

CURRICULUM VITAE

Born: Vancouver, British Columbia, Canada
Citizenship: Canadian

EDUCATION

PhD studies, Information Science, University of North Carolina at Chapel Hill, ongoing
MSc with Distinction, Chemoinformatics, University of Sheffield, 2006
MLIS, Library and Information Studies, University of British Columbia, 2003
BSc, Chemistry, Simon Fraser University, 2001

HONOURS & AWARDS

CCDC Prize (best performance in MSc Chemoinformatics program), 2006
Daylight Prize (best MSc Chemoinformatics dissertation), 2006
The University of Sheffield Canada Scholarship, 2005
American Chemical Society Lucille M. Wert Scholarship, 2005
US National Library of Medicine Associate Fellowship, 2003 – 2005
Ruth Cameron Medal for Librarianship (top graduating student), 2003
C. William Fraser Prize (for medical librarianship), 2003
University of British Columbia Graduate Fellowship, 2002
Li Tze Fong Scholar (UBC Graduate Fellowship), 2001
Canadian Society for Chemistry Silver Medal Award, 1999
Simon Fraser University Honor Roll (6 time recipient), 1997 – 2000
Simon Fraser University Summit Scholarship, 1996 – 2000
Ed Nelson Memorial Bursary for English Literature, 1996
Golden Key National Honor Society

CONTINUING EDUCATION

Johns Hopkins Medicine

- HIPAA Compliance Training (General and research privacy issues), 3/05

National Library of Medicine

- NCBI Advanced Workshop for Bioinformatics Information Specialists (40 MLA contact hours), 8/05
- NCBI Introduction to Molecular Biology Information Resources (20 MLA contact hours), 3/05

Johns Hopkins University School of Medicine, Division of Health Sciences Informatics

- Health sciences informatics applications (audit), 9/04 – 11/04

FAES Graduate School at the National Institutes of Health

- 3 courses audited (1/04 – 12/04): Toxicology, genetics, and mathematical modelling

EMPLOYMENT & RESEARCH POSITIONS

- University of North Carolina Hospitals**, Chapel Hill 1/08 – present
Library Cart Student Volunteer
- responsible for providing reading materials to patients and visitors
- Duke University Medical Center Library**, Durham, NC 9/07 – present
Field Study Student
- Exploring chemical informatics needs and services for the library
 - Providing current awareness and resources training for chemical informatics
- Mobile Medical Computing Reviews** 9/06 – present
Founding Editor
- responsible for editing, coordinating and managing the digital publication of the e-journal:
<http://www.handheldsfordoctors.com/research/index.php>
- GlaxoSmithKline Medicines Research Centre** 6/06 – 8/06
Stevenage, Hertfordshire, UK
MSc Dissertation Student
- Conducted a MSc Chemoinformatics research dissertation titled “Tracing small molecules in lead optimization”
- Welch Medical Library, Johns Hopkins University School of Medicine** 9/04 – 8/05
Baltimore, Maryland, USA
Associate Fellow
- Studied academic medical library services in fellowship program.
 - Initiated and chaired a task force for implementing new library services for handheld computers.
 - Led a project to develop a PDA-compatible library home page.
 - Volunteered at a pathology research lab to study information seeking behaviour and needs of basic medical scientists.
 - Organized a lecture series on emerging information technologies.
 - Researched the role of libraries in the chemical informatics field; presented this research at academic libraries (MIT, UW, UMass) and a government information center (NLM SIS).
- HandheldsForDoctors.com** 11/04 – 1/05
Web Page Manager (volunteer)
- Responsible for converting the PLoS Medicine journal to a PDA viewable format and maintaining the web page for its download.
- US National Library of Medicine**, Bethesda, Maryland 9/03 – 8/04
Associate Fellow
- Published NLM’s PubMed help manual as an online book in the NCBI Bookshelf format; edited the manual, authored new sections, converted the manual to XML, and oversaw its initial publication.
 - Designed a computer algorithm for generating hyperlinks in chemical records that will retrieve medical literature citations (connecting chemical records in the Household Products Database (HPD) to PubMed).
 - Wrote a Java program to automate XML file generation for PubMed LinkOut to HPD.
 - Designed and drafted Web animated tutorials for PubMed search instruction using Carbon ViewletBuilder (during an external practicum).
- Woodward Biomedical Library, University of British Columbia**, Canada 10/01 – 4/03
Graduate Academic Assistant (part-time)
- Provided academic reference services for medical and biological subject specialties.
 - Instructed PubMed classes and assisted librarians with classroom instruction.

- Vancouver Public Library** (downtown Central Branch), Canada 9/02 – 4/03
Student Librarian (part-time)
- Provided public reference services in the Science & Technology Division and the Quick Information Service, a fast-paced directional reference department.
- Special Libraries Association – UBC Student Chapter** 7/02 – 4/03
Webmaster (volunteer)
- Re-designed and maintained student association web site.
- University of California San Francisco Library** 4/02
Practicum Student
- Researched and made recommendations for updating the print and electronic resources of the biotechnology reference collection.
- Centre for Health Evaluation & Outcome Sciences**, Vancouver 5/01 – 8/01
Research Assistant
- Catalogued 400+ neurology journal articles to an EndNote database, applying subject headings from a self-designed classification scheme for stroke care.
 - Performed literature searches for stroke care and neurological conditions.
- Vancouver Vascular Biology Research Centre** 1/01 – 4/01
Research Assistant
- Performed pharmacological calcium exchange experiments using calcium imaging techniques and prepared fetal rat aorta cell culture.
- Simon Fraser University Belzberg Library**, Vancouver 9/00 – 12/00
Library Assistant (part-time)
- Provided library circulation desk services and was accountable for shelving and patron services.
- Dr. R. Pomeroy Chemistry Lab**, Simon Fraser University, Burnaby, Canada 9/00 – 12/00
Research Assistant (part-time)
- Prepared NMR experiments to study the rate of carbonyl exchanges in metal clusters.
 - Synthesized osmium metal cluster compounds using inert environment techniques.
- Canadian Biotechnology Secretariat**, Canadian Federal Government, Ottawa 5/99 – 8/99
Research Assistant
- Created 14 executive briefing packages on specialized issues in Canadian biotechnology research support and commerce, collecting information from the Internet and government libraries.
- Associated Economic Consultants, Ltd.**, Vancouver 9/97 – 12/97
Research Assistant
- Created a database catalogue for the library's collection of over 3000 items.

PUBLICATIONS & PROJECTS

All publications and further writing available at: <http://www.jeffloo.com/writing.htm>

1. Editor, Mobile Medical Computing Reviews e-journal, 2006 – present
2. PubMed in Your Pocket. UK Health Informatics Today. 2004 Winter;(45):e1.
3. Search PubMed from Household Products Database. NLM Tech Bull. 2004 Jul-Aug;(339):e4.
4. Edited and digitally published NLM's PubMed manual in online book format:
<http://www.ncbi.nlm.nih.gov/books/bv.fcgi?rid=helppubmed.chapter.pubmedhelp>

INSTRUCTION & PRESENTATION EXPERIENCE

More details available at: <http://www.jeffloo.com/presentations.htm>

1. Looking to Norway for Novel Library Ideas
Norge som innovatør: lærdommer å trekke fra norsk nyvinning innen bibliotek-vitenskapen
UNC SILS Research Colloquium - 11/29/06
2. Generating PubMed Chemical Queries for Consumer Health Literature
AMIA 2005 conference poster, Washington, DC, 10/05
3. Chemical Informatics for Libraries
Invited presentation at MIT Science Library, Cambridge, Massachusetts, 7/05
4. PubMed Help Online Book: Digital Publishing with the NCBI Bookshelf
MLA 2005 conference poster, San Antonio, Texas, USA, 5/05
5. NIH Roadmap and Chemoinformatics
Welch Medical Library Journal Club, 12/04
6. Introductory Handheld Computing workshop (as instructional assistant)
Center for Information Technology, National Institutes of Health, Bethesda, USA, 7/04
7. Advanced PubMed Searching workshops
Woodward Biomedical Library, University of British Columbia, Canada, 9/02 – 3/03