

**Gabriel M. Peterson, Ph.D.**  
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**Education:**

- Ph.D. - University of Missouri, Information Science, 2006
- M.S. - University of Texas at San Antonio, Biotechnology, 1999
- B.S. - New Mexico State University, Biochemistry, 1995
- B.A. - New Mexico State University, Chemistry, 1995
- B.A. - New Mexico State University, Spanish, 1995

**Professional Experience:**

- North Carolina Central University, School of Library and Information Science, Associate Professor: 2007-present
- 2006-2007 , Research Assistant, University of Missouri-Columbia, Medicine, School of, Health Science Library, Information Services
- 2004-2005, Graduate Research Assistant, University of Missouri-Columbia, Information Science & Learning Technologies
- 2000-2004, National Library of Medicine Pre-doctoral Fellow, University of Missouri-Columbia, Information Science and Learning Technologies
- 1999-2000, Research Specialist, University of Missouri-Columbia, Agriculture
- 1996-1999, Teaching Assistant, University of Texas at San Antonio
- 1996-1999, Graduate Research Assistant, University of Texas at San Antonio

**Publications:**

Peterson, Gabriel M. "The effectiveness of the practice of correction and republication - A controlled bibliometric analysis" *In progress*

Peterson, Gabriel M. "The impact of correction and republication on human subjects research – a bibliometric analysis" *In progress*

Yoo-Lee, Eun-Young, Peterson, GM. "Hispanics and public libraries: Assessing their health information seeking behaviors in the e-health environment" *Reference Services Review*. Submitted Feb. 2016

Peterson, Gabriel M. "Characteristics of retracted open access biomedical literature: A Bibliographic analysis." *Journal of the American Society for Information Science and Technology* 64.12 (2013): 2428-2436.

Peterson, Gabriel M. Review of "The Global Flow of Information—Legal, Social and Cultural Perspectives. Ramesh Subramanian and Eddan Katz, New York, NY: NYU Press, 2011. 256 pp. \$49.00.(ISBN: 978-0814748114)." *Journal of the American Society for Information Science and Technology* 63.4 (2012): 843-844.

Peterson (2011) Information Policy Chapter #7 In: Davis, C. H.; Shaw, D. (Eds.) Introduction to Information Science and Technology. Medford, NJ: Information Today, 2011. XII. 272 S. ISBN 978-1-57387-423-6

Peterson, Gabriel M. "The effectiveness of the practice of correction and republication in biomedical literature." *J Med Libr Assoc* 98 (2010): 2.

"Disseminating National Library of Medicine Knowledge into Communities: Fighting Health Disparities".By: Gabriel Peterson, LaHoma Smith Romocki, Deborah Swain, LaShawn Wordlaw-Stinson In: "*Issues in librarianship : presented papers at the ALA 2008 Annual Conference*" Anaheim, 2008 (pp.141-146)

### **Pre-2008**

· S. Erdelez, G. M. Peterson, M. E. Sievert, and J. W. Hales, An Exploratory Study of the Characteristics of User Studies of the Electronic Medical Record, Medinfo 2004 POSTER, 8 Aug 2004

· Gabriel M. Peterson MS, J. Wade Davis, K Su, An examination of term evolution upon natural language as a query formation tool for retrieving e-health information on Medline, B/ITE Bulletin of the Special Libraries Association, 21(Jan/Feb 2004), January 2004

· Su KC, Sievert ME, Peterson GM, Searching PubMed to Examine the Effectiveness of Retrieving Relevant Information about Electronic Healthcare/Health Care, Proceedings of Annual Conference of the Medical Library Association, May 2001

- Ries J, Su KC, Peterson GM, Sievert ME, Patrick TB, Moxley DE, Frequency of Content-Bearing Words in Abstracts and Texts in Articles from Four Medical Journals, MEDINFO 2001, 2001
  
- Su K, Ries JE, Peterson GM, Sievert MC, Patrick TB, Moxley DE, Ries LD, Comparing Frequency of Content Bearing Words in Abstracts and Texts in Articles from Four Medical Journals Using Two Stop Word Lists, AMIA 2001 Fall Conference Proceedings, 2001
  
- Gabriel M. Peterson MS, Kuichun Su, MLIS James E. Ries, MS Mary Ellen C. Sievert, PhD, An examination of natural language as a query formation tool for retrieving information on e-health from Pub Med, ASIST 2002 Proceedings(39:):214-219
  
- Sanda Erdelez PhD, Gabriel Peterson MS, Mary Ellen Sievert PhD, The Characteristics of Electronic Medical Records (EMR) User Studies: An Exploratory Review. Accepted for presentation to MEDINFO 2004
  
- Sievert, MaryEllen, Budd, John M., Peterson, Gabriel, Su, K, Effects of Published Erratum on Subsequent Publications, 4th International Congress on Peer Review in Biomedical Publication September 15, 2001
  
- Monga, HK, Patrick TB, Longo DR, Sievert MC, Peterson GM., An Evaluation of the NLM Gateway Using the European Commission Glossary: A Descriptive Study, American Medical Informatics Association Fall Conference, 2001. - POSTER
  
- Timothy B. Patrick PhD, Gabriel Peterson MS, David Moxley MLS, A Pitfall in Accessing the Genbank Sequence Literature, AMIA 2002 Conference - POSTER

**Current Research Projects:**

Peterson, Gabriel M. “The effectiveness of the practice of correction and republication - A controlled bibliometric analysis” *In progress*

Peterson, Gabriel M. “The impact of correction and republication on human subjects research – a bibliometric analysis” *In progress*

**Funding Received:**

2010 - North Carolina Central University Office of International Affairs: A comparative eHealth needs and literacy assessment for under-served populations in North Carolina and Puerto Rico, \$5000

National Library of Medicine: BHIRT Fellowship, \$30,000/annum, from 2000- 2004

**Professional Presentations & Posters:**

**2013 NCCU Research Symposium**

**Title:** “The Use of Flawed Literature in Human Subjects Biomedical Research—A bibliometric analysis” G Peterson, I Henry-Ajudua April, 2013 NCCU Graduate Research Symposium

**2013 Duke University Informatics Research Seminar Series**

September 18, 2013

“Characteristics of retracted open access literature – a bibliometric analysis”.

**2010 Annual Meeting of the American Society for Information Science & Technology (ASIST) (Poster session)**

**Title:** “Characteristics of retracted open access literature – a bibliometric analysis”.

Presented at the 2010 Annual Conference of the American Society for Information Science and Technology) By: Gabriel Peterson, PhD

**2009 iConference (January 17<sup>th</sup>, 2009) (Poster Session)**

**Title:** “The Eagles ehealth Project: Fighting health disparities in under-served communities”

By: D. Swain, L. Romocki, L. Wordlaw-Stinson, & GM Peterson

**2009 Annual Meeting of the Association for Library and Information Science Education (ALISE) (Session Presentation) Title:** “Fighting health disparities through collaborative

e-health literacy training: A case study” By: Gabriel Peterson, PhD & Deborah Swain, PhD

**Presentations at North Carolina Central University:**

**2013-08-17** - North Carolina Central University Faculty Institute (Leader, Training Session)

**Title:** “Blackboard Collaborate – Bridging the gap with live, online classes”

**2013-03-05** - NCCU ITS Training Series:

**Title:** “Classroom Learning Technologies”

· Link: <http://www.nccu.edu/facultyandstaff/cutl/gpicp.cfm>

**Honors and Awards Received:**

· **Winner, 1st Place, 2013 NCCU Student Research Symposium, (Humanities and Library & Information Science)**

**By:** Gabriel Peterson, PhD, & Ifeoma Henry-Adujua

**Title:** “The effect of corrected biomedical literature on human subjects - A bibliometric analysis”. 2007, Mid-Continental Medical Library Association, University of Missouri-Columbia, “A comparison of the "find similar" features of Pubmed/Medline and OVID/Medline”

· 2005, Association for Library and Information Science in Education (ALISE),

**Title:** The Effectiveness of Correction and Republication on the Biomedical Literature Annual Conference Doctoral Poster Session - Honorable Mention

· 2003-2003, Student Paper Award - Honorable Mention, Special Libraries Association

**Title:** An examination of term evolution upon natural language as a query formation tool for retrieving e-health information on Medline

· 2001-2001, ISI Citation Analysis Research Grant Award, American Society for Information Science and Technology (ASIST), University of Missouri-Columbia

**Title:** Effects of Published Erratum on Subsequent Publications

· 2004-2000, NLM BHIRT Pre-doctoral fellowship, National Library of Medicine, University of Missouri-Columbia

**Media Coverage: NCCU Quest, Spring 2014**

[http://www.nccu.edu/formsdocs/proxy.cfm?file\\_id=2657](http://www.nccu.edu/formsdocs/proxy.cfm?file_id=2657)

**Research Relevance:**

Though information is ubiquitous, barriers to high quality health information remain, particularly among under-served populations. Health information is an important public resource. Unequal access and unreliable information are two pitfalls to the appropriate use of health literature. The presence of anomalous information in the biomedical literature can have significant human & social health impacts; it is imperative that users have the best information for making clinical and research decisions. Maintaining the integrity of the scientific literature is crucial: use & citation of flawed literature can lead to delay, increased costs, propagation of error or the elimination of potentially valid research from the literature.

My research evaluates the effectiveness of biblioremediation, the post-publication correction or republication of articles. The degree to which one version of a corrected and republished article pair has become authoritative is evaluated as is the degree to which author ignorance of authoritative versions of documents is evaluated as a possible explanation for post-republication citation. Improved understanding will lead to improved information retrieval & delivery systems

and thus improved biomedical research and health care. Additionally, I have an ongoing interest in questions of information policy. In particular, my work focuses on the transformative role that pervasive information is playing at the individual, collective and transnational levels of society. Of particular interest to me is the ongoing reconceptualization of information and its role in the evolution of the information society and how perceptions and effects vary among communities.

### **Teaching Experience:**

I have extensive face-to-face and online teaching experience in a variety of the sub-disciplines of Library & Information Science:

Health Informatics Applications (LSIS 5845)

Systems Analysis (LSIS 5751)

Communication Science (LSIS 5475)

Network Security (LSIS 5442).

Databases 1 (LSIS 5451)

Health Reference Librarianship (LSIS 5245)

Intellectual Property (LSIS 5115)

Information Policy (LSIS 5110)

As Distance Learning has become a more important part of the education process, I have labored, studied, and taught others how to develop skills and course materials to align distance and on-campus educational experiences. In particular, I am effective at generating a visceral or “traditional feeling” classroom experience online, via synchronous and asynchronous distance learning technologies. A key to establishing parity between modes is the integration of technologies between teaching environments; specifically, face to face courses make heavy use of online materials and classroom management tools, and online classes have regular synchronous online class sessions. I use many technologies to assist me in creating an interactive or “traditional feeling” classroom experience online using synchronous and asynchronous distance learning technologies such as Audacity, Blackboard Collaborate, blogs, forums and cloud storage. Evidence of my effectiveness in the classroom can be found in the data from Student Ratings of Instruction from 2009-present, where scores are consistently at or above departmental norms. As such, I am an acknowledged campus leader in the use of distance education and embrace new ways to reach students using online tools, and my teaching methods were profiled in the Fall 2013 edition of *NCCU Now* ([Link](#)).

### **Membership Information:**

- American Society for Information Science and Technology - Inactive
- Medical Library Association – Mid Atlantic Chapter
- Association for Library and Information Science Education - Inactive

- American Medical Informatics Association - Inactive
- American Society for Information Science and Technology – Carolina Chapter
- North Carolina Healthcare Information & Communications Alliance,

**Other Expertise:**

- NCCU IRB training, Spring 2012, Fall 2007
- Duke IRB training, Spring, 2012
- Training in Ethical Conduct of Research, HIPAA Training June 2003
- IRB Training-Campus June 2003
- IRB Training-Health Sciences June 2003

**Technical Skills & experience:**

*Information*

- LINUX – 15+ years experience
- Microsoft Access & MySQL - Databases
- \*AMP – Server installation & maintenance
- HTML/XML/CSS/PHP – Web publishing
- R/SPSS - Statistics & Econometrics
- LaTeX/BibTex - Typesetting
- Prezi - Presentations
- Wordpress, Joomla – Content management

*Biotechnology*

- Genomics
- Electron Microscopy
- Gene Sequencing
- Fermentation Biology
- Analytical Chemistry

**Natural Language Skills:**

- Spanish: Reading: Functional, Writing: Fluent, Speaking: Functional
- French: Reading: Basic, Writing: ne c'est pas, Speaking: au si