

EDUCATION

Indiana University, Bloomington, Indiana, USA

Ph.D., Information Science, currently a candidate

- **Dissertation:** TV in the Age of the Internet: Information quality of science fiction TV fansites (described below)
- **Committee:** John C. Paolillo (chair), Howard Rosenbaum, Ying Ding, and Karen Kafadar
- **Minor:** Applied Statistics

M.I.S., 2008

Reed College, Portland, Oregon, USA

B.A., Religious Studies, 2002

- **Core subjects:** South Asian religion, epistemology, hermeneutics, ethnography
- **Advisors:** Kenneth Brashier, D. Neil Schmid

RESEARCH
AGENDA

Studying online social movements from their artifacts

My research characterizes the social structures of online communities – usually seeking somehow biased or insidious structures – using the public records and advertising that they leave behind. The work combines a social science perspective with exploratory statistical and interpretive (semiotic and hermeneutic) research methods.

DISSERTATION

TV in the Age of the Internet: Information quality of science fiction TV fansites

Large, communal, Web 2.0 information repositories on certain topics (e.g., allrecipes.com) are becoming common destinations for everyday life information seeking and creation. An important question asked by many fields is "what is the quality of information, pertinent to our field, on these sites?" While the fields of medicine, history, and philosophy have produced a considerable amount of literature of this type, little work has been done on leisure topics, to which, arguably, most amateur-made sites are devoted. This project describes the nature and quality of information on large, collectively-produced fan websites, which aim to catalog and critique a popular science fiction television franchise (i.e., Stargate). In terms of 23 contextually relevant aspects of information quality defined in the academic literature, as well as other inductively defined variables, this project compares the information available on the four sites to which Stargate fans most often contribute, each of which also use different editorial and business models, namely: GateWorld (a small volunteer commercial site), IMDb (a large for-profit commercial site), Wikipedia (a large non-profit wiki), and Wikia (a large for-profit wiki).

OTHER ONGOING
PROJECTS

Longitudinal gender and age bias in a prominent amateur new media community

Despite early hopes that the Internet would facilitate more socially equitable communication, many age-old forms of discrimination appear to have been preserved. Men are routinely aggressive towards women, experienced users harass newcomers, and young people dominate new social and entertainment media. The current study statistically examines peer scoring and reviewing behavior by over 300,000 users of a prominent new media website over a seven year period in terms of the gender and age of the users. Findings include: consistent marginalization of women by men, a competitive content

review process that few teenage men survive (but that many teenage women do withstand), and a sizable population of both men and women in their 20s who dominate content on the site.

Building a Web environment for collaborative content analysis

Besides programming and statistical tools, much empirical research that uses artifactual remains as its unit of analysis requires manual content or narrative analysis, in order to extract the artifact's meanings in context. Doing this with artifacts on the global Web is often greatly facilitated by having large and dispersed coding teams, whose members span a range of cultural, geographic, and linguistic contexts. Even small coding teams could benefit from not having to pass around data files via email. Currently no academic or commercial content analysis application adequately meets this research need. This project aims to create such a Web application.

PROFESSIONAL EXPERIENCE

Adjunct Lecturer **2005-present**
School of Library and Information Science, Indiana University, Bloomington, IN

RELATED EXPERIENCE

Logistics & warehousing information systems manager **2003-2005**
Mercer Delta (now Oliver Wyman), Portland, OR

Media archivist **2001**
Reed College Library, Portland, OR

Hardware and network technician **2000**
Micro Computer Analysts, Lexington, KY

PUBLICATIONS

Paolillo, J; Warren, J; and Kunz, B. (in press). Morphological genre analysis of amateur digital multimedia. In Mehler, A., Sharoff, S., Rehm, G., & Santini, M. (Eds.), *Genres on the Web: Corpus Studies and Computational Models*. New York: Springer.

Paolillo, J; Warren, J; and Kunz, B. (2007). Social Network and Genre Emergence in Amateur Flash Multimedia. *Proceedings of the 40th Annual Hawaii International Conference on System Sciences*, IEEE Computer Society Press, 70b.

Warren, J. (2002). Vipassana in the Pacific Northwest. Undergraduate thesis. Portland, OR: Reed College.

PRESENTATIONS

Warren, J. Longitudinal network and genre emergence in an online new media community. *28th Annual International Sunbelt Social Network Conference*. St. Pete Beach, FL. January 23, 2008.

Warren, J. A social archaeology of digital artifacts. *IU SLIS Friday Conversations talk series*. Bloomington, IN. October 12, 2007.

Warren, J. Longitudinal social network analysis of virtual community peer-review behavior. *IU SLIS Doctoral Student Research Forum*. Bloomington, IN. October 6, 2007.

- Warren, J. Text Categorization. *IU Computer Science B659 Web Mining class*. Bloomington, IN. March 8, 2007.
- Paolillo, J; Warren, J; and Kunz, B. Social Network and Genre Emergence in Amateur Flash Multimedia. *IU Informatics Network and Complex Systems Talk Series*. Bloomington, IN. February 12, 2007.
- Paolillo, J; Warren, J; Kunz, B. Social Network and Genre Emergence in Amateur Flash Multimedia. *40th Annual Hawaii International Conference on System Sciences*. Waikoloa, Big Island, Hawai'i. January 3-6, 2007.
- Warren, J. Social Network and Genre Emergence in Amateur Flash Multimedia. *IU SLIS Doctoral Student Research Forum*. Bloomington, IN. September 16, 2006.
- Paolillo, J; Warren, J; and Kunz, B. Social Network and Genre Emergence in Amateur Flash Multimedia. *26th Annual International Sunbelt Social Network Conference*. Vancouver, BC, Canada. April 24-30, 2006.
- Warren, J. A PHP-Postgres Environment for Content Analysis Coding. *IU Computer Science A548 Web Programming class*. Bloomington, IN. April 10, 2006.
- Warren, J. Representation and Similarity in Information Retrieval. *IU Education Y604 Continuous Multivariate Statistics class*. Bloomington, IN. November 20, 2006.
- Warren, J. Process Mining and the Semantic Web. *IU SLIS L597 Semantic Web class*. Bloomington, IN. November 29, 2006.
- Warren, J. Predicting Content Contributions to a Large Internet Portal. *IU Linguistics L611 Discrete Multivariate Statistics*. Bloomington, IN. December 15, 2005.
- Warren, J. On Similarity. *IU SLIS Doctoral Student Research Forum*. Bloomington, IN. September 24, 2005.
- Warren, J. Principle Components of Open Source in Government. *IU SLIS L709 Research Methods*. Bloomington, IN. April 21, 2005.

TEACHING
INTERESTS

Methods, movements, & design

- Programming, markup, and query languages
- Statistical models and quantitative research methods
- Information architecture and graphic design
- Digital media and online socio-cultural movements

TEACHING
ACTIVITY

Indiana University, Bloomington, Indiana, USA

Graduate-level courses

2005-present

Primary instructor (with no assistant)

- S532/L571 - Information Architecture for the Web: taught eight semesters
- S603/L595 - Introduction to XML: taught four semesters

Teaching assistant positions

- S561 - User Interface Design for Information Systems (Spring 2007): gave guest lectures, graded Java coding assignments, prepared Java demos and tutorials, held weekly office hours, and proctored exams.

Guest lectures

- S512 - Information Systems Design (Fall 2005): on Web project management

Undergraduate-level courses

2005-2006

Primary instructor (with no assistant)

- L401 - Computer-based Information Tools: taught the “Online Search and Retrieval” module three times and the “Network Computing” module once

UNIVERSITY
SERVICE

Indiana University, Bloomington, Indiana, USA

SLIS_PHD listserv moderator

2007-present

- Moderate a listserv for doctoral students at SLIS

Doctoral Steering Committee

2008, 2009

- While a member in 2008, reviewed issues of importance to the SLIS doctoral program. While not a member in 2009, offered recommendations during a review by the Committee of the doctoral program. The committee was comprised of the Director of the Doctoral Program, three faculty members assigned by the Dean, and two voluntary doctoral students.

Participated in faculty searches

2008

Curriculum Steering Committee

2005-2008

- Reviewed proposals for new SLIS courses. The committee was comprised of the Associate Dean, three faculty members assigned by the Dean, three elected masters students, and one voluntary doctoral student.

PEER REVIEWING
ACTIVITY

(2009, December). Reviewed an article on Twitter use by the US Congress for the *Journal of the American Society for Information Science and Technology (JASIST)*.

PROFESSIONAL
MEMBERSHIPS

Association for Library and Information Science Education (ALISE)
American Society for Information Science and Technology (ASIS&T)
International Network for Social Network Analysis (INSNA)

FELLOWSHIPS,
GRANTS, &
AWARDS

Hawaii International Conference on System Science (HICSS)

- Nominated for best paper, 2007

Indiana University

- SLIS grant for travel to ALISE, 2009
- Margaret Griffin Coffin fellowship, 2008-2009
- SLIS grants for travel to Sunbelt and ASIS&T, 2008
- Federal GAANN fellowship, 2007-2008
- SLIS grant for travel to HICSS, 2007
- Doctoral Student Research Forum: finalist for best presentation, 2006
- Chancellor’s Scholar award, 2005
- Chancellor’s fellowship, 2004-2008

CONTACT
INFORMATION

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