CAROL JEAN GODBY

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EDUCATION

2002 Doctor of Philosophy, Department of Linguistics, Ohio State University – Columbus, OH
Dissertation: *A Computational Study of Lexicalized Noun Phrases in English*.
1982 Master of Arts, Department of Linguistics, Ohio State University – Columbus, OH
1977 Bachelor of Arts, Department of German, University of Delaware – Newark, DE
Advanced undergraduate coursework in computer science, Ohio State University, 1986-88.
OCLC-sponsored workshops on project and talent management, 2004-present.

CURRENT POSITION

Research Scientist, OCLC Research. Formulating and directing research projects with colleagues at OCLC and in the library science community, with a focus on automated content analysis that produces research prototypes, open source software, improvements to national and international standards, and enhancements to OCLC's products and services. Primary responsibility for the *Metadata Schema Transformation* project, which aims to create data models and software tools that ease the task of translating between metadata standards. Software developed for this project has been incorporated into many OCLC products and services, including the WorldCat API, OCLC Metadata Services for Publishers, Connexion, and the Digital Collection Gateway. A public demo is also available.

PREVIOUS EXPERIENCE

Research scientist career track, OCLC: 1992-present.
Software engineer career track, OCLC: 1988-1992.
Computer assistant instruction programmer, Ohio State University: 1984-1988.
English as a Second Language instructor, Ohio State University: 1982-1984.

FUNDED RESEARCH

Extracting Metadata for Preservation, 2007-2010. Funded by the National Digital Information Infrastructure and Preservation Program, John Unsworth and Beth Sandore, co-principal investigators. OCLC's portion of the grant was $50,000, plus an in-kind match.

PROFESSIONAL SERVICE

Reviewer: OCLC/ALISE Library & Information Science Research Grant Program, 2005-2009; IMLS National Leadership grant program, 2007.
OCLC Liaison: The IMLS Digital Collections and Content project, Carole Palmer, principal investigator; 2007-2010.
Referee: Association for Information Science and Technology; European Conference on Digital Libraries; Journal of Digital Information; Transactions of the Association of Computing Machinery.
Member: The American Library Association; the Book Industry Study Group.

SELECTED PUBLICATIONS AND PRESENTATIONS

Godby, Carol Jean and Geri Ingram, in preparation. "Improving Access to Digitized Collections." Accepted for presentation at OAI7, Geneva, Switzerland, August 22-24, 2011.

Godby, Carol Jean, in preparation. *Mappng Relationships in ONIX 3.0 and MARC 21.*

Godby, Carol Jean and Devon Smith, in preparation. "Extracting Names and Roles of Performers, Producers, Editors, Educational Consultants, and Other Contributors from Bibliographic Metadata. "

Godby, Carol Jean, 2010. "From Records to Streams: Merging Library and Publisher Metadata." In *DC-2010: Proceedings of The International Conference on Dublin Core and Metadata Applications*, ed. Diane I. Hillman, and Michael Lauruhn, 138-149. Online at: http://dcpapers.dublincore.org/ojs/pubs/article/view/1033.

Godby, Carol Jean, 2010. "Mapping Bibliographic Metadata." Presentation to the OCLC Update, American Library Association 2010 Annual Conference, Washington, D.C. ,USA; also presented to the 2010 New England Technical Service Librarians Conference. Online at: http://www.oclc.org/research/activities/schematrans/ala2010.pptx.

Godby, Carol Jean, 2010. *Mapping ONIX to MARC*. Report and crosswalk produced by OCLC Research. Online at http://www.oclc.org/research/publications/library/2010/2010-14.pdf and at EDItEUR.org (http://www.editeur.org/96/ONIX-and-MARC21/).

Godby, Carol Jean, Patricia Hswe, Larry Jackson, Judith Klavans, Lev Ratinov, and Dan Roth, 2010. "Who's Who in Your Digital Collection: Developing a Tool for Name Disambiguation and Identity Resolution." *Proceedings of the Chicago Colloquium on Digital Humanities and Computer Science*, 1(2). Online at: https://letterpress.uchicago.edu/index.php/jdhcs/article/view/58.

Godby, Carol Jean, Patricia Hswe, and Judith Klavans, 2009. "Name This! Automating Metadata Extraction through a Named Entity Recognition Tool." Presented to the Digital Library Federation Spring Forum; Raleigh, North Carolina, USA.

Godby, Carol Jean, Devon Smith, and Eric R. Childress, 2008. "Encoding Application Profiles in a Computational Model of the Crosswalk." In *Metadata for Semantic and Social Applications: Proceedings of the International Conference on Dublin Core and Metadata Applications*. Göttingen: Niedersächs. Staats- und Univ.-Bibliothek. Online at: http://www.worldcat.org/oclc/316277045?page=viewport.

Godby, Carol Jean, Devon Smith, and Eric R. Childress, 2008. "Toward Element-level Interoperability in Bibliographic Metadata." *The Code4Lib Journal* 2 (2008-03-24). Online at: http://journal.code4lib.org/articles/54.

Godby, Carol Jean, Jeffrey A. Young, and Eric Childress, 2004. "A Repository of Metadata Crosswalks." *D-Lib Magazine.* 10 (12). Online at: http://www.dlib.org/dlib/december04/godby/12godby.html.

Godby, Carol Jean, 2004. "What Do Application Profiles Reveal about the Learning Object Metadata Standard?" *Ariadne*. Online at: http://www.ariadne.ac.uk/issue41/godby/.

Godby, Carol Jean, Devon Smith, and Eric Childress, 2003."Two Paths to Interoperable Metadata." Dublin, Ohio: OCLC. Presented to the 2003 Dublin Core Conference, Seattle, Washington, USA. Online at: http://www.oclc.org/research/publications/archive/2003/godby-dc2003.pdf.

Godby, Carol Jean, Rex Wallace, and Cathy Jolley. 1982. *Language Files: Materials for an Introduction to Language and Linguistics,* Ohio State University Press.

Qin, Jian and Carol Jean Godby, 2003."Incorporating Educational Vocabulary into Learning Object Metadata Schemes." Presented to The European Conference on Digital Libraries, Trondheim Norway.

Weibel, Stuart, Eric Miller, Jean Godby, and Ralph LeVan, 1995. "An Architecture for Scholarly Publishing on the World Wide Web." *Computer Networks and ISDN Systems, 28(1), Selected papers from the Second World-Wide Web Conference*, 239-245.

Weibel, Stuart, Jean Godby, Eric Miller, 1994. "OCLC/NCSA Metadata Workshop Report." Online at: http://dublincore.org/workshops/dc1/report.shtml.