

# Julia B. Earp, Ph.D.

Department of Business Management  
College of Management  
North Carolina State University  
Raleigh, NC 27695-7229

1+919.513.1707

[Julia\\_Earp@ncsu.edu](mailto:Julia_Earp@ncsu.edu)

<http://www4.ncsu.edu/~jbearp>

---

## Education

---

### VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY

*Ph.D. in Information Technology*

*December 1997*

Dissertation Title: "Computer Network Routing with a Fuzzy Neural Network"

Dissertation Advisor: Terry Rakes

*Master of Science in Statistics*

*December 1992*

### NORTH CAROLINA STATE UNIVERSITY

*Bachelor of Science in Mathematics*

*May 1991*

*Bachelor of Science in Statistics*

*May 1991*

## Experience

---

### NORTH CAROLINA STATE UNIVERSITY

*2004 – present* Associate Professor of Information Technology, College of Management, Raleigh, N.C.

*1998 – 2004* Assistant Professor of Information Technology, College of Management, Raleigh, N.C.

*1997* Lecturer, College of Management, Raleigh, N.C.

### CISCO SYSTEMS

*2000* Faculty Intern, Internet Commerce Group, Research Triangle Park, NC.

### VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY

*1995 – 1997* Instructor, Department of Management Science and Information Technology

### HUGHES TELECOMMUNICATIONS

*1996-1997* Contract Computer Programmer with Virginia Tech project team

### VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY

*1993 – 1995* Graduate Research Assistant, Department of Management Science and Information Technology

### QUINTILES INC.

*1991-1992* Computer Programmer, Research Triangle Park, NC.

## Journal Publications

---

Bradford, M., J.B. Earp, S. Showalter and P. Williams, "Corporate Sustainability Reporting and Stakeholder Concerns: Is There a Disconnect?", *Accounting Horizons*, 31(1), pp.83-102, March 2017.

Bradford, M., J.B. Earp and P. Williams. "Sustainability reports: What do stakeholders really want?" *Management Accounting Quarterly*, Fall pp.13-18, 2014.

Bradford, M., J. B. Earp and S. Grabski. "Centralized End-to-End Identity and Access Management and ERP Systems: A Multi-Case Analysis using the Technology Organization Environment Framework, *International Journal of Accounting Information Systems*, 15(2) pp.149-165, 2014.

Antón, A., J.B. Earp and Jessica Young. "How Internet Users' Privacy Concerns Have Evolved since 2002", *IEEE Security and Privacy*, pp.21-27, January/February 2010.

Vail, M., J.B. Earp and A.I. Antón. "An Empirical Study of Consumer Perceptions and Comprehension of Website Privacy Policies," *IEEE Transactions on Engineering Management*, 55(3), pp.442-454, August 2008.

Baumer, D. L., J.C. Poindexter, J. B. Earp. "Can Regulation of Distribution of Pharmaceutical Products Coexist with Advances in Information Technology?" *Journal of Internet Law*, 11(2), pp.1, 14-24, August 2007.

Antón, A., J.B. Earp, M. Vail, N. Jain, C. Gheen and J. Frink. "An Analysis of Web Site Privacy Policy Evolution in the Presence of HIPAA," *IEEE Security and Privacy*, pp.45-52, January/February 2007.

Poindexter, J.C, J.B. Earp and D.L. Baumer. "An Experimental Economics Approach to Quantifying Online Privacy Choices," *Information Systems Frontiers*, 8(5), pp.363-374, 2006.

Earp, J.B. and F.C. Payton, "Information Privacy in the Service Sector: An Exploratory Study of Health Care and Banking Professionals." *Journal of Organizational Computing and Electronic Commerce*, 16(2), pp.105-122, 2006.

Earp, J.B., A.I. Antón, L.Aiman-Smith, W.Stufflebeam. "Examining Internet Privacy Policies within the Context of User Privacy Values." *IEEE Transactions on Engineering Management*, 52(2), pp.227-237, May 2005.

Baumer, D.L., J.C. Poindexter, and J.B. Earp, "Student Participation in Experimental Economics." *The Technology Report*, 4(1), 14, Fall 2005.

Baumer, D.B., J.C. Poindexter and J.B. Earp. "Meaningful and Meaningless Choices in Cyberspace." *Journal of Internet Law*, 7(11), pp.3-11, May 2004.

Baumer, D.B., J.B. Earp and J.C. Poindexter. "Internet Privacy Law: A Comparison between the United States and the European Union," *Computers and Security*, Elsevier, 23(5), pp. 400-412, 2004.

Antón, A.I. and J.B. Earp. "A Requirements Taxonomy to Reduce Website Privacy Vulnerabilities." *Requirements Engineering Journal*, Springer Verlag, 9(3), pp.169-185, August 2004.

Antón, A., J.B. Earp, D. Bolchini, Q. He, C. Jensen and W. Stufflebeam. "The Lack of Clarity in Financial Privacy Policies and the Need for Standardization," *IEEE Security and Privacy*, 2(2), pp.36-45, March-April 2004.

Antón, A.I., J.B. Earp and R.A. Carter. "Precluding Incongruous Behavior by Aligning Software Requirements with Security and Privacy Policies." *Information and Software Technology*, Elsevier, 45(14), pp.967-977, November 2003.

Baumer, D. and J.B. Earp. "Innovative Web Use to Learn about Consumer Behavior and Online Privacy." *Communications of the ACM*, v.46, n.4, April 2003, pp.81-83.

Baumer, D., J.B. Earp and P.S. Evers. "Tit for Tat in Cyberspace: Consumer and Web Site Responses to Anarchy in the Market for Personal Information" *UNC Journal of Law and Technology*, v.4, n. 2, Spring, 2003, pp.217-274.

Barkhi, R. and J.B. Earp. "A Framework for Fuzzy GDSS." *International Journal of Advanced Manufacturing Systems*, v.4, issue 1, 2001, pp. 120-132.

Baumer, D., J.B. Earp and F.C. Payton. "Privacy of Medical Records: IT Implications of HIPAA." *ACM Computers and Society*, v.30, n.4, Dec. 2000, pp.40-47.

Earp, J.B., and F.C. Payton. "Dirty Laundry: Privacy Issues for IT Professionals." *IEEE IT Professional*, v.2, no.2, March/April, 2000 pp.51-54.

Buckless, F. A., J. B. Earp, and L. R. Ingraham. "Auditing in the Information Age: A Proposed Intelligent System." *New Review of Applied Expert Systems and Emerging Technologies*, Vol 6, 2000, pp.57-64.

Dull, R.B. and J. B. Earp. "Accounting Visualizations: A Description of Artificial Intelligence for Decision-making." *New Review of Applied Expert Systems and Emerging Technologies*, Vol.6, 2000, pp.57-64.

Earp, J. B., L. Ingraham, and G. Jenkins. "The Newest Technology Tools: (Un)Limited Access." *The CPA Journal*, January, 2000, pp.58-59.

## Book Chapters

---

Poindexter, J.C., J.B. Earp and D.L.Baumer. "Quantifying Privacy Choices with Experimental Economics" in *Experimental Economics: An Introduction*, Institute of Chartered Financial Analysts of India, 2008.

Baumer, D., J.B. Earp and F.C. Payton. "Privacy of Medical Records: IT Implications of HIPAA." In *Ethics, Computing, and Genomics: Moral Controversies in Computational Genomics*, ed. Herman T. Tavani, Jones & Bartlett Publishers, pp. 137-152, 2005.

Antón, A.I. and J.B. Earp. "Strategies for Developing Policies and Requirements for Secure Electronic Commerce Systems," In *Recent Advances in Secure and Private E-Commerce*, edited by Anup K. Ghosh, Kluwer Academic Publishers, pp. 67-86, 2001.

## Refereed Proceedings

---

Earp, J.B. and J. Staddon, "I had no idea this was a thing: On the Importance of Understanding the User Experience of Personalized Transparency Tools," *ACM 6<sup>th</sup> International Workshop on Technical Aspects in Security and Trust (STAST'16)*, December 5, 2016, Los Angeles, CA.

Maxwell, J., A. Antón, and J.B. Earp, "An Empirical Investigation of Software Engineers' ability to Classify Legal Cross-References." *Proceedings of the 21<sup>st</sup> IEEE International Requirements Engineering Conference (RE'13)*. Rio de Janeiro, Brasil, July 15-19, 2013. **18% acceptance rate.**

Bradford M. and J.B. Earp. "The Role of IT Governance on ERP Systems and Identity and Access Management: An Extended Structuration Model," American Accounting Association IS Section Conference, Fort Lauderdale, FL, January 12, 2013.

Schmidt, J.Y., A. Antón, and J.B. Earp, "Assessing Identification of Compliance Requirements from Privacy Policies," *Fifth International Workshop on Requirements Engineering and Law (RELAW 2012)*, Chicago, September 25, 2012.

Bradford, M., J.B. Earp and P. Williams, "Sustainability: An Analysis of Organizational Reporting and Implications for ERP Systems," *Proceedings of the 15<sup>th</sup> Annual Conference of the Southern Association of Information Systems (SAIS)* in Atlanta, GA, March 23-24, 2012.

Bradford M. and J.B. Earp. "Barriers and Benefits toward a Centralized End-to-End Identity and Access Management Infrastructure where an ERP System is Present" at the American Accounting Association Information Systems conference in Scottsdale, AZ , January 5-7, 2012.

Jones, L., A.I. Antón and J.B. Earp. "Towards Understanding User Perceptions of Digital Identity Technologies," Sixth Workshop on Privacy in the Electronic Society (WPES'07), pp.91-98 (18% acceptance rate), Arlington, VA, October 29, 2007.

Earp, J.B., M. Vail and A.I. Antón. "Privacy Policy Representation in Web-based Healthcare," *Proceedings of the 40th IEEE Hawaiian International Conference on Systems Sciences*, pp.138 - 146, January 2007.

Baumer, D.B., J.B. Earp and J.C. Poindexter. "Quantifying Privacy Choices with Experimental Economics," *Proceedings of the Workshop on Economics of Information Security (WEIS '05)*, Kennedy School of Government, Harvard University, June 2-3, 2005.

Earp, J.B., D. Baumer and J.C. Poindexter. "Modeling Privacy Values with Experimental Economics," *Proceedings of the ACM Workshop on Privacy in the Electronic Society (WPES '04)*, Washington D.C. October 28, 2004, pp.25-26.

Earp, J.B. and A.I. Antón. "Addressing End-User Privacy Concerns," *Proceedings for the 10th Americas Conference on Information Systems (AMCIS 2004)*, August 6-8, 2004, New York City, NY, Paper 148.

Jarvinen, O., J.B.Earp, and A.I. Antón. "A Visibility Framework for Privacy Management Requirements." *2<sup>nd</sup> Symposium on Requirements Engineering for Information Security*. Raleigh, North Carolina, 15-16 October 2002.

Antón, A.I., J.B. Earp and A. Reese. "Analyzing Web Site Privacy Requirements Using a Privacy Goal Taxonomy." *10<sup>th</sup> Anniversary IEEE Joint Requirements Engineering Conference (RE'02)*, Essen, Germany, 9-13 September 2002. Acceptance rate: 19%.

A.I. Antón, J.B. Earp and R. Carter. "Aligning Software Requirements with Security and Privacy Policies." *International Workshop on Requirements Engineering for Software Quality (REFSQ 2002)*, Essen, Germany, 9-10 September 2002.

Antón, A.I. and J.B. Earp. "A Multidisciplinary Project Studio: Designing Secure Electronic Commerce Systems." *6<sup>th</sup> National Colloquium for Information Systems Security Education (NCISSE)*, Redmond, Washington, 4-6 June 2002.

Earp, J.B., A.I. Antón and O. Jarvinen. "A Social, Technical and Legal Framework for Privacy Management and Policies," *Proceedings of the Eighth Americas Conference on Information Systems (AMCIS 2002)*, Dallas, Texas, pp.605-612, 9-11 August, 2002.

Antón, A.I., Earp, J.B., Potts, C. and Thomas A. Alspaugh. "The Role of Policy and Privacy Values in Requirements Engineering." *IEEE Fifth Symposium on Requirements Engineering*, Toronto, Canada, pp. 138-145, 27-31 August 2001. **Best Paper Award.** *This paper was invited to be extended for the Requirements Engineering Journal.* Acceptance rate: 20%.

Earp, J.B. and F.C. Payton. "Data Protection in the University Setting: Employee Perceptions of Student Privacy." *Proceedings of the 34th IEEE Hawaiian International Conference on Systems Sciences*, pp.3107-3112, January 2001.

Antón, A.I and J.B. Earp. "Strategies for Developing Policies and Requirements for Secure Electronic Commerce Systems." *Proceedings of the ACM International Conference on Computer and Communication Security - Workshop on Electronic Commerce*, November 1-4, 2000. **Best Paper Award.** *This paper was invited to be extended as a chapter for a book.*

Antón, A.I. and J.B.Earp, "A Multidisciplinary Electronic Commerce Project Studio for Secure Systems." 4<sup>th</sup> National Colloquium on Information System Security Education (NCISSE), May, 2000.

Earp, J.B. & G. Meyer. "Internet Consumer Behavior Privacy and its Impact on Internet Policy," *Proceedings of the TPRC 28th Research Conference on Communication, Information and Internet Policy*, Alexandria, VA, 23-25 Sept 2000.

Earp, J. B., and L. R. Ingraham, (1999). "Computer Based Training: A Comparison of Intelligent CBT and Conventional CBT." *Proceedings of the 1999 National DSI meeting*, New Orleans, Louisiana, November, 1999.

Buckless, F. A., J. B. Earp, and L. R. Ingraham (1999). "An Intelligent System for Auditing in the Information Age." *Proceedings of the Artificial Intelligence and Emerging Technologies Workshop of AAA*, San Diego, California, August 14, 1999.

Dull, R. B. and J. B. Earp (1999). "Intelligent Visualizations: Using Artificial Intelligence to Improve Accounting Decisions." *Proceedings of the Artificial Intelligence and Emerging Technologies Workshop of AAA*, San Diego, California, August 14, 1999.

Earp, J. B., and R. Barkhi, (1999), "A Fuzzy Logic Approach to Designing a GDSS." *Proceedings of INFORMS-CIST*, Cincinnati, Ohio, May 1999.

(Earp) Brande, J. K., (1996). "Network Performance Management Using Fuzzy Logic", *Proceedings of the SE DSI Meeting*, Charleston, SC, February 21-23, 1996, pp. 321-323.

(Earp) Brande, J. K., (1995). "Fuzzy Adaptive Traffic Routing in a Packet Switched WAN", *Proceedings of the SE INFORMS Meeting*, Myrtle Beach, SC, October 6-7. 1995, pp. 434-436.

(Earp) Brande, J. K., T. R. Rakes and L. P. Rees, (1994). "Performance of Backpropagation Networks with Noisy Inputs", *Proceedings of the National DSI Meeting*, Honolulu, Hawaii, February, 1994, v. 2, p. 675.

**Refereed Conference Presentations**  
**(no proceedings)**

---

Williams, P.F., M. Bradford and J.B. Earp, "'Sustainability' Reported and 'Sustainability' Received", *Public Interest Section of AAA Mid-year Meeting*, April 1, 2016.

Bradford, M., J.B. Earp and P.F. Williams. "Alignment of Customer Perceptions of Sustainability Reporting in the US: Disparate Narratives", *Critical Perspectives on Accounting Conference - 2014*, Toronto Canada, July 7-9, 2014.

Earp, J.B. "Digital Identity Management in the Service Sector: Guidance from Internet Users," 17<sup>th</sup> Annual Frontiers in Service Conference, Washington, D.C., October 2-5, 2008.

Earp, J.B., A.I. Anton and L. Aiman-Smith. "Crossed Signals: What Users Really Want from Internet Privacy Policies." *The Academy of Management*, August 1-6, 2003. **Best Paper Award** in the Organizational and Communication Information Systems (OCIS) Division.

Baumer, D.L. and J.B. Earp, "SPAM: Are Legal Solutions within Sight?" *The Academy of Legal Studies in Business Annual Conference* in Nashville, Tennessee, August 2003.

Baumer, D.L., A. Anton, J.B. Earp, and A. Reese, "Taxonomy of Promises Made in Web Site Privacy Policies," *The Academy of Legal Studies in Business Annual Conference* in Las Vegas, July 2002.

Baumer, D. and J. B. Earp "Factors Influencing the Willingness of Customers to Supply Information Online," *Annual Conference of the Pacific Southwest Academy Legal Studies in Business*, Palm Springs, California, February 26, 2001.

Baumer, D. and J. B. Earp. "Antitrust Goes High-Tech." Antitrust Counseling in the Information Age, from the NC Bar Association, Antitrust and Trade Regulation: Section Annual Meeting, April 7, 2000.

Baumer, D., J. B. Earp, and F. Payton. "Privacy, Computerization of Medical Records, and the Health Insurance Portability and Accountability Act of 1996." *Annual Conference of the Pacific Southwest Academy Legal Studies in Business*, Palm Springs, California, February 24-27, 2000.

## Invited Presentations

---

"Privacy in the Digital Age", TISQA Conference (Triangle Information Systems Quality Association), March 2-3, 2016.

OLLI Lecture, "Privacy in the Digital Age", November 2, 2015

Invited Speaker, Wolfpack Your Lunch, "Digital Privacy", September 4, 2015

"Privacy in the Digital Age", *Great Decisions Lecture Series 2015*, Foreign Policy Association, Women's Club of Raleigh, March 19, 2015.

"Big Data, Algorithms, and Discrimination", UNC School of Law, Chapel Hill, March 31, 2015.

"Online Tracking and Surveillance", Privacy Law in Practice Graduate Class, UNC-Chapel Hill, September 15, 2014.

“Advancing the Profession Through Social Technologies”, AAA Accounting Information Systems Midyear Meeting, Raleigh, NC January 23-25, 2014.

“The Significance and Evolution of End User Privacy”, Women’s Institute in Summer Enrichment (WISE 2010), Sponsored by the Team for Research in Ubiquitous Secure Technology (TRUST), Vanderbilt University, June 21-24, 2010.

“Privacy Policy: Alignment with Systems, Legislation and People”, Women’s Institute in Summer Enrichment (WISE 2010), Sponsored by the Team for Research in Ubiquitous Secure Technology (TRUST), Vanderbilt University, June 21-24, 2010.

“Women Professors in Computing: NC State and the NSF ADVANCE Grant”, Women’s Institute in Summer Enrichment (WISE 2010), Sponsored by the Team for Research in Ubiquitous Secure Technology (TRUST), Vanderbilt University, June 21-24, 2010.

“The First Step in Protecting Privacy: Understanding what People Think”, Women’s Institute in Summer Enrichment (WISE 2009), Sponsored by the Team for Research in Ubiquitous Secure Technology (TRUST), University of California Berkeley, June 16-19, 2009.

“The Privacy Imperative: Protecting Patient Privacy While Facilitation the Use of EMRs and Health Information Exchange” 3<sup>rd</sup> Annual World Congress Leadership Summit on the Road to Interoperability, (Presentation listed on the agenda as a ‘Panel of One’), Boston, MA, July 22-23, 2008.

“Towards Understanding User Perceptions of Authentication Technologies”, Invited to the poster session at the Fourth Annual Symposium On Usable Privacy and Security (SOUPS) at Carnegie Mellon University, Pittsburgh, PA, July 23-25, 2008.

“Setting the Record Straight: Redaction Questions for Policymakers”, National Electronic Commerce Coordinating Council (eC3) Annual Conference, Austin, TX, Invited by Secretary of State Elaine Marshall to be a panel participant at the National Association of Secretaries of State (NASS), December 3-5, 2007.

“Finding Analytical Talent” at the Business Analytics Concourse Research Summit, Babson College, September 26, 2007.

“Defining the Issue: Why are we redacting?” at the National Association of Secretaries of State (NASS) and Electronic Commerce Coordinating Council (e3C) Redaction Symposium, Portland, Maine, August 14-15, 2007.

“Privacy Policies in Web-based Healthcare” at the 7th Annual CERIAS Information Security Symposium March 22, 2006.

“Internet Security”, Women Business Owner’s Network Conference, RTP, October 17, 2000.

“Internet Privacy Panel,” Panel participant for Senator John Edwards’ Panel, Charlotte, NC, June 26, 2000.

## **Technical Reports**

---

Antón, A., J.B. Earp, D. Bolchini, Q. He, C. Jensen and W. Stufflebeam. “The Lack of Clarity in Financial Privacy Policies and the Need for Standardization,” NCSU Technical Report, TR-2003-14, 01 August, 2003.

Antón, A., J.B. Earp. “A Taxonomy for Web Site Privacy Requirements,” NCSU Technical Report, TR-2001-14, 18 December 2001.

Antón, A., J.B. Earp and A. Reese. "Goal Mining to Examine Health Care Privacy Policies," NCSU Technical Report, TR-2001-10, 6 November 2001.

Antón, A., R.A. Carter, J.B. Earp and L.A. Williams. "EPRAM: Evolutionary Prototyping Risk Analysis and Mitigation," NCSU Technical Report, TR-2001-08, August 20, 2001.

## Professional Activities

---

### *Reviewer:*

- NSF Site Review Panel, Carnegie Mellon University, September 23-24, 2015
- IEEE IT Professional, 2016
- Information Technology and Management, 2014 - present
- Computers and Security, 2010 – present
- Communications of the AIS, 2011 – present
- International Journal of Information Security & Privacy, Editorial Review Board Member, 2006 - 2015
- Journal of Biomedical Informatics, 2013
- IEEE Security and Privacy, 2005 – 2013
- Computers and Security, 2010 – present
- Communications of the AIS, 2011 – present
- Journal of the American Medical Informatics Association, 2012
- International Conference on Information Systems, 2012 (ICIS)
- IEEE Internet Computing, 2010
- Americas Conference on Information Systems, 2002, 2004, 2006, 2009, 2012
- ACM Transactions on the Web, 2007 – 2008
- IEEE Transactions on Engineering Management, 2004 – 2008
- European Journal of Information Systems (EJIS), 2007
- Colloquium for Information Systems Security Education, 2006, 2007
- IEEE Technology and Society, 2006
- Information and Software Technology, 2006
- Information Systems Management, 2006
- Communications of the ACM, 2005
- Management Information Systems Quarterly (MISQ), 2002 - 2003
- Requirements Engineering Journal: Special issue on Requirements Engineering and Information Security, 2001-2002
- ACM Symposium on Requirements Engineering for Information Security (SREIS), 2001
- National Decision Sciences Institute Conference, 1998 and 2001
- Annual Global Information Technology Management World Conference, 2000
- ACM Crossroads, 1999-2000

### *Program Committee Member:*

- Twelfth Colloquium for Information Systems Security Education, 2008
- 2008 World Congress in Computer Science, Computer Engineering, and Applied Computing Conference (WorldComp'08): Digital Identity Protection Session, 2008
- Sixth Workshop on Privacy in the Electronic Society (WPES'07), 2007
- The Third International Symposium on Electronic Commerce (ISEC), 2002.

### *Corporate Sponsors Chair:*



- Second Symposium on Requirements Engineering for Information Security (SREIS), 2002

*Publicity Chair:*

- Second Symposium on Requirements Engineering for Information Security (SREIS), 2002

*Session Chair:*

- Session Chair, SE DSI Meeting, Charleston, SC, February 21-23, 1996.
- Session Chair, SE TIMS Meeting, Myrtle Beach, SC, October 6-7, 1994.

*Paper Discussant:*

- Requirements Engineering for Software Quality (REFSQ), 2002
- National DSI, New Orleans, LA, November 1999.
- National DSI, Las Vegas, NV, November 1998.
- SE TIMS Meeting, Myrtle Beach, SC, October 6-7, 1995.
- SE TIMS Meeting, Myrtle Beach, SC, October 6-7, 1994.

*Panel Coordination:*

- Panel coordinator and moderator for “The Challenges of Enterprise Security and Information Privacy.” NCSU College of Management Graduate Symposium. October 2006.
- Panel coordinator and moderator for “The Challenges of Enterprise Security and Privacy Management.” NCSU College of Management Graduate Symposium. October 2004.
- Panel coordinator and moderator for “Internet Privacy and Security.” NCSU College of Management Graduate Symposium. October 2002.
- Panel coordinator and moderator for “Internet Privacy and Security.” NCSU College of Management Graduate Symposium. October 2001.
- Panel coordinator and participant for “Innovative Approaches to E-Commerce Education and Research.” The Southeast Decision Sciences Institute 31<sup>st</sup> Annual Meeting, Charlotte, N.C., Feb. 21-23, 2001.
- Panel coordinator and participant for “Networking for E-Commerce.” The Southeast Decision Sciences Institute 31<sup>st</sup> Annual Meeting, Charlotte, N.C., Feb. 21-23, 2001.
- Panel coordinator and moderator for “Networking.” NCSU College of Management Graduate Symposium. October 1999.
- Panel coordinator for “Internet Privacy and Security.” NCSU College of Management Graduate Symposium. October 2000.

*University Service:*

- NCSU Assistant/Associate Professors' Community Advisory Board, 2015-present
- Speaker for Research Unplugged, NCSU Honors Program, November 14, 2014
- NCSU Advance Scholars Emerging Leaders Group (sponsored by NSF), 2009 – 2012
- NCSU Public Policy Task Force, 2008
- NCSU Analytics Curriculum Steering Committee, 2006 – present.

*Poole College of Management Service:*

- PCOM Hiring Committee for PCOM IT Director, 2015
- PCOM Undergraduate Analytics Task Force, 2014-2016
- PCOM MBA Graduate Analytics Task Force, 2013
- PCOM Accounting Department Advisory Council, Invited Speaker, May 16, 2014
- Business Management Post Tenure Review Committee, 2014
- PCOM Analytics Task Force, 2013-2014
- Chair, PCOM Strategic Planning Committee, 2009 – 2011

- Member, PCOM Strategic Planning Committee, 2011-2012
- Business Management RPT Committee, 2012
- Faculty Affairs Committee, Business Management, 2010 – present
- Information Technology Standing Committee, 2006 – 2008.
- Grade Distribution Task Force, 2008
- Business Management Lecturers and Adjuncts Committee, 2007 – 2008
- MBA Core Curriculum Group, 2007 – 2008
- Business Management RPT Committee, 2006-2007
- MBA Curriculum Committee, 2003 – 2006.
- Business Management Strategic Planning Committee, 2003 – 2005.
- Departmental hiring committee for IT faculty search, 1997, 1999, 2000 2001, 2002, 2003, 2004, 2005, 2013
- Hiring committee for COM lab manager search, 1999.
- Hiring committee for Information Systems faculty search in the Department of Accounting, 2000.
- Undergraduate Curriculum Committee, 1998 – 1999.

*Executive Education:*

- Blue Cross Blue Shield of North Carolina Executive Education for E-Business May 30, 2001. Presenter for "Networking Technologies for E-Commerce" session.
- Blue Cross Blue Shield of North Carolina Executive Education for E-Business May 30, 2001. Coordinator for "Network Security" session.

*Mentoring:*

- Faculty co-mentor for the Computer Research Association Distributed Mentor Project (CRA DMP), funded by the National Science Foundation (NSF), USENIX, and other groups. Summer 2001, 2005.
- Faculty advisor for Olli Jarvinen (Fulbright Scholar) from the University of Turku, Finland (August 2001 – June 2002)

*Other:*

- USACM – ACM Committee on US Public Policy (2007 - present)
- Privacy Subcommittee of USACM – ACM Committee on US Public Policy (2007 - present)
- Expanding Your Horizons 17<sup>th</sup> Annual Conference at NC State University, volunteer (2009)
- **Area Coordinator**, IT Area, Business Management Department, 2003-2006, fall 2010, 2012-2015
- Co-Director of the NCSU E-Commerce Studio (<http://ecommerce.ncsu.edu/studio/>), 2001-2008
- Collaborator for The Privacy Place (<http://www.theprivacyplace.org>)
- Faculty member of {Infosec}NCState (<http://ecommerce.ncsu.edu/infosec/index.html>)

*Professional Society Memberships:*

- Association for Computing Machinery (ACM)
- Association of Information Systems (AIS)
- Institute of Electrical and Electronics Engineers (IEEE)

## Teaching Experience

---

### North Carolina State University

*New courses initiated, designed and taught:*

BUS 441 – Business Data Communications and Networking  
BUS 442 – Advanced Information Systems Development  
BUS 511 – Network Infrastructure for E-Commerce  
MBA 511 – Data Security and Privacy for Managers  
BUS 516 – E-Commerce Practicum  
MBA 516 – Information Technology and Information Security Practicum  
BUS/MBA 549 – Information Technology Management  
AA 591b – Data Security and Privacy for Analytics  
AA 591d – Advanced Analytics Practicum

*Other courses taught:*

BUS 340 – Management Information Systems

### Virginia Tech

*Courses taught:*

MSCI 2405 - Quantitative Methods I

## Thesis Committees

---

- Maria Riaz, Ph.D. in Computer Science, NCSU  
Thesis defended : June 2016
- John Slankas, Ph.D. in Computer Science, NCSU  
Degree conferred: May 2015
- Irene Wazgowska, Master of Science in Textiles  
Degree conferred: December 2014
- Jeremy Maxwell, Ph.D. in Computer Science, NCSU  
Degree conferred: May 2013
- Jessica Young, Ph.D. in Computer Science, NCSU  
Degree conferred: May 2012
- Aaron Massey, Ph.D. in Computer Science, NCSU  
Degree expected: May 2012
- Jim Yuill, Ph.D. in Computer Science, NCSU  
Degree conferred: 2006
- Matthew Vail, Master of Science in Computer Science, NCSU  
Degree conferred: May, 2006
- Qingfeng He, Ph.D. in Computer Science, NCSU  
Degree conferred: August, 2005

- Carlos Jensen, Ph.D. in Computer Science, Georgia Tech  
Degree conferred: December, 2005
- Michael Gegick, Master of Science in Computer Science, NCSU  
Degree conferred: August, 2004
- Benjamin Brunk, Ph.D. in Information Science, UNC  
Degree conferred: May, 2003
- Hema Srikanth, Master of Science in Computer Science, NCSU  
Degree conferred: August 2002
- Ryan A. Carter, Master of Science in Computer Science, NCSU  
Degree conferred: May 2001

## Funding

---

### Sponsored Grants

#### *“Data Security and Privacy for Managers” Distance Class Development*

**Source:** DELTA

**PI:** Julia B. Earp

**Amount:** \$8,000

**Duration:** August 2015 – August 2016

#### *Sustainability: Aligning Individual Perceptions, Corporate Reporting and Information Systems*

**Source:** Institute of Management Accountants (IMA)

**Co-PIs:** Julia B. Earp and Marianne Bradford

**Senior Personnel:** Paul F. Williams

**Amount:** \$8,000

**Duration:** March 2013 – May 2014

#### *Technology to Support Digital Identity Management: Guidance from Internet Users*

**Source:** COM Service and Product Innovation Initiative

**PI:** Julia B. Earp

**Amount:** \$10,000

**Duration:** 2008

#### *NSF ITR: The Design and Use of Digital Identities*

**Agency:** NSF Information Technology Research

**Co-PIs:** Annie I. Antón (NCSU), Mikhail J. Atallah (Purdue), Elisa Bertino (Purdue), Julia B. Earp(NCSU), Eugene H. Spafford (Purdue) and Howard E. Sypher (Purdue)

**Amount:** \$990,000 (NCSU: \$100,006)

**Duration:** August 15, 2004 - August 15, 2007

#### *NSF ITR: Encoding Rights, Permissions and Obligations: Privacy Policy Specification and Compliance*

**Source:** NSF Information Technology Research Proposal

**Co-PIs:** Annie I. Antón (NCSU) and Colin Potts (Georgia Tech)

**Senior Personnel:** Julia B. Earp, Lynda Aiman-Smith, David Baumer

**Duration:** August 15, 2003 – August 15, 2009

**Amount:** \$920,000

*Health Care Privacy Policy Analysis*

**Agency:** NCSU Undergraduate Research Program  
**Faculty PI:** Julia B. Earp  
**Undergraduate Student:** Carrie Gheen  
**Duration:** Spring 2004  
**Amount:** \$1,000

*NSF ITR/PE: Aligning Societal Values, Privacy Policy and IT Requirements*

**Source:** NSF Information Technology Research Proposal  
**Co-PIs:** Annie I. Antón (NCSU) and Colin Potts (Georgia Tech)  
**Senior Personnel:** Julia B. Earp  
**Duration:** August 15, 2001 – June 15, 2003  
**Amount:** \$334,866

*Assessing E-Commerce Software Development Processes*

**Source:** NCSU E-Commerce Learning Center  
**Co-PIs:** Annie I. Antón and Julia.B. Earp  
**Amount:** \$23,730.50  
**Duration:** August 2002 - May 2003

*Agile Processes to Support E-Commerce Software Development*

**Source:** NCSU E-Commerce Learning Center  
**Co-PIs:** Annie I. Antón and Julia.B. Earp  
**Amount:** \$27,945.50  
**Duration:** August 2001 - May 2002

*NCSU E-Commerce Studio*

**Source:** IBM Shared University Research (SUR) Program  
**Amount:** Hardware valued at \$34,492  
**Date:** 2000

*An Intelligent System for Assessment in a Strategic-Systems Lens Based Audit*

**Source:** NCSU Faculty Research and Professional Development Grant  
**PI:** Julia.B. Earp  
**Amount:** \$5,000  
**Duration:** 1998 – 1999

*Assessing Privacy in Health Care Organizations*

**Source:** NCSU Center for Information Technology and Policy (CITAP)  
**Sponsor:** Dr. Bob Entman, NCSU Department of Communication  
**Amount:** \$2,000  
**Duration:** 1999

*CITAP Summer Research Salary: Organizational Views on Information Privacy*

**Source:** NCSU Center for Information Technology and Policy (CITAP)  
**Sponsor:** Dr. Bob Entman, NCSU Department of Communication  
**PI:** Julia.B. Earp  
**Amount:** \$5,000  
**Duration:** May 1999 – June 1999

**Gifts**

*NCSU E-Commerce Studio Seed Gift*

**Source:** Newton Instruments, Butner, NC

**Amount:** \$25,000

**Date:** 2001

*NCSU E-Commerce Studio Gift: Hardware*

**Source:** Newton Instruments, Butner, NC

**Amount:** \$4,035

**Date:** 2000

*NCSU E-Commerce Studio Gift: Software*

**Source:** Haht Commerce

**Amount:** \$24,4000

**Date:** 2000