James E. Andrews, Ph. D.

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Academic Appointments

Director, School of Information (iSchool), College of Arts and Sciences, University of South Florida, May 2009 to August 2021.

Interim Director, School of Mass Communications, College of Arts and Sciences, University of South Florida, March 2013 to May 2014.

Associate Professor, School of Library and Information Science, College of Arts and Sciences, University of South Florida, August 2008 – Date.

Assistant Professor, School of Library and Information Science, College of Arts and Sciences, University of South Florida, August 2004 – 2008.

Associate Primary Member, Communications Graduate Faculty, College of Communication and Information Studies, University of Kentucky. Spring 2001 – Summer 2004.

Assistant Professor, School of Library and Information Science, College of Communications and Information Studies, University of Kentucky. January 2000 – Summer 2004.

Education

Doctor of Philosophy, Information Science. University of Missouri—Columbia, School of Information Science and Learning Technologies, December 2000.

National Institutes of Health—National Library of Medicine, Pre-doctoral Medical Informatics Fellow. University of Missouri—Columbia, Health Informatics Training Program, School of Medicine, Department of Health Management and Informatics, June 1997 to December 1999.

Master of Arts, Library Science (*Beta Phi Mu*). University of Missouri—Columbia, School of Information Science and Learning Technologies, May 1997.

Bachelor of Science, Liberal Arts. University of the State of New York, May 1993.

Publications

Book

Richesson, R. L. & Andrews, J. E. (Eds). (2019) *Clinical Research Informatics*. Springer-Verlag: London, 2nd ed.
Richesson, R. L. & Andrews, J. E., (Eds). (2012) *Clinical Research Informatics*. Springer-Verlag: London.

Book Chapters

Andrews, J. E., Johnson, J.D., & Eldredge, C. (2019). The evolving roles of consumers. In R. Richesson & J.E. Andrews (Eds). *Clinical Research Informatics* (pp.123-146). Springer-Verlag: London 2nd ed.

Richesson, R. L. & Andrews, J.E. (2019) Introduction to Clinical Research Informatics. In, R. Richesson & J. Andrews (Eds.), *Clinical Research Informatics* (pp. 3-15). Springer-Verlag: London, 2nd ed.

Andrews, J.E. & Shereff, D. (2014) Information Retrieval. In Huber, J. T. & Feili T. (Eds). *Health Librarianship: An Introduction* (pp. 151-170). Libraries Unlimited: Santa Barbara, CA.

Peer-reviewed Publications

Submitted

Yoon, J, Andrews, JE, and Ward, H. (Under Review) Perceptions on adopting AI into Libraries: Public and Academic Librarians. *Library Hi Tech.*

Published

Andrews, JE, Yoon, J, and Ward, H. (2021) UTAUT as a Model for Understanding Intention to Adopt AI and Related Technologies among Librarians. *Journal of Academic Librarianship.* 47(6). https://doi.org/10.1016/j.acalib.2021.102437

Armstrong, J., Lynch, K., Virgo, K.S., Schwartz, M.D., Friedman, S., Dean, M., Andrews, J.E., Bourquardez-Clark, B. Clasen, J., Conaty, J., Parrillo, Olivia. & Sutphen, R. (2021) Utilization, timing, and outcomes of BRCA genetic testing among women with newly diagnosed breast cancer from a national commercially insured population: The ABOARD study. *JCO Oncology Practice, 172: e226-e235*.

Yoon, J., Chung, E., Hagen, L. Heller, T., Andrews, J.E., and Scharf, R. (2019) Use of multimedia tweets in health communication: analysis of tweets on the Zika virus. *Information Research*, 24:2.

Yan S, Andrews J.E., Huang H, Cannon, P., Ping X. (2016) Reconstruction of MeSH to optimize literature retrieval and organization in stem cell research. *BMC Medical Informatics and Decision Making*, 16:54.

Armstrong J, Toscano M, Kotchko N, Friedman S, Schwartz MD, Virgo KS, Lynch K, Andrews JE, Aguado Loi CX, Bauer JE, Casares, C, Teten RT, Kondoff MR, Molina AD, Abdollahian M, Walker GS, Sutphen R. (Oct. 1, 2015). Utilization and Outcomes of *BRCA* Genetic Testing and Counseling in a National Commercially Insured Population: The ABOUT Study. *JAMA Oncology,* 1(9): 1251-1260.

Armstrong J, Toscano M, Kotchko N, Friedman S, Schwartz MD, Virgo KS, Lynch K, Andrews JE, Aguado Loi CX, Bauer JE, Casares, C, Teten RT, Kondoff MR, Molina AD, Abdollahian M, Brand L, Walker GS, Sutphen R. (2014, Sept. 12) American BRCA Outcomes and Utilization of Testing – methodology model for personalized medicine/patient-centered outcomes research in the real world. *Journal of Genetic Counseling*.

Huang, H. & Andrews, J.E. (March 2014). Racial and ethnic disparities in awareness of genetic testing Among Online Users: Internet Use, Health Knowledge and Sociodemographic Correlates. *Journal of Consumer Health on the Internet*, 18(1).

Richesson, R.L., Shereff, D.S. & Andrews, J.E. (2012). The Patient Registry Item Specifications and Metadata (PRISM) Library and a strategy for a bottom-up standardization of rare diseases patient registries and the data they collect. *Interactive Journal of Medical Research*, 1(2), e10.

Huang, H., Andrews, J.E., & Tang, J. (2012). Citation characterization and impact normalization in bioinformatics journals. *Journal of the American Society for Information Science*, 63(3), 490-497.

Lu, H., Dzwo, T., Hou, H. & Andrews, J.E. (2011). Factors influencing information-seeking intentions and support for restrictions: A study on an arsenic-contaminated frying oil event. *British Food Journal*, 113(11), 1439--1452.

Richesson, R., Shereff, D., Spisala, C., Albarracin, N., Konicek & Andrews, J.E. (2010). The use of SNOMED CT to support retrieval and re-use of question and answer sets for patient registries. *International Journal of Functional Informatics and Personalised Medicine*, Special Issue: "The Informatics of Metadata, Questions and Value Sets," 3(4), 342-365.

Richesson, R.L., Shereff, D. & Andrews, J.E. (2010). [RD] PRISM Library: Patient Registry Item Specifications and Metadata for Rare Diseases. *Journal of Library Metadata*, Special Issue: Metadata for Scientific Data, 10(2-3), 119-135.

Andrews, J.E., Shereff, D., Patrick, T.B. & Richesson, R.L. (2010). The question about questions: Is DC a good choice to address the challenges of representation of clinical research questions and value sets? In D. Hillmann & M. Lauruhn (Eds.) *Proceedings of the 2010 Int'l Conf. on Dublin Core and Metadata Applications 2010* (pp. 88-93). Dublin Core Metadata Initiative.

Lu, H., Hou, H., Dzwo, D., Wu, Y., Andrews, J.E., Wang, S., Lin, M.C., & Lu, J. (2010). Factors influencing intention to take precautions to avoid consuming food containing dairy products: Expanding the Theory of Planned Behavior. *British Food Journal*, 112(9), 919-933.

Lu, H, Andrews, J.E., & Hu, H. (2009). Optimistic Bias, information-seeking and intention to undergo prostate cancer screenings: A Taiwan study on male adults. *Journal of Men's Health*, 6(3), 183-190.

Andrews, J.E., Patrick, T.B., Richesson, R. L., Brown, H. & Krischer, J. P. (2008). Comparing heterogeneous SNOMED CT coding of clinical research concepts by examining normalized expressions. *Journal of Biomedical Informatics*; 41, 1062-1069.

Lu, H., Andrews, J.E., Hou, H., Chen, S. Y. Tu, Y. & Yu. Y. (2008). Factors affecting online research by nurses in Taiwan. *Online Information Review*, 32(5), 574-84.

Patrick, T., Richesson, R. L., Andrews J.E. & Folk, L. (2008). SNOMED CT coding variation and grouping of "other findings" in a longitudinal study on urea cycle disorders. *AMIA Annu Symp Proc.* 2008 (pp. 11-5).

Andrews, J.E., Richesson, R. & Krischer, J. (July/August 2007). Variation of SNOMED CT coding of clinical research concepts among coding experts. *Journal of the American Medical Informatics Association*, 14(4), 497-506.

Lu, H., Case, D.O., Lustria, M., Kwon, N., Andrews, J.E., Cavendish, S. & Floyd, B.R. (2007). Predictors of information seeking online by international students when disaster strikes. *Cyberpsychology & Behavior*, 10(5), 709-12.

Harrington, N., Witte, F., Norling, G., Taylor, J.A., & Andrews, J.E. (2007). The effects of communication skills training on pediatricians' and parents' communication during "sick child" visits. *Health Communication*, 21(2), 105-114.

Kelly, K.M., Andrews, J.E., Case, D.O., Allard, S. Johnson, J.D. (2007) Information seeking and intentions to have genetic testing for hereditary cancers in rural and Appalachian Kentuckians. *Journal of Rural Health*, 23(2), 166-172.

Richesson, R., Andrews, J.E. & Kirscher, J. (2006). Use of SNOMED CT to represent clinical research data: A semantic characterization of data items on case report forms in vasculitis research. *Journal of the American Medical Informatics Association* 13(5, Sep/Oct), 536-546.

Lu, H. Y., & Andrews J. E. (2006). College students' perception of the absolute media credibility about SARS-related news during the SARS outbreak in Taiwan. China Media Research, 2, 85-93.

Johnson, J.D., Case, D. O., Andrews, J.E. & Allard, S. (2006). Fields and pathways: Contrasting and/or complementary views of information seeking. *Information Processing and Management*, 42(2), 569-82.

Andrews, J.E., Johnson, J.D., Case, D.O., Allard, S. & Kelly, K. (2005) Intention to seek information on cancer genetics. *Information Research*, 10(4), paper 238.

Case, D.O., Andrews, J.E., Johnson, J.D. & Allard, S. (2005) Avoiding versus seeking: the relationship of information seeking to avoidance, blunting, coping, dissonance and related concepts. *Journal of the Medical Library Association*, 93(3), 48-57.

Andrews, J.E., Pearce, K., Ireson, C. & Love, M. (2005). Information seeking behaviors of practitioners in a primary care practice-based research network (PBRN). *Journal of the Medical Library Association*, 93(2), 206-212.

Johnson, J.D., Case, D. O., Andrews, J.E., & Allard, S. (2005). Genomics: The perfect information seeking research problem. Journal of Health Communication, 10, 323-329.

Andrews, J.E., Pearce, K., Ireson, C. & Sydney, S. (2004). Current state of information technology use in a U.S. primary care practice-based research network (PBRN). *Informatics in Primary Care*, 12(1), 11-18.

Case, D.O., Johnson, J.D., Andrews, J.E., Allard, S.L. and Kelly, K.M. (2004). From two-step flow to the Internet: The changing array of sources for genetics information seeking. *Journal of the American Society for Information Science and Technology*, 55(8), 660-669.

Andrews, J.E. (2003). An author co-citation analysis of medical informatics. *Journal of the Medical Library Association*, 91(1), 47-56.

Johnson, J. D., Andrews, J. E., & Allard, S. (2001). A model for understanding and affecting genetics information seeking. *Library and Information Science Research*, 23(4), 335-349.

Sable, J., Carlin, B., Andrews, J. E., & Sievert, M. (2000). Creating local bibliographic databases: New tools for evidence-based health care. *Bulletin of the Medical Library Assoc.*, 88(2), 139-44.

Benoit, G. & Andrews, J. E. (presenter). (2000). Data discretization for novel resource discovery in large medical data sets. Proceedings of the *American Medical Informatics Association (AMIA) Annual Symposium Proc.*, 61-65.

Patrick, T. B., Sievert, M., Ries, J., Popescu, M., Andrews, J. E., & Reid, J. (1999). Clustering terms in health care terminologies. *Proceedings of the 62nd Annual Meeting of the American Society for Information Science*, 36, 365-372.

Andrews, J. E. & Schweibenz, W. (1998). A New Medium for Old Masters: The Kress Study Collection Virtual Museum Project. *Art Documentation*, 17(1), 19-27.
(Winner of the 1996 Gerd Muesham Award, Art Librarians Society of North America)

Wening, T., Dooley, M., Andrews, J. E., Larsen-Marshall, K., & Martin, C. (1997). Impact of Internet Access on Missouri Public Libraries: Project REAL. *Missouri Library World*, 2(3), 33-35.

Patrick, T. B., Andrews, J. E., Moxley, D., & Craven, C. C. (1998). A smart catalog system for enterprise information management. *Proceedings of the World Multi-Conference for Systemics, Cybernetics, and Informatics, SCI '98*.

Peer-reviewed Proceedings

Rorissa, A., Federer, L., Hagen, L. Kim, J. and Andrews, J. (18 Oct 2019) Data Science Research and Practice: High Time for Synergy. Panel, ASIST Annual Meeting, Melbourne, Australia. *Proceedings of the Association for Information Science and Technology,* 56(1): 536-537.

Hagen, L., Andrews, J., and Federer, L.(18 Oct 2019) Data Science Education and Information Science Schools. Panel, 2019 ASIST Annual Meeting, October 19-23, Melbourne, Australia. *Proceedings of the Association for Information Science and Technology,* 56(1): 575-577.

Hagen, L., Andrews, J.E., Zamir, H., & Hamerly, D. Undergraduate Data Science Education in iSchools: Current Practices and Future Directions. 2019 iConference, Washington, D.C., March 31-April 3, 2019.

Andrews, J.E. & Borum, R. (2018). Information Science as a Foundation for a STEM-based Intelligence Studies Curriculum. iConference, Manchester, UK, March 25-29, 2018.

Lu, H., Hou, H., Dzwo, D., Wu, Y., Andrews, J.E., Wang, S., Lin, M., & Lu, J. (2009). *Factors Influencing Intention to Take Precautious Behavior Regarding the Consumption of Milk-made Products: Expanding the Theory of Planned Behavior.* Presented at the National Communication Association, 2009 Annual Conference.

Gregory, V.L., Andrews, J.E. & Johnson, W. (2006). *The USF/COB distance education project.* Presented at the 36th Annual ACURIL (Association of Caribbean University Research and Institutional Libraries) Conference, Aruba, May 29-June 3, 2006.

Lu, H. Y., Lustria, M. L. A., Case, D. O., Andrews, J.E., Kwon, N., Cavendish, S., & Floyd, B. R. (2006). What influences international students' disaster-related information seeking online if a disaster hits their country? Paper presented at 2006 ALISE Annual Conference, San Antonio, Texas.

Norling, G., Harrington, N. G., McClure, L., & Andrews, J. E. (2003, October 24-27). *A communication skills educational intervention for parents of pediatric patients who may need antibiotics and the physician treating the pediatric patient.* Paper presented at the International Conference on Health Promotion, Atlanta, GA.

Andrews, J.E., Johnson, J.D. & Allard, S. (2002, May). *New perspectives and challenges of genetics information seeking.* Paper presented at the 2002 Medical Library Association Annual Meeting, Dallas, TX.

Benoit, G. & Andrews, J. E. (presenter) (2002, July). *Applying communicative action to inter-group reconciliation.* Paper presented for the Philosophy of Communication Division of the 52nd Annual Conference of the International Communication Association, Seoul, South Korea.

Case, D., Johnson, J. D., Andrews, J. E., & Allard, S. (2002, July). *How information seeking models and theories portray the avoidance of information.* Paper presented for the Health Communication Division of the 52nd Annual Conference of the International Communication Association, Seoul, Korea. (Top three paper award)

Andrews, J. E., Patrick, T. B., Bowen, J. W., Craven, C., & Moxley, D. E. (1998, May). *A virtual library to serve organizational workflow.* Paper presented at the 1998 American Medical Informatics Association Spring Congress, Philadelphia, PA.

Invited Book Foreword
Andrews, J.E. (2014). Foreword. In R. Balleste, S. Luna-Lamas & L. Smith-Butler (Eds.) Law Librarianship in the Twenty-First Century (pp. vii-ix). Lanham, MD: The Scarecrow Press.

Invited Presentations/Panels
Andrews, J.E. (March 7, 2013) The Evolving Role of Consumers in the Age of Personalized Medicine: Implications for Information Behaviors Research. Keynote presenter, 2013, Progress in Library and Information Science in Southern Africa (ProLISSA) conference, March 5-8, University of South Africa, Pretoria.

Andrews, J.E. (June 16, 2011) *Information Trends and Challenges in Clinical Research: Information Work in a Translational World.* Presented to the Shanghai Information Center for Life Sciences, Chinese Academy of Science.

Andrews, J. E. (April 19, 2007) *Library and Information Science in Health Contexts: Health Information and Technology in Support of Consumers and Decision-makers.* USF College of Arts and Sciences, "Lunch with a Scholar" Series, 30th anniversary.

Arnott-Smith, C., Andrews, J.E., MacCall, S. & Patrick, T. (2006) *Biomedical Informatics and LIS: Integration of the Interdisciplinary.* Invited speaker, 2006 ALISE Annual Meeting.

Andrews, J.E. & Pearce, K.P. (2004). *Medical informatics in primary care: Where we are now and what the future holds.* Presented at the Fourth Annual Kentucky Ambulatory Network Convocation, March 26-27, 2004, Lexington, KY.

Andrews, J.E., Ireson, C. & Smalley, C. (2003) *How Might KAN help YOU with Information Technologies?* Panel, Third Annual Convocation of the Kentucky Ambulatory Network, Lexington, KY.

Posters (Juried or Peer-reviewed)

Lam, C., Eldredge, C., Andrews, J.E. and Perkins, R. (2019). Adverse Contrast Media Event Documentation: A Cancer Center Perspective. Poster presented at the AMIA Clinical Informatics Conference, April 30 – May 2, 2019, Atlanta, GA.

Andrews, J.E., Eldredge, C, and Cooperman, (2017) Building An Institute For Health Sciences Information (Ihsi): Connecting Education, Industry, And Research. Poster presented at the AMIA InSpire 2017: Developing the Health Informatics Workforce of the Future conference, La Jolla, CA, June 6-8, 2017.

Huang, H., Yu, H., Andrews, J.E., Yoon, J., Burgess, K. (2017). Uncovering Hidden Behavioral Patterns in the Era of "We Media": Modeling Spatio-Temporal Dynamics for Twitter. Accepted for presentation as a poster at the 2017 iConference, March 22-25, 2017, Wuhan, China.

Huang, H., Andrews, J.E., Cannon, P.,Yoon, J., Pearce, F.W., Cho, M. & Chung, E. (Sept. 24-27, 2013). Twitter activity following the Supreme Court gene patent decision. Poster presented at the Consumer Genetics Conference, Boston, MA.

Cannon, P., Andrews, J.E., & Huang, H. (Sept. 24-27, 2013). Information behaviors of women at risk for HBOC who have undergone BRCA testing. Poster presented at the Consumer Genetics Conference, Boston, MA.

Sutphen, R., Bauer, J.E., Virgo, K.S., Casares, C. Walker, G. Schwartz, M.D., Armstrong, J. Friedman, S., Lynch, K., Andrews, J.E., Aguado-Loi, C., Toscano, M., Kotchko, N., Teten, R.T., Kondoff, M., Brand, L. Molina, A. (2012, June 1-5). *American BRCA outcomes and utilization of testing (ABOUT) study.* Poster presentation for the 2012 American Society of Clinical Oncology Annual Meeting, Chicago, IL.

Guillette, H., Shereff, D., Andrews, J.E., Spisla, C.M., Albarracin, N., Konicek, D. & Richesson, R.L. (2012, February). *PRISM: A shared resource for global data standards in patient registries*. Poster presented at the 2012 International Conference on Rare Diseases & Orphan Drugs, Tokyo, Japan.

Richesson, R.L., Shereff, D., Lloyd, J., Guillette, H. Paulus, K., Andrews, J.E., Merkel, P.A., Clowse, M., Harris, J., Cuthbertson, D., Leduc, R. & Krischer, J.P. (2012, February). *Patient registries to support research in rare diseases—experience from the Rare Disease Clinical Research Network*. Presented at the 8th Annual World Symposium of the Lysosomal Disease Network, San Diego, CA.

Shereff, D., Andrews, J.E., Graves, A. & Richesson, R.L. (2011, October). *Promoting the use of standard questions in patient registries: A library of questions related to Rare Diseases*. Presented at the Annual Meeting of the American Society for Information Science and Technology, New Orleans, LA.

Richesson, R. L. Shereff, D. & Andrews, J.E. (2010, March). *A tool for achieving standard questions for patient registries: PRISM (Patient Registry Item Specifications and Metadata)*. Poster presented at the 2010 International Conference on Rare Disease, Buenos Aires, Argentina.

Richesson, R.L., Andrews, J.E., Shereff, D., Konicek, D., Hafeza, E., & Moldwin, R.L. (2010, March). *[RD] PRISM Library: Patient Registry Item Specifications and Metadata for Rare Diseases*. Poster presented at the American Medical Informatics Association, Clinical Research Informatics Summit, San Francisco, CA.

Patrick, T.B. & Andrews, J.E. (2009, November). *Macroinformatics and Microinformatics, and the dialectic of health*. Poster presented at the American Medical Informatics Association, Annual Symposium 2009, San Francisco, CA.

Andrews, J.E., Pearce, K. & Ireson, C. (2005, March).*Use of, and barriers to the use of, information resources in practices*. Poster presented at the 2005 Kentucky Ambulatory Network Annual Convocation, March 2005.

Case, D.O. & Andrews, J.E. (2004, November). *Tracking health information sources and care decisions of participants in a university health plan: study design and preliminary results*. Poster presented at the 2004 American Society of Information Science and Technology (ASIST) Annual Meeting, Providence, RI.

Benoit, G., Chan, L-M & Andrews, J.E. (2004). *LOIS: Locally-Organized Information Systems*. Poster presented at the 2004 Information Seeking in Context (ISIC) Conference. Lisbon, Portugal.

Kelly, K., Andrews, J. E., Case, D., Allard, S., Johnson, J. D. (2003, September). *Familial cancer in Appalachia:Genetic testing intentions*. Poster presented at the annual meeting of the National Society of Genetic Counselors, Charlotte, NC.

Benoit, G. & Andrews, J.E. (2002, November). *A markov chain model for evidence-adaptive clinical decision support systems*. Poster presented at the 2002 American Medical Informatics Association Annual Symposium, San Antonio, TX.

Case, D. O., Johnson, J. D., Andrews, J. E., & Allard, S. (2002, September). *Avoiding, blunting, coping and distracting: How not seeking information is addressed in*

information seeking models and theories. Poster presented at the 2002 Information Seeking In Context (ISIC) Conference, Lisbon, Portugal.

Allard, S. & Andrews, J. E. (2002, May). *Using knowledge management to facilitate medical research.* Poster presented at the Medical Library Association Annual Meeting, Dallas, TX.

Benoit, G. & Andrews, J. E. (2002, May). *Interactive visualization for resource co-location.* Poster presented at the Medical Library Association Annual Meeting, Dallas, TX.

Allard, S., Johnson, J. D. & Andrews, J. E. (2001, November). *A model for understanding and affecting cancer genetics information seeking.* Poster presented at the Annual American Society for Information Science and Technology (ASIS&T) Conference, Washington, D. C.

Patrick, T. B., Andrews, J. E., Ries, J., Sievert, M., Budd, J. M., Harris, K., et al. (1999, November). *Managing knowledge networks.* Poster presented at the American Medical Informatics Association Annual Symposium, Washington, D. C.

Andrews, J. E., Patrick, T. B., Moxley, D. E., Meyer, C., Popescu, M., & Sievert, M. (1998, November). *Using co-occurrence data to determine a thesaurus structure.* Poster presented at the AMIA Annual Symposium, Orlando, FL.

Bowen, J. W., Andrews, J. E., Morton, B., & Patrick, T. B. (1998, November). *Patient control over access to their own medical information.* Poster presented at the American Medical Informatics Association Annual Symposium, Orlando, FL.

Krishna, S., Andrews, J. E., Craven, C. K., & Patrick, T. B. (1998, November). *An analysis of MEDLINE indexing of the medical informatics literature.* Poster presented at the American Medical Informatics Annual Symposium, Orlando, FL.

Patrick, T. B., Andrews, J. E., Allen, G. K., & Wedman, J. (1998, June). *An evidence-based tool for health administration educator CQI.* Poster presented at the Association of University Programs in Health Administration Annual Meeting, Washington, D.C.

Patrick, T. B., Reid, J. C., Sievert, M., Andrews, J. E., Meyer, C. M., & Popescu, M. (1998, Philadelphia). *Determining locally preferred expressions for standard clinical concepts.* Poster presented at the AMIA Spring Congress, Philadelphia, PA.

Patrick, T. B., Andrews, J. E., Asaro, P. V., & Sable, J. H. (1998, November). *Performance measures of information transfer in healthcare organizations.* Paper presented at the Decision Sciences Institute Annual Meeting, Las Vegas, NV.

Invited Book Reviews

Andrews, J.E. (2007). Brophy, Peter. *Measuring Library Performance: Principles and Techniques.* London: Facet Publishing, 2006, 242 p. £39.95. ISBN-13-978-1-85604-593-3; ISBN-10 1-85604-593-5. Book review in *Journal of the Medical Library Association*, 95(4); 464.

Andrews, J. E. (2007) *New Directions in Cognitive Information Retrieval*. Edited by Amanda
    Spink and Charles Cole. Dordrecht, Netherlands: Springer, 2005. *Book Review in Library and
    Information Science Research*, 29(1); 146-147.

Research (Funded Grants and Projects)

Current

Association for Library and Information Science Education (ALISE) Research Grant Competition
PI: James Andrews and Jungwon Yoon   2020
Funding: $5,000
"EXPLORING BEST PRACTICES FOR PREPARING LIBRARIANS IN ADOPTING
ARTIFICIAL INTELLIGENCE INTO LIBRARIES"

National Security Agency/DoD
PI: Randy Borum; Co-PI James Andrews   08/01/2019 – 07/30/2021
Funding: $37,400
USF/CYBER FLORIDA DoD CYBERSECURITY SCHOLARSHIP PROGRAM (CySP)
Provide full-ride scholarships and living stipend for concentrated studies in cybersecurity and other
cyber-related disciplines. Selected students (CyberScholars) agree to serve one year of service to the
DoD, upon graduation, for each year or partial year of scholarship received, in addition to an
internship.
Role: Co-PI

Compleete

NIH, NCI: 1R01CA172743-01
PI: Rebecca Sutphen   01/30/2013 to 12/31/2017
Funding (First Year): $430,684
"IMPACT OF BRCA TESTING ON NEWLY DIAGNOSED U.S. BREAST CANCER
PATIENTS"
Role: Co-Investigator
This built upon the ABOUT study by leveraging the same collaborative partnership and extensive
interconnecting research infrastructure between study investigators and the country's third-largest
health insurer, Aetna, Inc. (Aetna) to collect baseline and longitudinal data on a consecutive series of
5,000 newly diagnosed breast cancer patients at high risk for HBOC undergoing BRCA testing, in order
to evaluate their medical decisions and health and quality of life outcomes.
R-PPRN-1306-04846
PI: Rebecca Sutphen   1/1/14 - 6/30/2015
"ABOUT Network (AMERICAN BRCA OUTCOMES AND UTILIZATION OF TESTING
NETWORK)"
The major goal of this project is to develop a patient-powered research network of individuals with
hereditary breast and ovarian cancer syndrome and facilitate longitudinal engagement and patient
governance in research.
Role: Co-I

Aetna Insurance
"AMERICAN BRCA OUTCOMES AND UTILIZATION OF TESTING (ABOUT)"
PI: Rebecca Sutphen

The ABOUT study is focused on baseline assessment of utilization and disparities in informational and healthcare services at the time of BRCA testing in the community setting. It is based on extensive research collaboration and an innovative partnership with the nation's third-largest health insurer, Aetna Ins. ABOUT is the first study to invite people from across the country to share their experience with BRCA testing.
Role: Researcher, in-kind effort

National Institutes of Health/National Library of Medicine, Challenge Grant
 OD-09-003
Richesson and Andrews (Co-PIs)   9/30/10 - 3/1/2012
Total Direct Costs: $972,000
"PATIENT REGISTRY ITEM SPECIFICATION AND METADATA"
The primary objective of this project is to develop standardized questions for patient registries across many different rare diseases, which can be used for developing new registries and revising existing ones. The Library questions will use consistent structure and language, and the underlying data elements (i.e., questions + answers + definitions) will be encoded using data standards that will facilitate reliable and consistent data collection and enhance opportunities for question re-use and data sharing.
Role: Co-PI

Agency for Healthcare Research and Quality (AHRQ)
R21 HS13487-01
Pearce/Andrews (Co-PIs)   9/30/2002 – 10/31/2005
Total Direct Costs: $100,000
"INFORMATICS TO ENHANCE THE KENTUCKY AMBULATORY NETWORK: IEKAN"
To enhance the computerized information and communications infrastructure of an emerging primary care practice-based research network (PBRN).
Role: Co-PI

Center for Disease Control (CDC)
E11/CCE421825-01
Perrier (PI)   Period: 9/1/2002 - 8/10/2004
Total Direct Costs: $980,000
"IMPROVING MEDICATION-RELATED OUTCOMES"
The major goals of the "communication scope" project within the overall Center project was to adapt and test a physician-patient communication education curriculum designed for adult patients or parents of pediatric patients and pediatricians to improve medication-related outcomes in relation to antibiotic prescriptions.
Role: Co-Investigator of Scope Project
RARE DISEASE CLINICAL RESEARCH NETWORK (RDCRN)
Role: Informatics Research Collaborator, 20% effort   2005-2008
Collaborated with Dr. Rachel Richesson and others in the USF Pediatric Epidemiology Center, Rare Disease Clinical Research Network (RDCRN) on informatics projects. These included studies on the application of data and vocabulary standards in distributed clinical research networks, particularly the RDCRN, and set the groundwork for publications and a grant related to this.

Ex-Officio

All Children's Hospital, USF SLIS GRADUATE ASSISTANTSHIP AWARD
Project #1248003300.

Total to Date $345,406
PI as part of Director duties, May 2009-2015

Institute for Museum and Library Services (IMLS)
"PROJECT PIPELINE: PROJECT TO INSPIRE AND PROMOTE THE EDUCATION OF
LIBRARIANS AS A NATIONAL EXAMPLE"
Total: $417,109
Role: Project Advisory Board; in-kind effort

Institute for Museum and Library Services (IMLS)
"Connecting to Collections Statewide Implementation Grant" (IMLS)
(PI) Malinda Horton, Florida Assoc. of Museums Foundation
Award: $243,000; Matching: $491,690
Role: Member, Steering Committee, in-kind

Awards

o 2020, **Alice G. Smith Lecture**, USF, School of Information.
o Association for Library and Information Science Education (ALISE) **Research Grant Competition, 2020**; Jungwon Yoon and James Andrews.
o International Communication Association, Health Communication Division, **Top Three Paper Award, 2002** (Co-awardees: Donald Case (Primary author), J. David Johnson, and Suzie Allard)
o Art Librarians Society of North America, **1996 Gerd Muesham Memorial Award** (Shared with Werner Schweibenz)
o **Beta Phi Mu**, International Honor Society for Library and Information Science, 1998
o **Navy Achievement Medal**, 1989.

Other Appointments/Training

o The Leadership Institute: Executive Transformation Program, Fellow. Class of 2012, University of South Florida, Center for Transformation and Innovation, January 2011 – March 2012.
o Research Fellow, University of South Africa, Department of Information Science, March 2012 – 2015

Teaching and Advising

University of South Florida, School of Information
Graduate
LIS 5418 – Health Informatics for Medical Librarians
LIS 5020 – Foundations of Library and Information Science
LIS 6260 – Foundations of Information Science and Technology
LIS 6271 – Research Methods in Library and Information Science
LIS 6630 – Information Sources and Services in Science and Technology
LIS 6475 – Health Sciences Libraries

Undergraduate
LIS 4785 – Introduction to Health Informatics

University of Kentucky, School of Library and Information Science

Graduate
LIS690/CJT 780 – Introduction to Medical Informatics (Cross-listed in Communication Graduate Program)
LIS640 – Health Sciences Libraries
LIS636 – Introduction to Microcomputers in Libraries and Information Agencies
LIS624 – Information in Science and Technology
LIS602 – Information Storage and Retrieval
LIS600 – Information in Society

University of Missouri—Columbia
Graduate
Q335 – Introduction to Information Science (Teaching Internship)
Computing Lab, Teaching Assistant

Graduate Committees

Doctoral Advisory Committees:

Christina Eldredge, MD, Ph.D.
University of Wisconsin – Milwaukee
Biomedical and Health Informatics Doctoral Program; Defended April 17, 2020
Dissertation: "Hypersensitivity Event Reporting in Clinical Cancer Trials: The Need for Harmonized Datasets for Future Research"

Peter Cannon, Ph.D.
University of South Florida
College of Arts and Sciences
English – Rhetoric and Compostion, Defended, October 29, 2019
Dissertation. "Taking an "Ecological Turn" in the Evaluation of Rhetorical Interventions"

Mia Lustria, Ph.D.
University of Kentucky
College of Communications and Information Studies
Defended, April 2005. Currently tenured Associate Professor, Florida State Univ.
Dissertation, "Examining the Effects of Interactivity on Comprehension and Behavioral Intentions from an Individual Differences Perspective"
Hung-yi Lu, Ph.D.
University of Kentucky
College of Communications And Information Studies
Dissertation: "Factors Affecting Intentions to Seek Information about STDs and HIV/AIDS on the Internet among Taiwanese College Students"
Defended, September 2005. Tenured faculty member in Taiwan.

Shadrack A. Katuu
University of South Africa (UNISA)

Department of Information Science
Dissertation, "Managing Records in South African Public Health Care Institutions – A Critical Analysis"
2015, External Examiner.

Mr C M Owusu-Ansah
University of South Africa (UNISA)
Department of Information Science
Dissertation, "Digital libraries for teacher education in Ghana: a case study of the University of Education, Winneba"
2017, External Examiner

Master's Thesis Chair:
Francis Odhiambo Owino
University of South Africa, Department of Information Science
Thesis: "Factors Affecting Automation of Library Operations: A Case Study of Kenya Institute of Education Library"
In progress.
Mary Barboza-Jerez, MLS
Master's Thesis, "Lack of Library Use Among Latino-Americans: An Endomethodological Study of the Psycho-Social Foundations"
Defended, May 2004

Sharon Martin, MLS
Master's Thesis: "Using a Handheld Computer to Facilitate Self-Monitoring in Weight Management"
Defended, December 2003
Jessie Powell, MLS
Master's Thesis: "Income and Service, Funding and Technology: The Issues Facing Libraries In Kentucky's Distressed Appalachian Counties"
Defended, December 2001

Professional Service

- o Association for Information Science & Technology (ASIST)
    - o Board of Directors, SIG Cabinet Director 2018-2020
    - o SIG-Health, Chair-Elect, 2016-Date; 2007-2008—Chair, SIG-MED (now SIG-Health),
    - o Program Committee 2010 Annual Meeting
    - o ProQuest Doctoral Dissertation Award, Reviewer, 2015
    - o Faculty Mentor, March 27-28, 2017, Symposium on Research Design, Paper Writing & Publishing in Information Science, Hong Kong University

- o American Medical Informatics Association (AMIA)
    - o Scientific Program Committee – 2017
    - o Annual Symposium Program Reviewer
    - o Awards Committee, Clinical Research Summit, Spring Congress, 2010

- o iSchools

- o iConference, 2017 Annual Conference, Wuhan, China, Program Committee Member and Reviewer
- o iConference, Sessions for Interactive Engagement (SIEs), Reviewer, 2016

- o Medical Library Association (MLA)
    - o 2003-2005—Chair, Medical Library Education Section, Medical Library Association
    - o 2002-2003—Secretary/Treasurer/Webmaster, Medical Library Education Section, Medical Library Association
    - o Program Planning Committee, Medical Library Association, 2004

- o Association for Library and Information Science Education (ALISE)
    - o Assoc. for Library and Information Science Education (ALISE), Doctoral Dissertation Award Committee, 2006
    - o 2004, Reviewer, Annual ALISE Meeting

- o Editorial Boards
    - o *Journal of the Korean Society for Library and Information Science*, 2021 - 2022
    - o *Journal of Education in Library and Information Science,* 2018 – Date
    - o Editorial Board, *Mousaion* (University of South Africa, Dept. of Information Science) 2011- Date
    - o Editorial Board, *Journal of the Medical Library Association*, 2002-2005
    - o Co-Editor, *International Journal of Functional Informatics and Personalised Medicine.* Special issue on "The Informatics of Metadata, Questions, and Value-sets"

- o Grant Review Panels
    - o National Institutes of Health, Center for Scientific Review, Healthcare Delivery and Methodologies (HDM) Integrated Review Group. 2017 –
    - o National Science Foundation (NSF), Grant Review Panel, Information Integration and Informatics, Information Retrieval, 2008
    - o Institute of Museums and Library Services (IMLS), Grant Review Panel, National Leadership Grants, Research and Demonstration Projects, 2005-2007

- o International Federation of Library Associations (IFLA), Delegate, Science and Technology Section
    - o Standing Committee (Medical Library Association Representative) – 2007-2011
    - o Section Secretary, 2009-2011

- o Invited Program Committee Member, Reviewer, Twelfth International Symposium on Health Information Management Research (ISHIMR), 2007 to Date.

- o Invited Reviewer:
    - *International Journal of Medical Informatics*
    - *Journal of Biomedical Informatics*
    - *Annals of Internal Medicine*
    - *Annals of Family Medicine*
    - *Journal of the American Society for Information Science and Technology*
    - *Methods of Information in Medicine*

- o Program Planning Committee/Reviewer, Kentucky Conference on Health Communication (KCHC), 2002-2004

State and Local

- o Florida Board of Governors, CIP 30 Common Prerequisite Discipline Committee; 2020 - Date
- o Florida Library Association (FLA), Executive Board, May 2009-2014
- o Tampa Bay Library Consortium (TBLC), Board of Directors, May 2009-2011

University/College

- o USF Sabbatical Leave Committee, 2020 - 2021
- o USF Faculty Senator, 2009-2015
- o USF Graduate Council, 2015-2017
- o USF Cyber Security Initiative, Council of Academic Chairs, 2013
- o USF Faculty Senate, Publications Committee, 2009-2013
- o USF Faculty Senate, Committee on Committees, 2012 – 2014
- o USF, College of Arts & Sciences, Tenure and Promotion Committee (at-large), 2012 – 2013
- o Faculty Advisor, USF Association for Information Science & Technology, Student Chapter

Military Service
- o United States Navy, Intelligence Specialist, Second Class Petty Officer, 1985-1989. Admiral's Staff, Commander Amphibious Group Two. Honorably Discharged.
  - o Operational Intelligence Analyst
  - o Intelligence Photography
- o Awards:
  - o Navy Achievement Medal
  - o Good Conduct Medal
  - o Arctic Service Ribbon