

Acknowledgements

This study would not have been possible without the contributions of many, many people and organizations. First and foremost, my thanks to all those standards warriors who volunteer their time in the pursuit of the social and technical agreements we call standards. I am appreciative of all the members of the Z39.50 Implementors Group (the ZIG) who welcomed me into their meetings, and especially those whom I interviewed and who gave me opportunities to listen and learn. The Library of Congress and the Z39.50 Maintenance Agency housed there, the Council on Library Resources, and the National Information Standards Organization (NISO), and the NISO archives at the University of Maryland offered primary source material, the fodder on which I could begin documenting the complex history of Z39.50 evolution.

My dissertation committee, Jeffrey Katzer and Barbara Kwasnik, provided intellectual support, constructive criticism, and encouragement as I moved through this research. Additional readers Henriette Avram, Stuart Sutton, and Fay Turner, provided insights and helped correct major and minor inaccuracies in the text. Thank you.

Chuck McClure—advisor, mentor, and colleague—offered the guidance to keep me on track and the freedom to explore, learn, and grow. I'm forever grateful for his generous sharing of his most valuable resource, time, to help me move forward. Thank you.

Finally, a special thank you to Henriette Avram, Pat Harris, and Sally McCallum, three people who opened my eyes and mind to the importance, excitement, and challenges of standards and their development.