

Biographical Sketch

David Hendry

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A. Professional preparation

University of Guelph, Ontario, Canada	Computing & Info. Science	B.A. 1986
University of Guelph, Ontario, Canada	Computing & Info. Science	M.Sc. 1989
The Robert Gordon University, Aberdeen, UK	Computer Science	Ph.D. 1996

B. Appointments

University of Washington, <i>The Information School</i> Associate Professor (with Adjunct in <i>Department of Human Centered Design and Engineering</i>)	2008 – present
Assistant Professor	2002 - 2008
Research Scientist, <i>Terra Lycos Inc.</i> , MA	12/98 – 06/02
Research Scientist, <i>WiseWire Inc.</i> , PA	01/97 – 11/98
Research Assistant, <i>MRC Applied Psychology Unit</i> , Cambridge, UK	02/92 – 05/94

C. Selected publications

Information systems and homeless young people

- Woelfer, J. P., & Hendry, D. G. (submitted). Ecological considerations and the use of information systems by homeless young people.
- Woelfer, J. P. and Hendry, D. G. (accepted). Designing for Homeless Young People: Precaution in Ubiquitous Computing. To be presented at the *11th International Conference on Ubiquitous Computing, Globi-Comp Workshop*, Taking Ubicomp Beyond Developed Worlds (Orlando, Florida, September 30 - October 3). [Peer reviewed position paper]
- Woelfer, J. & D. G. Hendry (in press). Stabilizing homeless young people with information and place. *Journal of the American Society for Information Science and Technology*.
- Woelfer, J. & D. G. Hendry (2009). Creating a community technology center for homeless young people: Preliminary experience report. To be presented at *The 8th International Conference on Interaction Design and Children, Workshop on Digital Technologies and Marginalized Youth: Reducing the Gap* (Como, Italy, June 30-2009). [Peer reviewed position paper]
- Woelfer, J. P., Yeung, M. W-M., Erdmann, C. G., & Hendry, D. G. (2008). Value considerations in an information ecology: Printed materials, service agencies, and homeless young people. In A. Grove (Ed.), *Proceedings of the 71st Annual Meeting of the American Society for Information Science and Technology* (ASIST AM '08) (pp. 248-256). Silver Spring: ASIS. [Peer reviewed short paper]

Design concepts and sensibilities for information systems

- Nathan, L., B. Friedman & D. G. Hendry (2009, July-August). Information system design as catalyst: Human action and environmental sustainability. *ACM interactions*, XVI (4), 6-11.

- Hendry, D.G. & B. Friedman (2008). Theories and practice of design for interactive systems: Eight design perspectives in ten short weeks. *Proceedings of the 7th ACM Conference on Designing interactive Systems, DIS'08* (pp. 435-444). New York: ACM Press.
<http://doi.acm.org/10.1145/1394445.1394492>
- Hendry, D. G. (2008). Public participation in proprietary software development through user roles and discourse. *International Journal of Human-Computer Studies* (Special issue on collaborative and social aspects of software development), 66(7), 545-557. [10.1016/j.ijhcs.2007.12.002](https://doi.org/10.1016/j.ijhcs.2007.12.002)
- Hendry, D. G. & E. N. Efthimiadis (2008). Conceptual models for search engines. In A. Spink & M. Zimmer (Eds.), *Web Search: Interdisciplinary Perspectives* (pp. 277- 308). Berlin: Dordrecht: Springer.
- Hendry, D.G. (2006). Sketching with conceptual metaphors to explain computational processes. In *Proceedings of IEEE Symposium on Visual Languages/Human-Centric Computing 2006*, September 4-7, 2006, Brighton, UK (pp. 95-102). IEEE Computer Society Press.
http://faculty.washington.edu/dhendry/docs/sketching_brighton.pdf
- Hendry, D.G. (2004). Communication functions and the adaptation of design representations in interdisciplinary teams. *Proceedings of ACM Conference on Designing Information Systems, DIS'04* (pp. 123-132). ACM Press. <http://portal.acm.org/citation.cfm?doid=1013115.1013133>

Design and implementation of information systems

- Hendry, D.G. & A. Carlyle (2006). Hotlist or Bibliography? A Case of Genre on the Web. In *Proceedings of the 39th Annual Hawaii International Conference on System Sciences* (CD/Rom), Track 3: Digital Media: Genres of Digital Documents, January 4-7, 2006, Computer Society Press, 2006.
http://faculty.washington.edu/dhendry/docs/hicss_final.pdf
- Hendry, D.G., J.R. Jenkins & J.F. McCarthy (2006). Collaborative bibliography. *Information Processing & Management*, 42(3), 805-825. <http://dx.doi.org/10.1016/j.ipm.2005.05.007>
- Hendry, D.G. & Harper, D.J. (1997). An informal information-seeking environment. *Journal of American Society of Information Science* (Special Issue on Human-Computer Interaction), 48(11), 1036-1048.
[http://dx.doi.org/10.1002/\(SICI\)1097-4571\(199711\)48:11<1036::AID-ASI6>3.3.CO;2-E](http://dx.doi.org/10.1002/(SICI)1097-4571(199711)48:11<1036::AID-ASI6>3.3.CO;2-E)
- Hendry, D. G. & D. J. Harper (1996). An architecture for implementing extensible information-seeking environments. In H.-P. Frei, D. Harman, P. Schauble & R. Wilkinson (Eds.), *Proceedings of the 19th Annual International ACM SIGIR Conference on Research and Development in IR* (pp. 94-100). New York: ACM Press.
<http://doi.acm.org/10.1145/243199.243236>

D. Synergistic Activities

(1) Innovation in teaching – Developed a graduate course on theories and practice in design of information systems and taught course to students from the Information School, Medical Informatics, Computer Science and Engineering, Geography, and other fields. The course curriculum was contributed to the Human-Centered Computing Education Digital Library maintained by Georgia Tech and selected for “Editor’s Choice.” **(2) Courses taught, 2002-2009** – *a) Bachelor of Science in Informatics*: Database Management and Information Retrieval; Advanced Database Design; Design Methods for Interaction and Systems; Information Visualization & Aesthetics; Informatics Capstone. *b) Masters of Science in Information Management*: Information Systems, Architectures and Retrieval; Design methods for Interaction and Systems; *c) Masters of Library and Information Science*: User Interface Design and Evaluation; Database Applications Development; *d) Ph.D. in Information Science*: Theories and Practice of Design for Information Systems; User-Centered Information System Design; Theoretical Foundations of Information Science. **(3) Teaching award** – Won the PROF teaching award for outstanding teaching in the Information School (2008). **(4) Public service** – Created a community technology center for homeless youth, developed curricula, and volunteer as instructor and coach (2008-present).