

# HyunSeung [“HonSong”] Koh

## Curriculum Vitae

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## EDUCATION

Ph. D. Information Science, Department of Information and Library Science, Indiana University, Bloomington, IN, 2015

Dissertation: *From reading text to re-designing it: Ebook design insights from a mixed methods user study of active reading*

A user study of active reading in academic settings utilizing multiple analytical and methodological methods including online survey, document examination of annotations, distant observation, follow-up interviews, cluster analysis, binary logistic regression, and grounded theory combined with reader-response criticism

M.S. Information Science, School of Library and Information Science, Indiana University, Bloomington, IN, 2006

MBA Information Management, Graduate School of Global Business, Hankuk University of Foreign Studies, Seoul, Korea, 2002

B.S. Mathematics, School of Natural Sciences, SungShin Women’s University, Seoul, Korea, 1994

## PUBLICATIONS

### Peer Reviewed Journal Articles

2016 Koh, H. & Herring, S. C. Historical insights for ebook design. *Library Hi Tech*, 34(4), 764-786.

2010 Koh, H., & Bardzell, J. Supporting the experience of active reading in the design of e-books. *Design Principles and Practices: An International Journal*, 4(4), 315-331.

### Book Chapters

2014 Koh, H., & Herring, S. C. Ebooks, ereaders, and ebook device design. In M. Khosrow-Pour (Ed.), *The Encyclopedia of Information Science and Technology* (3rd ed., pp. 2278-2287). Hershey, PA: IGI Global.

## Peer Reviewed Conference Proceedings

- 2011 Koh, H. Annotations and Rhetorical Structure Theory: Implications for the design of ebooks. In *Proceedings of ED-MEDIA 2011 – World Conference on Educational Multimedia, Hypermedia & Telecommunications* (pp. 1549-1557). Chesapeake, VA: AACE.
- 2009 Koh, H. Predicting successful global online group projects from online discussion. In *Proceedings of the Forty-Second Hawai'i International Conference on System Sciences* (pp. 88-97). Los Alamitos, CA: IEEE Press.
- 2007 Koh, H., & Herring, S. C. Is interactivity important in information literacy tutorial sites? Comparison between highly-rated and randomly-selected online tutorials. In R. Carlsen, K. McFerrin, J. Price, R. Weber, & D. A. Willis (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2007* (pp. 1297-1302). Chesapeake, VA: AACE.

## Workshop Papers

- 2015 Koh, H. Active reading: Beyond nonlinear. *Authoring, Designing, and Delivering Ebooks: A Research and Practice Agenda, The iConference*, Newport Beach, CA, USA.
- 2012 Koh, H. Is there one kind of qualitative (quantitative) research? *Qualitative Research in HCI, The ACM SIGCHI Conference on Human Factors in Computing Systems (CHI)*, Austin, Texas, USA.
- 2011 Koh, H. Manipulable texts: Let readers create their own world of texts. *Beyond the Binding: Exploring the Future of the Book, The Eighth ACM Conference on Creativity and Cognition*, Atlanta, Georgia, USA.

## Other Articles

- 2012 Koh, H. Understanding reader-text interaction: Implications for ebook design. *The Bulletin of the IEEE Technical Committee on Digital Libraries*, 8(2).

## CONFERENCES

### Papers Presented

- 2012 Koh, H. What is the best design approach to avoid difficulties in interdisciplinary research? Presented at *The Eighth International Congress of Qualitative Inquiry*, University of Illinois at Urbana-Champaign, Illinois, USA. May 16-19.

2010 Koh, H., & Bardzell, J. Supporting the experience of active reading in the design of e-books. Presented at the *Fourth International Conference on Design Principles and Practices*, University of Illinois, Chicago, IL. February 13-15.

## Posters

2015 Koh, H. From reading text to re-designing it: Ebook design insights from a mixed method user study of active reading. Poster presented at the 2015 *ALISE Annual Conference/Jean Tague-Sutcliffe Doctoral Poster Competition*, Chicago, IL. January 27-30.

2014 Koh, H. A user study of active reading in academic settings using mixed methods: Implications for ebook design. Poster presented at the 2014 *ALISE Annual Conference/Jean Tague-Sutcliffe Doctoral Poster Competition*, Philadelphia, PA. January 21-24.

2014 Koh, H. Challenges and lessons learned from a mixed method study. Poster presented at the 2014 *ALISE Annual Conference*, Philadelphia, PA. January 21-24.

2012 Koh, H. Understanding reader-text interaction: Implications for ebook design. Poster presented at the 2012 *ALISE Annual Conference*, Dallas, TX. January 17-20.

2006 Clements, M., Holloway, T., Koh, H., & Mutsuddi, A. Visualizing the landscape of U.S. university patents at twenty patenting intensive universities. Poster presented at the *NetSci 2006 (International Workshop and Conference on Network Science)*, Bloomington, IN. May 22-25. [Best Conference Poster Award, 3rd place]

## CAMPUS TALKS

2009 Koh, H. Understanding annotations using the Heideggerian concepts of ready-to-hand and present-at-hand for supporting active reading. Presented at the *School of Library and Information Science Doctoral Research Forum*. Bloomington, IN. October 17.

2008 Koh, H. Naturalistic diary studies: A method for capturing the reading experience. Presented at the *School of Library and Information Science Doctoral Research Forum*. Bloomington, IN. October 11.

## TEACHING EXPERIENCE

School of Library and Information Science, Indiana University, Bloomington, IN, Adjunct Lecturer

Computer-Based Information Tools (Fundamental networking, Online searching, XHTML/CSS, Database basics, Microsoft Excel, Microsoft PowerPoint, Microsoft Access), Fall 2010

School of Library and Information Science, Indiana University, Bloomington, IN, Teaching Assistant (Co-taught)

Human-computer Interaction (Graduate-level course), Fall 2009

## **ASSISTANTSHIPS AND INTERNSHIPS**

2015 – Research Assistant, Assessment Department, Indiana University Bloomington Libraries, IN

2007 – 2008 Research Assistant, the Netscan/Usenet project, School of Library and Information Science, Indiana University Bloomington, IN

2006 Intern, Usability project for the Encoded Archival Description (EAD) IU Online Finding Aids, Indiana University Bloomington Libraries, IN

2005 Intern, Usability project for the Noise Violation Database System, Information and Technology Services, City of Bloomington, IN

## **AWARDS, FELLOWSHIPS, AND GRANTS**

### **External Awards**

2015 Travel Funding, Doctoral Seminar for Research and Career Development, The American Society for Information Science and Technology (ASIS&T), \$200

2012 Travel Funding, Doctoral Consortium, The ACM/IEEE Joint Conference on Digital Libraries (JCDL), \$1379.90

2012 Travel Funding, Doctoral Colloquium, The iConference, \$1241.45

### **Internal Awards and Grants**

2015 Fee Assistance Awards, The Office of International Services (OIS), Indiana University, Bloomington, \$750

2013 Fee Assistance Awards, OIS, Indiana University, Bloomington, \$1500

2012 Grant in Aid of Doctoral Research, The University Graduate School, Indiana University, Bloomington, \$1000

2012 IU Women in Science Travel Grant, The Office for Women's Affairs, Indiana University, Bloomington, \$700

2012 Fee Assistance Awards, OIS, Indiana University, Bloomington, \$2000

### **Fellowships and Scholarships**

- 2012 Margaret Rufsvold Fellowship, Sarah Reed Fellowship, Clayton A. Shepherd Scholarship, School of Library and Information Science (SLIS), Indiana University, Bloomington
- 2010 Sarah Reed Fellowship, SLIS, Indiana University, Bloomington
- 2010 Rob Kling Social Informatics Fellowship, SLIS, Indiana University, Bloomington
- 2009 Margaret Griffin Coffin Fellowship, SLIS, Indiana University, Bloomington
- 2009 SLIS Fellowship, Indiana University, Bloomington
- 2008 Sarah Reed Fellowship, Margaret Griffin Coffin Fellowship, SLIS, Indiana University, Bloomington
- 2007 Sarah Reed Fellowship, SLIS, Indiana University, Bloomington
- 2002 Distinction (Merit-based) Scholarship, Graduate School of Global Business (GSGB), Hankuk University of Foreign Studies (HUFS), Seoul
- 2001 Distinction (Merit-based) Scholarship, GSGB, HUFS, Seoul

### **Travel Awards**

- 2015 Doctoral Student Travel Award (The ALISE Annual Conference), SLIS, Indiana University, Bloomington
- 2014 Doctoral Student Travel Award (The ALISE Annual Conference), SLIS, Indiana University, Bloomington
- 2012 Doctoral Student Travel Award (The ACM SIGCHI Conference on Human Factors in Computing Systems), SLIS, Indiana University, Bloomington
- 2011 Doctoral Student Travel Award (The ED-MEDIA - World Conference on Educational Multimedia, Hypermedia & Telecommunications), SLIS, Indiana University, Bloomington
- 2011 Doctoral Student Travel Award (The Eighth ACM Conference on Creativity and Cognition), SLIS, Indiana University, Bloomington

2010            Doctoral Student Travel Award (The Fourth International Conference on Design Principles and Practices), SLIS, Indiana University, Bloomington

2009            Doctoral Student Travel Award (The Forty-Second Hawai'i International Conference on System Sciences), SLIS, Indiana University, Bloomington

## **PROFESSIONAL DEVELOPMENT**

### **As a selected presenter**

2015            Koh, H. From reading text to re-designing it: Ebook design insights from a mixed methods user study of active reading (Dissertation), *ASIST Doctoral Seminar on Research and Career Development* (by invitation), St. Louis, MO, USA. November 10

2012            Koh, H. Understanding reader-text interaction: Implications for ebook design (A summary of the dissertation proposal), *JCDL (The ACM/IEEE Joint Conference on Digital Libraries) 2012 Doctoral Consortium* (for accepted students, with NSF travel funding), The George Washington University, Washington, DC, USA. June 10

2012            Koh, H. Interdisciplinarity (Answers to questions with regard to the nature of inquiry in the information field and challenges in the dissertation proposal), *iConference 2012 Doctoral Colloquium* (for accepted students, with NSF travel funding), Toronto, Canada. February 10

2012            Koh, H. Understanding reader-text interaction: Implications for ebook design (A summary of the dissertation proposal), *iConference 2012 Doctoral Colloquium* (for accepted students, with NSF travel funding), Toronto, Canada. February 10

### **Training**

2017            Data on the Mind Workshop in Human Cognition and Behavior  
University of California, Berkeley, June 26 – June 29  
<http://www.dataonthemind.org/2017-workshop/schedule>

2017            Certificate in Social Media Analysis: Principles and Practices for Big Data  
Boston University, May 31- June 2  
<http://sites.bu.edu/social-media-analysis/>

2014            The Nineteenth Annual Preparing Future Faculty (PFF) conference, Indiana University Bloomington, February 7  
<http://www.indiana.edu/~pffc/>

- 2013 Dr. Eric Metzler, Dr. Lisa Kurz, & George Rehrey, *Course Development Institute (CDI)*, The Center for Innovative Teaching and Learning and Instructional Consulting, Indiana University Bloomington, June 7, 10, 12, & 14  
<http://citl.indiana.edu/programs/cdi/index.php>
- 2013 Dr. Aaron Blaisdell, Dr. Adele Goldberg, Dr. Dan Jurafsky, Dr. Ed Wasserman, Dr. Harald Baayen, Dr. Michael Ramscar, Dr. Mark Davies, Dr. Mark Liberman, & Dr. Morten Christiansen, *The Big Data workshop: What can we do with 500 billion words?*, The IU Institute for Advanced Study (IAS) and the IU Cognitive Science Program, Indiana University Bloomington, April 18-20  
<http://mypage.iu.edu/~meldye/workshop/>
- 2013 Dr. Lisa Given, Dr. Diane Rasmussen, & Dr. Marie Radford, *The ALISE Academy: The Quality behind Qualitative Research*, the ALISE Annual Conference, January 22
- 2012 Dr. Lisa D. Pearce, *Using mixed methods in social science research*, the Workshop in Methods (WIM), the Consortium for Education and Social Science Research (CESSR), Indiana University Bloomington, April 13
- 2011 Dr. Tim Hallett, *The Demystifying Qualitative Analysis workshop*, the Indiana Intensive Didactic Seminar (IIDS), April 2

## **PROFESSIONAL SERVICE**

### **Referee**

- 2013 *The Encyclopedia of Information Science and Technology (3rd ed.)*
- 2012 *Nordic Journal of Youth Research*
- 2010 *Design Principles and Practices: An International Journal*

### **Reviewer for conference papers**

- 2009 – Advances in Teaching and Learning Technologies minitrack, *HICSS (Hawai'i International Conference on System Sciences)*
- 2014 *The ACM CHI Conference on Human Factors in Computing Systems*
- 2010 Persistent Conversation minitrack, *HICSS (Hawai'i International Conference on System Sciences)*

### **Volunteer**

2015            Research Assistant/Instructor, June 13 – July 27  
Clinical Teaching for Students with Reading Disabilities  
Pinnacle School, Bloomington, Indiana  
Department of Curriculum and Instruction, School of Education, Indiana  
University, Bloomington

## **PROFESSIONAL MEMBERSHIPS**

### **ACM SIGCHI**

American Society for Information Science & Technology  
Association for Library and Information Science Education  
International Literacy Association (formerly International Reading Association)

## **TECHNICAL EXPERIENCE AND SKILLS**

**Platforms:** Windows, Mac OS, Unix

**Web development:** Hand-coded (X)HTML, DHTML, CSS, JavaScript, PHP

**Graphics:** Photoshop, Fireworks, Illustrator

**Databases:** MS Access

**Programming:** Perl/CGI, JAVA, Python

**Statistical tool:** SPSS

**Survey design tool:** Qualtrics

**Qualitative data analysis software:** HyperRESEARCH, NVivo

## **REFERENCES**

**Susan C. Herring** (Academic Advisor and Research Committee Chair)

Professor of Information Science, Adjunct Professor of Linguistics

Department of Information and Library Science

School of Informatics, Computing, and Engineering

Indiana University, Bloomington

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**Jeffrey Bardzell** (Research Committee Member)

Professor of Informatics

Human-Computer Interaction Design program

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**Erik Stolterman** (Minor Advisor and Research Committee Member)

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**Hamid R. Ekbia** (Research Committee Member)

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Department of Informatics/Department of International Studies  
School of Informatics, Computing, and Engineering/School of Global and International Studies  
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Bloomington, IN47408

**Andrew Asher, PhD** (Supervisor)

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