

Information Behavior in Digital Age

參考文獻

Lecture 1. Theory and Models

This lecture will cover major theories of information behavior and models.

Readings:

- Bates, M.J. (2009). Information behavior. In Bates, M. and Maack, M. editors. *Encyclopedia of Library and Information Sciences*, 3rd ed. [Pdf: ELIS_Bates]
- Wang, P. (2011). Information Behavior and Seeking. In Diane Kelly and Ian Ruthven edited *Information Retrieve Interaction. Interactive Information Seeking and Retrieval*. ISBN: 978-1-85604-707-4 London: Facet Publishing. Page: 15 – 42. [Pdf: IISBR_2_4]
- Savolainen, R. (1995) Everyday Life Information Seeking: Approaching Information Seeking in the Context of “Way of Life” *Library and Information Science Research* 17, 259-294.
- Case, D. (2009) Avoidance of Information in the Context of information Seeking. Research Forum held at the University of Tennessee, School of Information Sciences. [Centra executable file: Research-Forum-with-Professor-Don-Case]

Lecture 2. Methodology

This lecture will cover major methodologies and methods for information behavior research.

Readings:

- Wang, P. (c2001). Methodologies and methods for user behavioral research. *Annual Review of Information Science and Technology*, Vol. 34, 1999, 53-99. [Pdf: arist99.pdf]
- Fidel, Raya (2011) Approaches to investigating information interaction and behaviour In Diane Kelly and Ian Ruthven edited *Information Retrieve Interaction. Interactive Information Seeking and Retrieval*. ISBN: 978-1-85604-707-4 London: Facet Publishing. Page: 61 – 75. [Pdf: IISBR_2_4]
- Hermon & Schwartz’s LISR editorial: What is a Problem Statement? [Pdf: ProblemStatement.pdf]
- Peiling Wang, William B. Hawk, and Carol Tenopir. (2000). Users’ Interaction with World Wide Web resources: An exploratory study using a holistic approach,

Information Processing & Management , 36(2): 229-251. [Pdf: ipm00]
Peiling Wang, D.A. Dervos, Yan Zhang, and Lei Wu (2007). Information-seeking behaviors of academic researchers in the Internet Age: A user study in the United States, China and Greece. In *Proceedings of the 69th Annual Meeting of the American Society for Information Science & Technology* (Milwaukee, WI, October 19-24, 2007) [Pdf: asist07c_cd]

Lecture 3. Related Research

This lecture will cover exemplary in information behavior research projects

Readings:

Tenopir, C., Peiling Wang, Yan Zhang, et al. (2008) Academic Users' Interaction With ScienceDirect in Search Tasks: Affective and Cognitive Behaviors *Information Processing & Management* , 44(1): 105-121. [pdf: IPM08.pdf]
Wang, P., Dietmar Wolfram, Jin Zhang, et al. (2007). Mining Web Search Behaviors: Strategies and Techniques for Data Modeling and Analysis. In *Proceedings of the 69th Annual Meeting of the American Society for Information Science & Technology* (Milwaukee, WI, October 19-24, 2007) [pdf: asist07a.pdf]
Dietmar Wolfram, Peiling Wang, & Jin Zhang (2009) Identifying Web Search Session Patterns Using Cluster Analysis: A Comparison of Three Search Environments, *Journal of the American Society for Information Science and Technology* 60 (5), 896-910 [DOI: 10.1002/asi.21034] [Pdf: jasist09]
Wang, P. & Dagobert Soergel. (1998). A cognitive model of document use during a research project. Study I: Document selection. *Journal of the American Society for Information Science* 49(2), 115-133. [Pdf: jasist98]
Wang, P. & Marilyn Domas White. (1999). A cognitive model of document use during a research project. Study II: Decisions at reading and citing stages. *Journal of the American Society for Information Science* 50(2), 98-114. [Pdf: jasist99]

Lecture 4. Case Study Forum

In this forum, we will practice about setting up research questions and choosing appropriate research method. We will expand discussion on the previous lectures as needed. There is a survey example from a researcher to be discussed in this session (Pdf: survey4crique.pdf). Students should also be prepared to share their topics for input.

Readings:

Punch, Keith F. (2005). *Introduction to Social Research: Quantitative and Qualitative Approaches*. 2nd ed. Thousand Oaks: Sage;. Chapters 1 and 2 [In blackboard]

Punch, K. F. (2006) *Developing effective research proposal*. 2nd ed. Thousand Oaks: Sage; ISBN: 978-1-4129-2126-8 Chapter 3 – Chapter 5 [Pdf: Chapter_3_DERP.pdf; Chapter_4_DERP.pdf; Chapter_5_DERP.pdf]

RECOMMENDED REFERENCES:

Books on Information Behaviors

Bates, M. and Maack, M. (2010), editors. *Encyclopedia of Library and Information Sciences*, 3rd ed. DOI: 10.1081/E-ELIS3-120043263

Fisher, K.E., Erdelez, S. and McKechnie, L. (2005) Editors. *Theories of Information Behavior*. Medford, NJ: Information Today. [72 chapters by well-known authors in information science.]

Case, D.O. (2010) *Looking for Information: A Survey of Research on Information Seeking, Needs, and Behavior*, 3rd ed. New York: Elsevier.

Nahl, D., & Dania Bilal, eds. (2007) *Information and Emotion: The Emergent Affective Paradigm in Information Behavior Research and Theory*. Medford, NJ: Information Today.

Books on Research Methods

Vaughan, L. (2001) *Statistical Methods for the Information Professional: A Practical, Painless Approach to Understanding, Using, and Interpreting Statistics* (Asist Monograph Series) ISBN: 1-57387-110-9

Punch, Keith F. (2005) *Introduction to Social Research: Quantitative and Qualitative Approaches*. 2nd ed. Thousand Oaks: Sage;. Chapters 1 and 2 [3 nd edition is scheduled to publish in Jan 2014]

Creswell, J. W. (current edition) *Research Design: Qualitative, Quantitative, and Mixed Methods Approaches*. Thousand Oaks, CA: Sage Publications.

Punch, K. (2007) *Developing Effective Research Proposals*, 2nd ed. Sage. Chapter 3. A general framework for developing proposals.

Kelly, D. (2009) *Methods for Evaluating Interactive Information Retrieval Systems with Users*.

Trochim, W.M.K. *Research Methods Knowledge Base* a free Web resource

Pre-seminar Exercise:

Research topic & problem statement(s)

In order to identify a worthy topic for empirical research and write good problem statement(s), the researcher must do a preliminary literature search and reading, identify a significant research *area* and select a candidate topic (problem) for empirical research.

As a first step, write a well-elaborated description of the chosen topic and clearly the problem statement(s). In addition, identify the goals and objectives of the proposed research as well as the nature of the project. Using *Goldilocks* test and *Russian* doll principle to evaluate research questions as stated.