National Seminar on Electronic Library Delivery Systems, Philippine Normal University, Manila.	2007 May 04
Lecturer:	*Automated Indexing.* 3-Day National Seminar on Electronic Library Delivery Systems, Manila, Philippine Normal University	2007 May 04
Lecturer:	*Indexing, Abstracting and Bibliography-Making,* School and Public Librarians National Conference, Bohol Tropics, Tagbilaran City, Bohol	2007 March 08-10
Lecturer:	*Information Technology,* School and Public Librarians National Conference, Bohol Tropics, Tagbilaran City, Bohol.	2007 March 08-10
Lecturer:	*Metadata for Libraries.* CLLA 4th Annual Conference, Baliuag University, Baliuag, Bulacan, Philippines. Central Luzon Library Association	2006 December 09
Lecturer:	*Information and Communications Technology (ICT) as a Tool for Cataloging, Indexing and Reference Work.* Seminar on People First: Enhancement and Growth of Librarians and Other Library Personnel via Human Resource Training and Technology. Lukban, Quezon, Philippines. Association of Special Libraries of the Philippines.	2006 November 15-17
Lecturer:	*Abstracts and Abstracting*. Intensive Review for Librarian's Licensure Examinations. Quezon City, Philippines. UP Institute of Library and Information Science.	2006 October 25
Lecturer:	*Abstracts and Abstracting*. Review for Librarian's Licensure Examinations. Quezon City, Philippines. UP Institute of Library and Information Science.	2006 October 22
Lecturer:	*Philippine eLibrary,* Cebu, Philippines. 3rd Knowledge Exchange Conference on Community eCenters.	2006 September 27-29
Lecturer:	*Addressing Information and Communication Technology Concerns in the Library.* Seminar on Information and Communication Technology in Libraries: Trends, Security and Ethics. Manila, Philippines. Association of Special Libraries of the Philippines.	2006 April 27-28
Lecturer:	*Internet Issues for Librarians and Information Specialists.* Seminar-Workshop on The E-ssential Library: Creating and Sustaining a Leading Edge. Villa Escudero, San Pablo City, Laguna, Philippines. Philippine Association of Academic and Research Libraries.	2004 October 25-27

Lecturer:	*Abstracts and Abstracting*. Intensive Review for Librarian's Licensure Examinations. Quezon City, Philippines. UP Institute of Library and Information Science.	2004 October 03
Lecturer:	*Abstracts and Abstracting*. Review for Librarian's Licensure Examinations. Quezon City, Philippines. UP Institute of Library and Information Science.	2004 September 26
Lecturer:	*Sex in media technology*, . UP Institute of Library and Information Science Student Council, Quezon City, Philippines.	2007 September 07
Lecturer:	*The Research Functions of Today's Library Staff*. Seminar-Workshop on The Support Staff in Today's Libraries: Keys to Effective Performance-Centered Management. Sabang, Baler, Aurora, Philippines. Philippine Association of Academic and Research Libraries.	2004 July 26-28
Lecturer:	*Digital Imaging: From Planning to Implementation Lecture-workshop*, Quezon City, Philippines. UP Library Science Alumni Association.	2003 November 29
Lecturer:	*Abstracts and Abstracting*. Intensive Review for Librarian's Licensure Examinations. Quezon City, Philippines. UP Institute of Library and Information Science.	2003 October 24
Lecturer:	*Improving Indexing and Abstracting Services for Effective Search and Retrieval of Relevant Information*. Seminar on Maximizing Library Uses and Managing Users. Manila, Philippines. Philippine Association of Academic and Research Libraries.	2003 October 15-17
Lecturer:	*Abstracts and Abstracting*. Review for Librarian's Licensure Examinations. Quezon City, Philippines. UP Institute of Library and Information Science.	2003 October 05
Lecturer:	*Information and Communication Technology for Information Management.* Seminar, Pasay City, Philippines. Asian Institute of Maritime Studies.	2002 December
Member & PRO	Philippine Association of Teachers in Library and Information Science	2004
Member:	Philippine Librarians Association, Inc.	
Member:	Health Informatics Working Group: National Institutes of Health, University of the Philippines Manila	
Member:	Conference Working Committee. Mandaluyong City, Philippines. CONSAL XIII	2006 March
Publication:	*Categorization Behavior of Medical Doctors and Non-Medical Professionals*. Journal of Philippine Librarianship, 23(1&2).	2002
Resource Person:	*Digitization and Digital Library Development Training*. Department of Agriculture, Quezon City, Philippines	2008 May 14-16
Resource Person:	*Digitization of Documents for Greater Access*, School of Library and Information Science, Benguet State University, La Trinidad, Benguet, Philippines	2008 April 22-25
Resource Person:	*Librarianship for Non-Librarians*, University of Northeastern Philippines, Iriga City, Philippines	2007 November 23
Resource Person:	*Training Program on Digitization of Documents,* UP School of Library and Information Science and Central Luzon Region Librarians Council of Philippine Librarians Association, Angeles University Foundation.	2007 October 17-19

Angeles City, Pampanga, Philippines

Resource Person:	*5-Day Training on Digitization of Documents for Greater Access*, School of Library and Information Science, University of the Philippines Diliman. Quezon City, Philippines	2007 May 07-11
Resource Person:	*Advisory Meeting*. Manila, Philippines ACT Malaria Resource Center.	2006 July 18-19
Resource Person:	*Workshop on University Virtual Learning Environment*, Quezon City, Philippines. UP Institute of Library and Information Science.	2004 March 22
Resource Person:	*Indexing and MS Access Database Design and Construction*. Intensive Training for Library Operations. Quezon City, Philippines. Institute of Library and Information Science	2003 February

TRAININGS / WORKSHOPS ATTENDED

Conference:	23rd APAN Conference, Mandaluyong City, Philippines, Asia-Pacific Advance Network	2007 January 22-26
Conference:	*Spanning the Digital Divide: Development of Digital Libraries*, Makati City, Philippines. Techportals & Agriculture Librarians Association of the Philippines.	2003 November 06-07
Conference:	*Records and Information Management in the Next Millennium: Systems and Procedures*, Baguio City, Philippines. Philippine Records Management Association.	1999 May 23-25
Seminar:	*eGovernment Enterprise Architecture and eService Strategic Planning Seminar*, Quezon City, Philippines. National Computer Institute	2008 June 30-July 05
Seminar:	*eGovernment Project Management Seminar*, Quezon City, Philippines. National Computer Institute	2008 April 14-18
Seminar:	*Managing ICT Services in Government – ITIL Framework Seminar*, Quezon City, Philippines, National Computer Center	2007 May 07-09
Seminar:	*Statistical Methods for the Social Sciences*, Quezon City, Philippines. UP School of Statistics.	2002 May 13-17
Seminar:	*Test Construction and Administration of Teacher-Made Tests*, Quezon City, Philippines. Office of the Director of Instruction (ODI), OVCAA.	2002 September 25
Seminar:	*Active Teaching-Learning Strategies*. Quezon City, Philippines. Office of the Director of Instruction (ODI), OVCAA.	2002 July 17
Seminar-Workshop:	Oracle Database 10g Administration II, Makati City, Philippines, Oracle Education Center	2007 February 12-16
Seminar-Workshop:	Oracle Database 10g Administration I, Makati City, Philippines, Oracle Education Center	2007 February 5-9
Seminar-Workshop:	*Seminar sa Leksikograpiyang Filipino*, Quezon City, Philippines. Sentro ng Wikang Filipino at Anvil Publishing.	2003 November 26-27
Seminar-Workshop:	*Academic Resource Management and E-Learning*, Manila, Philippines. Angeles University, Igroup Asia Pacific & Philippine Librarians Association.	2003 September
Workshop:	Leadership Development for Senior Executives of National Libraries in Developing Countries, Kuala Lumpur, Malaysia, Malaysian Technical Cooperation Programme.	2008 August 21-28

PROFESSIONAL ELIGIBILITY

Board of Librarians, 2002

EDUCATION BACKGROUND

<u>Post-Tertiary</u>	Institute of Library Science, University of the Philippines, Diliman, Quezon City
Degree	Master in Library and Information Science
Date Graduated	April 2001
Thesis	Categorization Behavior of Medical and Non-Medical Professionals: A Case Study
Honors/Awards	• College Scholar, First Semester 1998-1999 • Best Graduate Thesis, April 2001
<u>Tertiary</u>	College of Education, University of the Philippines, Diliman, Quezon City
Degree	Bachelor in Secondary Education Major (Biology); Minors (Earth Science, Health, Math)
Date Graduated	April 1993

SPECIAL SKILLS

Expertise in designing tools for information systems such as thesaurus, document security classification, document content classification, horizontal and vertical relationship of document objects, address including Philippine Zip code objects, role-based authentication of users with basic CRUD functions, and system audit from document creation to archiving and weeding.

Expertise in business process engineering and re-engineering using best practices and perspectives from the fields of philosophy, psychology, linguistics, and library and information science

Expertise in user interface design implementing heuristics and workflow to increase productivity/efficiency.

Expertise in developing EDIs (electronic data interchange formats) in ASCII and XML.

Expertise in Database and Internet Searching.

Experience in Software Engineering involving planning, assessment, control, supply, acquisition, design, implementation, evaluation and training guided by practices from International Council on Systems Engineering, ESA, NASA, US Department of Defense, Project Management Institute, Zachman Institute for Framework Advancement, IEEE Computer Society, and other available commercial entities.

Experience in Requirements Analysis through Joint Application Development (IBM-based).

Experience in Software Documentation. Preparation of documentation guided by standards and practices from/about SSAD, OOSAD (UML), ESA, NASA, US Department of Defense, and other available commercial entities.

Experience (various levels) in the following computer software:
Operating Systems: MS-DOS, Windows 3.11, Windows 95, Windows 98, Windows 2000, Windows XP, Red Hat Linux 9, Red Hat Enterprise Linux 3.0, Knoppix 3.1, CentOS 3.0 – 5.0, Fedora 4.0-7.0
Application software: Clipper, JavaScript, VBScript, PHP, Visual Basic, Dbase 3, FoxPro, Filemaker Pro, MS Access, CDS/ISIS, MySQL, PostGreSQL, Oracle Database 9i, Oracle Database 10g, Oracle AS 10g, Eclipse, Macromedia Dreamweaver MX, Macromedia Fireworks, DBDesigner, Jude, ArgoUML, CASE Studio, MagicDraw, Visual Thought, VP UML, MS Frontpage, XML scripting, HTML scripting, Apache, Subversion, Smarty, Macromedia Authorware, Adobe Acrobat Professional, Adobe Pagemaker, MS Publisher, Adobe Photoshop, IrfanView, MarcEdit, TCS-8, SAS, SPSS 12, STATA 6, Eview, MS Office (MS Word, MS Excel, MS Powerpoint), MS Project,

Lotus 123, Wordperfect, OpenOffice, StarOffice, and other word processing, spreadsheet, image, audio/video, database, software engineering, scripting and programming software.

Skilled in digital image and text processing

Skilled in Cloning IBM-PC, PC troubleshooting, repair and upgrading and Windows-based software installation.

Field Experience in Rapid Rural Assessment, Ethnographic Research, and Participant-Observation Research.