cindy royal
digital>> media design code scholarship

School of Journalism and Mass Communication
Texas State University
106D Old Main
601 University Avenue
San Marcos, TX 78666
W (512) 673-8129

email: croyal@txstate.edu
portfolio: www.cindyroyal.com

Education

John S. Knight Journalism Fellowship, Stanford University, August 2013- June 2014
Doctor of Philosophy, *The University of Texas at Austin*, May 2005, GPA: 4.0/4.0.
Mass Communication and the Social and Cultural Effects of the Internet
Doctoral Portfolio Program in Women's Studies
Master of Business Administration, *University of Richmond*, VA, May 1989, GPA: 3.7/4.0.
Bachelor of Science, Business Administration, *University of North Carolina at Chapel Hill*, May 1985.

Research

Doctoral Dissertation

"Gendered Spaces and Digital Discourse: Framing Women's Relationship with the Internet," a framing and discursive analysis of the ways that gendered Web sites construct women's relationship with Internet technology.

Book Chapters

"Gender and Technology: Women's Usage, Creation and Perspectives" in Gender and Pop Culture: A Text-Reader, Volume 2, edited by Adrienne Trier-Bieniek and Patricia Leavy, 2019, Sense Publishers.

"Teaching Mobile App Development in a Mass Communication Program," Coding Pedagogy Textbook, ed. Jeremy Sarachan, http://codingpedagogy.net/chapter04/index.html, 2019.

"Product Management for Journalists," chapter in Media Innovation and Entrepreneurship, REBUS Community, eds. M. Ferrier & L. Mays, 2018, https://press.rebus.community/media-innovation-and-entrepreneurship/

"Coding the Curriculum," Global Journalism Education in the 21st Century: Challenges and Innovations, editor Robyn Goodman. World Journalism Education Congress, May 2017. https://knightcenter.utexas.edu/books/GlobalJournalism.pdf.

"Gender and Technology: Women's Usage, Creation and Perspectives" in Gender and Pop Culture: A Text-Reader, edited by Adrienne Trier-Bieniek and Patricia Leavy, 2014, Sense Publishers.

"News As User Experience - Revisited," *The Future of News, Vol. 2*, edited by Maxwell McCombs, Kelly Kaufhold, Amber Hinsley and Seth Lewis, 2012.

"Thinking Critically About New Media," in *Teaching with Multimedia: Pedagogy in the Websphere*, ed. Roxanne O'Connell, 2011.

"Making Media Social: News As User Experience," *The Future of News*, edited by Maxwell McCombs, Kelly Kaufhold, Amber Hinsley and Seth Lewis, 2010.

"Desktop Publishing, Encyclopedia of Journalism, Christopher Sterling, Sage Publications, September 25, 2009.

James Tankard & Cindy Royal, "Finding Out What's On the World Wide Web," *Communication Impact: Designing Research that Matters,* Susanna Hornig Priest, Ph.D., Editor, 2005.

Books
Gendered Spaces and Digital Discourse: Framing Women's Relationship with the Internet, VDM Publishing, 2009.

Journal Articles - Peer-Reviewed
"Institutional Arbitrageurs: The Role of Product Managers as a Locus of Change in Journalism," with Allie Kosterich, Media and Communication, November 2023.

"Texas Tribune and the Analytics Hub," News Product Alliance Case Study Resource Library, Aug. 2023, https://learning.newsproduct.org/casestudies/texas-tribune-and-the-analytics-hub/.

"Design Implications for a Burgeoning Digital Product Ecosystem: Roles, Culture and Engagement," Digital Journalism, January 2023. https://www.tandfonline.com/doi/abs/10.1080/21670811.2022.2163676?journalCode=rdij20.

"From Boundary to Bridge and Beyond: The Path to Professionalization of Product Roles in Journalism," with Damon Kiesow, Journalism Studies, Volume 22, Issue 11, Sept. 2021. https://www.tandfonline.com/doi/abs/10.1080/1461670X.2021.1944277.

"The Human Side of (News) Engagement: Emotion, Platform and Individual Agency," with Avery Holton and Valerie Belair-Gagnon. Digital Journalism, Volume 9, Issue 8, July 2021. https://www.tandfonline.com/doi/abs/10.1080/21670811.2021.1930086?journalCode=rdij20

"Product Management in Journalism and Academia," guest editor for forum, Journalism and Mass Communication Quarterly, published OnlineFirst, June 30, 2020; published September 2020. https://journals.sagepub.com/doi/full/10.1177/1077699020933872.

"Lessons from PhDigital Bootcamp: Preparing Future Faculty to Lead Emerging Media Curriculum," wrote introduction for article series highlighting ways in which PhDigital Bootcamp Fellows applied workshop topics, MILab Journal: Adventures in Media Innovation, April 2020. https://www.masscomm.txstate.edu/media-innovation/milabjournal/phdigitallessons.html

"Teaching and Learning During a Pandemic: The Pivot to Online," wrote introduction, an essay and edited collection of essays on the pivot to online teaching during Spring 2020. MILab Journal: Adventures in Media Innovation, June 2020. https://www.masscomm.txstate.edu/media-innovation/milabjournal/onlinelearning.html

"Redefining Doctoral Education: Preparing Future Faculty to Lead Emerging Media Curriculum," with Sean Smith, Teaching Journalism and Mass Communication, December 2019. https://aejmc.us/spig/wp-content/uploads/sites/9/2019/12/TJMC-9.2-Royal-Smith.pdf

"Managing Digital Products in a Newsroom Context," #ISOJ Journal, Spring 2017. http://isoj.org/research/managing-digital-products-in-a-newsroom-context/.

"Developing and Assessing Experiential Learning Opportunities," Teaching Journalism and Mass Communication, Summer 2015.

"Data Journalism: An Explication," with Dale Blasingame. #ISOJ Journal, Spring 2015. https://isojjournal.wordpress.com/2015/04/15/data-journalism-an-explication/

"Interactives of Olympic Proportions: Diffusion of Innovation at The New York Times," #ISOJ Journal, 2013.

"The Journalist as Programmer: A Case Study of the New York Times Interactive News Technology Department," #ISOJ Journal, Spring 2012.

"Storify: Curating Stories with Social Media," JI Educator, May 9, 2012, jieducator.cqpress.com/storify-curating-stories-with-social-media.

"What's on Wikipedia, and What's Not…? Assessing Completeness of Information," with Deepina Kapila. *Social Science Computer Review*, Spring 2009.

"Introducing Women to the Internet: Digital Discourse in Women's Media," *Southwestern Mass Communication Journal*, Fall 2008.

"Framing the Internet: A Comparison of Gendered Spaces," *Social Science Computer Review,* Summer, 2008.

"A Meta-analysis of Journal Articles Intersecting Internet and Gender,"" *Journal of Technical Writing and Communication,* Vol. 35(4), 2005.

"What's on the Web and What's Not," with James Tankard. *Social Science Computer Review,* Fall 2005.

"Teaching Web Design in Journalism and Mass Communication Programs: Integration, Judgment, and Perspective," *Journalism and Mass Communication Educator*, Vol. 59(4), 2005.

"Literary Journalism on the World Wide Web: The Case of Blackhawk Down," with James Tankard. *Newspaper Research Journal*, Memphis, TN, Fall 2004.

Other Articles
"Yes, Journalists Should Learn To Code," Nieman Journalism Lab, December 2022. https://www.niemanlab.org/2022/12/yes-journalists-should-learn-to-code-but/.

Report "Who Needs to Code? Developing a Coding Practice in a Media Organization," MILab Journal: Adventures in Media Innovation, December 2022, https://www.masscomm.txst.edu/media-innovation/milabjournal/coding2022.html.

"Review of Materialising New Forms of Journalism: A Process Model," by Cindy Royal, Ph.D., June 2022. https://www.masscomm.txst.edu/media-innovation/milabjournal/materialising_new_forms.html.

Report "Digital Media Innovation Survey of Graduates 2016-2021." MILab Journal: Adventures in Media Innovation, May 2022, https://www.masscomm.txst.edu/media-innovation/milabjournal/dmisurvey2022.html.

"Review of Editorial Technologists as Engineers of Journalism's Future: Exploring the Professional Community of Computational Journalism," by Cindy Royal, Ph.D., January 2022. https://www.masscomm.txst.edu/media-innovation/milabjournal/editorial_technologists.html

"These Products Won't Manage Themselves," Nieman Journalism Lab, December 2021. https://www.niemanlab.org/2021/12/all-these-new-products-wont-manage-themselves/

"Review of Exploring Data Visualisations: An Analytical Framework Based on Dimensional Components of Data Artefacts in Journalism," MILab Journal: Adventures in Media Innovation, Sept. 2021, https://www.masscomm.txstate.edu/media-innovation/milabjournal/exploring_data_vis.html.

"Review of Preserving Data Journalism: A Systematic Literature Review," MILab Journal: Adventures in Media Innovation, June 2021. https://www.masscomm.txstate.edu/media-innovation/milabjournal/preserving_data_journalism.html.

"J-School Grads Maintain Optimism and Adaptability," Nieman Journalism Lab, December 2020. https://www.niemanlab.org/2020/12/j-school-grads-maintain-their-optimism-and-adaptability/

"Review of Reengineering Journalism: Product Manager as News Industry Institutional Entrepreneur," MILab Journal: Adventures in Media Innovation, May 2021. https://www.masscomm.txstate.edu/media-innovation/milabjournal/reengineering_journalism.html.

Report "The State of the News Product Community 2020," MILab Journal: Adventures in Media Innovation, November 2020. https://www.masscomm.txstate.edu/media-innovation/milabjournal/newsproduct2020.html

"Review of Algorithms and Journalism: Exploring (Re)Configurations in Media and Communication," MILab Journal: Adventures in Media Innovation, August 17, 2020. https://www.masscomm.txstate.edu//media-innovation/milabjournal/algorithms_special.html.

"Review of Advancing Journalism and Communication Research: New Concepts, Theories and Pathways," Journalism and Mass Communication Quarterly Special Issue, MILab Journal: Adventures in Media Innovation, June 2020. https://www.masscomm.txstate.edu/media-innovation/milabjournal/jmcqspecialdigital.html

"Prepare Media Students for Skills, Not Job Titles," Nieman Journalism Lab, December 2019.

"For Journalism Curriculum to Change, Its Faculty Needs Disruption," Nieman Journalism Lab, December 2018. https://www.niemanlab.org/2018/12/for-journalism-curriculum-to-change-its-faculty-needs-disruption/

"Your Journalism Curriculum is Obsolete," Nieman Journalism Lab, December 2017. http://www.niemanlab.org/2017/12/your-journalism-curriculum-is-obsolete/.

"Why Texas State's Digital Media Degree is Attracting Female Students," MediaShift, July 2017. http://mediashift.org/2017/12/digital-media-degree-attracting-female-students/.

"Your Guide to Social and Digital Certifications," MediaShift, July 2017. http://mediashift.org/2017/07/social-and-digital-certifications-what-they-are-and-why-educators-should-get-them/.

"Preparing the Digital Educator/Scholar Hybrid," Nieman Journalism Lab, Harvard University, Dec. 2016. http://www.niemanlab.org/2016/12/preparing-the-digital-educator-scholar-hybrid/. Invited by editor.

"Developing a New Major in Digital Media Innovation at Texas State," MediaShift, Dec. 2016, http://mediashift.org/2016/12/developing-new-major-digital-media-innovation/.

"How To Teach an Immersive Summer Code Camp," MediaShift, Sept. 2016, http://mediashift.org/2016/09/remix-teaching-immersive-summer-code-camp/.

"At #SXSW, Texas State Students Tracked Trends in Social Media, VR, Bots and Big Data," MediaShift, March 2016, http://mediashift.org/2016/03/at-sxsw-texas-state-students-track-trends-influencing-journalism/. Invited by editor.

"Developing a Digital Core in Mass Communication Curriculum," co-authored with Jon Zmikly, Feb. 2016, http://mediashift.org/2016/02/developing-a-digital-core-in-mass-communication-curriculum/.

"What I Learned Meeting Innovators in East Coast Media," Education Shift, PBS MediaShift, September 17, 2015, http://mediashift.org/2015/09/what-i-learned-meeting-innovations-in-east-coast-media/.

"Innovation at #ISOJ: Mobile, Native Ads, Virtual Reality and Data," Education Shift, PBS MediaShift, April 22, 2015, http://www.pbs.org/mediashift/2015/04/innovation-at-isoj-mobile-native-ads-virtual-reality-and-data/

"Why Universities Need to Embrace Coding Across the Curriculum," Education Shift, PBS MediaShift, March 25, 2015.

"Are Journalism Schools Teaching Their Students the Right Skills," Nieman Journalism Lab, April 17, 2014.

"From Blogs to Glass: Experiential Learning Through SXSW,", Education Shift, PBS MediaShift, March 27, 2014.

"We Need a Digital First Curriculum to Teach Modern Journalism," PBS MediaShift, August 26, 2013, **http://www.pbs.org/mediashift/2013/08/we-need-a-digital-first-curriculum-to-teach-modern-journalism/**.

"At the Intersection of Journalism, Data Science and Digital Media: How Can J-Schools Prep Students for the World They're Headed Into. Nieman Journalism Lab, July 26, 2013, http://www.niemanlab.org/2013/07/at-the-intersection-of-journalism-data-science-and-digital-media-how-can-j-schools-prep-students-for-the-world-theyre-headed-into/.

"Journalism Schools Need to Get Better at Teaching Tech Where the Girls Are," Nieman Journalism Lab, October 9, 2012. http://www.niemanlab.org/2012/10/cindy-royal-journalism-schools-need-to-get-better-at-teaching-tech-where-the-girls-are/

"Developing an Effective User Experience," *Online Journalism Review*, October 13, 2009, http://www.ojr.org/ojr/people/croyal/200910/1786/.

"Educating Ourselves, So We Can Teach Our Students," Professor's Corner, Nieman Reports, August 26, 2009, http://www.nieman.harvard.edu/reports/professor.aspx?profcornerarticleid=100007&p=100026.

"Four Authors/Five Books: A Reading Assignment for Media Educators and Scholars," AEJMC Hot Topics Blog, August 19, 2009, http://aejmc.org/topics/2009/08/four-authorsfive-books-a-reading-assignment-for-media-educators-and-scholars/.

"Inspiring Students to Believe...They Can Do Anything," *Online Journalism Review*, August 18, 2009, http://www.ojr.org/ojr/people/croyal/200908/1770/.

"Making Media Social: News as User Experience," *Online Journalism Review*, May 13, 2009, http://www.ojr.org/ojr/people/croyal/200905/1723/.

"Tech-savvy Women Seek Support in Classroom and Newsroom," *Online Journalism Review,* April 14, 2005, http://www.ojr.org/ojr/stories/041304royal/.

"Framing the Internet in Gendered Spaces: An Analysis of iVillage and AskMen.com," *Media Report to Women*, Sum '04.

Book Reviews
Review of *Excellence in Online Journalism: Exploring Current Practices in an Evolving Environment,* in Journalism, 2012.

Review of *Once You're Lucky, Twice You're Good,* in Global Media Journal, Summer 2008.

Review of *Convergence Culture* and *Information Please*, in *Journalism and Mass Communication Educator*, Spring 2008.

Review of *Writing for Multimedia and the Web: A practical guide to content development for interactive media*, in *Journalism Studies*, August 2007.

Review of *Computer-Mediated Communication: Social Interaction and the Internet* and *Human Communication on the Internet*, in *Journalism Studies*, August 2006.

Review of *Unlocking the Clubhouse: Women in Computing* by Jane Margolis and Allan Fisher, in *Women's and Gender Studies in Review Across Disciplines*, Issue 1, Spring 2003.

Articles Discussing Research and Activities

"Does Your Newsroom Need a Product Manager?", Global Investigative Journalism Network, article on Product Management Course, October 2017, https://gijn.org/2017/10/12/does-your-newsroom-need-a-product-manager/.

"Why Journalism Students Need a Baseline Understanding of Coding," PBS MediaShift, January 2015, http://www.pbs.org/mediashift/2015/01/why-journalism-students-need-a-baseline-understanding-of-coding/.

"Nine Reasons for Optimism For the Future of Journalism Education, PBS MediaShift, December 2014, http://www.pbs.org/mediashift/2014/12/9-reasons-for-optimism-for-the-future-of-journalism-education/.

"50 Most Social Media Savvy Professors in America," OnlineColleges.net, September 2011, http://www.onlinecolleges.net/2011/09/12/50-most-social-media-savvy-professors-in-america/.

"Meet Austin's Most Plugged-In Professor," by Scott Thomas, Austin Post, May 26, 2011, http://www.austinpost.org/content/meet-academias-plugged-professor.

"Social Media Finds Homage Offline and in Classrooms," INC, May 21, 2010, http://ouspjinc.wordpress.com/2011/05/03/social-media-finds-homage-offline-and-in-classrooms/.

"The Programmer Majored in English: A Fascinating Study of NYT's Interactive News Unit," by Megan Garber, Nieman Journalism Lab, May 21, 2010, http://www.niemanlab.org/2010/05/the-programmer-majored-in-english-a-fascinating-study-of-the-nyts-interactive-news-unit/.

"Texas State Professor Gets Wired's Attention," by Omar Gallaga, Austin American-Statesman, Nov. 16, 2010, http://www.statesman.com/news/local/texas-state-professor-gets-wireds-attention-1050685.html.

"New York Times Editor Explains Relationship Between Journalism, Programming," by Lora Collins, University Star, Feb. 2009, http://star.txstate.edu/content/new-york-times-editor-explains-relationship-between-journalism-programming.

"Drawing Lines Online," by Omar Gallaga, Austin American-Statesman, Oct. 5, 2008.

Papers Presented

"Redefining Doctoral Education: Preparing Future Faculty To Lead Emerging Media Curriculum," World Journalism Education Council, Paris, July 2019.

"Managing Digital Products in a Newsroom Context," International Symposium on Online Journalism, April 2017.

Cindy Royal and Dale Blasingame, "Data Journalism: An Explication," International Symposium on Online Journalism, Spring 2015.

"Interactives of Olympic Proportions: Diffusion of Innovation at The New York Times," International Symposium on Online

Journalism, April 2013.

"Creating Collegiate Media Opportunities in the Classroom Using Social Media," presented at the Association for Education in Journalism and Mass Communication Conference, Chicago, August 2012.

"The Journalist as Programmer: A Case Study of the New York Times Interactive News Technology Department," International Symposium on Online Journalism, April 2010.

"User-Generated Content: How Social Networking Translates to Social Capital," presented at the Association for Education in Journalism and Mass Communication Conference, Chicago, August 2008.

"What Do People Do Online? Implications For the Future of Media," International Symposium on Online Journalism, The University of Texas at Austin, March 2008.

Cindy Royal & Deepina Kapila, "Wikipedia: Completeness of Information on the Online Collaborative Encyclopedia," Association for Education in Journalism and Mass Communication Conference, Washington, DC, August 2007.

Cindy Royal & Deepina Kapila, "What's on Wikipedia and What's Not," International Symposium in Online Journalism, The University of Texas at Austin, March 2007.

"Introducing Women to the Internet: Digital Discourse in Women's Media," Association for Education in Journalism and Mass Communication Conference, San Francisco, August 2006.

"Visualizing Technology: Images in Google and Yahoo News Aggregators," International Symposium on Online Journalism, April 8, 2006.

"Framing the Internet in Gendered Spaces: An Analysis of iVillage and AskMen.com," Association for Education in Journalism and Mass Communication Conference, Toronto, August 2004.

"A Meta-analysis of Social Science Scholarship on Internet and Gender," International Communication Association Conference, New Orleans, LA, May 2004.

"Teaching Web Design in Journalism and Mass Communications Programs: Integration, Judgment, and Perspective," Expanding Convergence: Media Use in a Changing Information Environment Conference, Columbia, SC, Nov. 6-8, 2003.

"Narrative Structure in *Sex and the City,"* Association for Education in Journalism and Mass Communication Conference, Kansas City, MO, August 2003; Second Place Student Paper.

"The Convergence of Literary Journalism and the World Wide Web: The Case of Blackhawk Down"- co-written with Dr. James Tankard, Dynamics of Convergent Media Conference, Columbia, SC, Nov. 2002.

"Mind the Gender Gap: Gender Differences in Motivation to Contribute Online Content," Association for Education in Journalism and Mass Communication Conference, Miami, FL, August 2002.

"What's on the Web, and What's Not" - with Dr. James Tankard, International Communications Association Conference, San Diego, CA, May 24, 2003.

"Representations of Race and Sexuality on Feminist Web Sites," International Communications Association Conference, San Diego, CA, May 26, 2003.

"Comparison of Computerized and Traditional Content Analysis Techniques: A Case Study of the Texas Democratic Gubernatorial Primary," Association for Education in Journalism and Mass Communication Conference, Kansas City, MO, August 2003.

"Framing the Internet: Before and After the Tech Bust," Association for Education in Journalism and Mass Communication Conference, Kansas City, MO, August 2003.

Thesis Advising
Holly Hearn, honors thesis, Spring 2019; Paloma Gray 2018; fashion merchandising – Leslie Cuevas & Aimee Nicole Jones, 2016; honors thesis: Kathryn Price, 2015; Ashley Goode 2013, Dale Blasingame 2011, Josh Shepherd 2010, Trey Hatt 2010, Chris Troutman 2009, Jonathan Polk 2009, Jason Cain 2008 and Irene Kosela 2008; Michael Trice 2008,

Graduate Project Advising
Advisor: Logan Self, 2019; Megan Boyle, 2019; Alexandra White 2018;
Committee: Brittany Robinson, 2020, Sean Smith, 2019; Nicole Jones, 2019; Nicole Avalos, 2018;
Independent Study: Annabel Fidler 2018; Dylan Lochridge-Fletcher 2017; Melanie Morales 2017; Rachel Mosley 2017

Dissertation Committees
Elizabeth Potter, 2021, College of Media, Communication and Information, University of Colorado
Gregory Rodriguez, 2013, College of Education, Texas State
Lewis Knight, 2013-present, School of Journalism, The University of Texas

Additional Research Activity
Editor, MILab Journal. Launched new journal to publish and promote publish articles dealing with media innovation relevant to academics and the professions we serve. The journal's goal is to introduce new topics, method and theories that applied to the digital media environment. April 2020.

Experience
Academic
Knight Journalism Fellowship
Stanford University, August 2013 – June 2014
- Developed platform to teach programming to journalists – CodeActually.com

Texas State University
Professor, School of Journalism and Mass Communication, 2016-present
Editor, MILab Journal: Adventures in Media Innovation, 2020-present
Founding Director, Media Innovation Lab, 2016-present
Digital Media Program Head, 2016-2021
Associate Professor, School of Journalism and Mass Communication, 2011-2016
Assistant Professor, School of Journalism and Mass Communication, 2006 - 2011
Undergraduate Courses
- Developed new major, Digital Media Innovation, approved Aug. 2016 – http://www.masscomm.txstate.edu/degrees-programs/digital-media-innovation.html
- Mobile Media Development – mobile.cindyroyal.net, 2018
- Digital Media Innovation Capstone – innovation.cindyroyal.net, 2016 - 2018
- Summer Code Camp – summercodecamp.cindyroyal.net – 2016 - 2018
- Fundamentals of Digital/Online Media – fdom.cindyroyal.net; new required, core course
- Coding and Data for Communicators – coding.cindyroyal.net
- Social Media at Work – became FDOM required course
- Multimedia Journalism - www.cindyroyal.com/multij
- Web Design and Publishing – webdesign.cindyroyal.net
- Other courses taught: Media Writing; Introduction to Mass Communication
- Short courses in Sensor Journalism, Coding Workshop and Making an App – 2015-2017

Graduate Courses
- Advanced Online Media – advanced.cindyroyal.net
- Online Media Design - www.cindyroyal.com/onlinemedia
- SXTXState Project – sxtxstate.com
- Digital Media Issues – digitalmedia.cindyroyal.net

The University of Texas at Austin
Co-Instructor, Spring 2019
- Product Thinking for Newsroom Leadership, taught big online course for UT Knight Center for Journalism in the Americas

Lead Instructor, Fall 2017
- Product Management for Journalists, taught massively open online course for UT Knight Center for Journalism in the Americas

University of Colorado- Boulder
Faculty in Residence, Summer Term 2016
- Taught Summer Code Camp in College of Media, Communication and Information

Virginia Commonwealth University
Assistant Professor, School of Mass Communications, August 2005 - June 2006
- Communication Technology and Global Society, Spring 2006
- MASC 485 Web Site Design, Fall 2005/ Spring 2006/Summer 2006
- MASC 300 Media Graphics, Fall 2005

The University of Texas at Austin
Assistant Instructor, School of Journalism and Science, Technology, and Society Department,
August 2000 - August 2005
- J331 Web Publishing, August 2000-May 2005
- STS319 Information Technology and Social Life, January 2005 - May 2005
- TLC 311 Intro. to Web Development, January 2003 - December 2003

Journalism
Texas Music Magazine, Austin, TX
- **Contributor,** September 1999 – August 2016; interviewed artists, reviewed CDs and concerts, wrote articles.
- **Editor,** June 2008 – May 2012; compiled content for online newsletter; wrote articles
- **News Editor,** September 1999; December 2001 - integral member of editorial team for the launch of new magazine

Austin Business Journal, Austin TX
Freelance Writer, May 2000 - September 2000;
- Interviewed community leaders
- Wrote articles on the Austin business community

Corporate
Compaq Computer, Houston, TX. 1995-1999
- Product Manager, Compaq Credit
- Manager, Reseller Authorizations
- Project Manager, Small Media Business Programs

NCR Corporation, Dayton, OH, 1985-1995
- Project Manager, Professional Services
- Manager, Corporate Logistics
- Credit Analyst, NCR Credit Corporation
- Sales Associate, NCR Richmond

Web Design Portfolio

- MILab Journal website - https://www.masscomm.txstate.edu/media-innovation/milabjournal.html
- CodeActually.com - platform to teach journalists how to code.
- CindyRoyal.com - personal portfolio site; redesigned Dec. 2013
- On That Note - www.onthatnote.com - personal concert review web site
- PhDigital Bootcamp website – phdigitalbootcamp.com
- Media Innovation Lab website. – www.masscomm.txstate.edu/media-innovation.html
- Digital Media Innovation Capstone – undergraduate capstone course – innovation.cindyroyal.net
- Summer Code Camp – summercodecamp.cindyroyal.net
- Coding & Data for Communicators - undergraduate coding course - coding.cindyroyal.net
- Fundamentals of Digital/Online Media - undergraduate required course – fdom.cindyroyal.net
- Multimedia Journalism - undergraduate course - www.cindyroyal.com/multij
- Advanced Online Media course site - graduate course – advanced.cindyroyal.net
- Web Design and Publishing course site - undergraduate course - webdesign.cindyroyal.net
- Online Media Design course site - graduate course - www.cindyroyal.com/onlinemedia
- Issues in Digital Media site - graduate class - www.cindyroyal.com/newmedia
- SXTXState project course site – graduate class – sxproject.cindyroyal.net
- STS 319 Information Technology and Social Life course site, The University of Texas - undergraduate course Spring 2005 - www.cindyroyal.com/sts319_site/
- Selected Student Projects
    - Art in Public Places – supervised student data project, 2018 - https://alexandrakwhite.github.io/index.html
    - Incentive to Film – supervised student data project on Texas film incentives, 2017 - http://incentivetofilm.steffanieagnew.com/
    - Loud Austin – supervised student data project on loud music noise complaints in Austin, 2015 - loudaustin.beckslarson.com
    - Texas State of Change – student project covering Hispanic Serving Institution status 2012
    - South By Texas State - student blog during South By Southwest Interactive Festival 2008-2013 - www.sxtxstate.com
    - Texas State Mass Comm Week blog and coverage 2008-2011 - txstatemcweek.com
    - San Marcos Online - supervised graduate student project Fall 2007 - cindyroyal.com/sanmarcos
    - Thread Austin - supervised graduate student project Fall 2007 - cindyroyal.com/threadaustin
    - Bobcat Living - supervised student project Fall 2007 - cindyroyal.com/bcliving
    - A Toast to the Hill Country - supervised graduate student project Summer 2007 - cindyroyal.com/wine_tour
    - The Texas Journalist, Fall 2004 - Election Special
    - The Convergent, Fall 2003
    - The Texas Journalist, Spring 2003 - Freedom of Information site
    - The Texas Journalist, Fall 2003 - Focus East Austin
- UT ASNE Institute Web site
- Citation Index and Tracking environment - CITE - Web development project using PHP/MySQL
- UT Population Research Center Web site
- Proficient in computer applications including HTML, CSS, JavaScript, JQuery, Adobe Creative Suite, iMovie, Premiere Pro, PHP, MySQL, Ruby on Rails and Python; and the Google Charts API.

Honors and Awards
National Recognition
- Charles E. Scripps Journalism and Mass Communication Teacher of the Year, AEJMC and Scripps Howard Foundation, 2013
- John S. Knight Journalism Fellowship at Stanford, 2013-2014; first academic to be accepted to program; development of platform to teach coding to journalists
- AEJMC/Scripps Howard Foundation, Journalism Teacher of the Year Finalist, 2012
- AEJMC/Scripps Howard Foundation, Journalism Teacher of the Year Finalist, 2011
- AEJMC Promising Professor Competition, Faculty 2nd Place, 2008

Texas State University Awards
University Level
- Texas State Alumni Association, Teaching Award of Honor, 2022
- Texas State Presidential Award for Excellence in Service, Senior Faculty, 2020
- Minnie Stevens Piper Professor Award Nominee, Texas State University, 2019
- Everette Swinney Faculty Senate Excellence in Teaching Award, Texas State, 2019
- Everette Swinney Faculty Senate Excellence in Teaching Award, Texas State, 2018
- Texas State Presidential Award for Excellence in Teaching, Senior Faculty, 2013
- Texas State Quarterly Team Award, for participation on 2012-2013 Common Experience Team

College of Fine Arts and Communication Level
- Presidential Distinction Award, Service, Senior Faculty, 2019
- Presidential Distinction Award, Service, Senior Faculty, 2018
- Presidential Distinction Award, Service, Senior Faculty, 2017
- Presidential Distinction Award, Service, Senior Faculty, 2016
- Presidential Distinction Award, Scholarly/Creative Activities Award, Senior Faculty, 2015
- Presidential Distinction Award, Teaching, Senior Faculty, 2012
- Presidential Distinction Award, Scholarly/Creative Activities, Junior Faculty, 2010
- Presidential Distinction Award, Teaching, Dean's Nominee, Junior Faculty, 2010

School of Journalism and Mass Communication Level
- SJMC Nominee, Presidential Award for Excellence in Scholarly/Creative Activity, Senior Faculty, 2021
- SJMC Nominee, Presidential Award for Excellence in Scholarly/Creative Activity, Senior Faculty, 2014
- SJMC Nominee, Presidential Award for Excellence in Teaching, Senior Faculty, 2011
- SJMC Nominee, Presidential Award for Excellence in Scholarly/Creative Activities, Junior Faculty, 2009
- SJMC Nominee, Presidential Award for Excellence in Teaching, Junior Faculty, 2009
- SJMC Nominee, Presidential Award for Excellence in Scholarly/Creative Activities, Junior Faculty, 2008
- SJMC Nominee, Presidential Award for Excellence in Teaching, Junior Faculty, 2008

Community
- Gene Barnwell Waugh Mentor Award, Women Communicators of Austin, April 2021
- Texas Social Media Award, Austin American-Statesman, 2010

Grants and Funding
- The John S. and James L. Knight Foundation Grant for PhDigital Bootcamp, $75,000, 2017; continued with additional $150,000, 2018-2020
- Texas State Service Learning Mini Grant, SXTXState, $500, March 2019
- Teaching and Learning with Technology Grant, TXST Information Technology, $5000 for equipment associated with Innovation Club, Co-PI with Jon Zmikly, May 2019
- Teaching and Learning with Technology Grant, TXST Information Technology, $5000 for equipment associated with

digital storytelling about the outdoors, May 2017
- Online News Association Challenge Fund Grant, Building a Maker Culture in JSchool, $35,000 for curriculum projects, 2015
- Online News Association Challenge Fund Grant, TexasMusicViz, $35,000 for curriculum projects, 2014
- AEJMC/Knight Foundation Bridge Grant, 2012 - $8,000 for course development in conjunction with Knight News Challenge Winner Ushahidi
- AEJMC/Knight Foundation Bridge Grant, 2011 - $8,000 for course development in conjunction with Knight News Challenge Winner, Jefferson Institute
- Texas State University Research Enhancement Grant, A Nation of Friends: Diffusion of Online Social Networking, Summer 2008
- Texas State University Research Enhancement Grant, User-Created Content: How Social Networking Translates to Social Capital, Summer 2007

Student Awards
- Student Project, Loud Austin (loudaustin.beckslarson.com) by Becky Larson, finalist in Online Journalism Awards (http://journalists.org/2015/08/11/2015-online-journalism-awards-finalists-announced/), 2015.
- SPJ Region 8 Mark of Excellence, placed in Online, In-Depth Reporting for Large Schools, 2013, TXStateOfChange.com
- AEJMC Best of the Web, 2nd Place (SXTXState.com) in Journalism category for student project, 2009
- AEJMC Best of the Web 1st (San Marcos Online) and 3rd place (Thread Austin) winners in Journalism category for student projects, 2008

Other Recognition
- Named to inaugural EducationShift20: Honoring Innovative Journalism Educators, Jan. 9, 2018, http://mediashift.org/2018/01/edshift20-honoring-innovative-journalism-educators-2017
- Great Ideas for Teachers, Jumpin' With JavaScript, AEJMC 2015

The University of Texas at Austin
- AEJMC Promising Professor Competition, Graduate Student 2nd Place, 2004
- Bruton Fellowship, 2004-2005
- The University of Texas Continuing Fellowship, 2003-2004
- AEJMC, Best of the Web Design Competition, Honorable Mention for Teaching Sites, 2002
- Nettie Doscher More Fellowship, 2002
- Ada Francis Miller Fellowship, 2000 and 2002
- Outstanding Teaching Assistant Award- School of Journalism, 2001
- The University of Texas Preemptive Fellowship, 1999-2000
- The University of Texas Continuing Tuition Fellowship, 2001-2002
- Kappa Tau Alpha Inductee, national honor society in Journalism and Mass Communication, Spring 2006

Invited Talks and Other Presentations
Texas State University

- Panel moderator, Journalism Research That Matters, Nov. 5, 2021.
- Lecture, Product Management in Journalism, Asian College of Journalism, Oct. 8, 2021.
- Presented research, From Boundary to Bridge and Beyond: The Path to Professionalization of Product Roles in Journalism, News Product Alliance, Sept. 24, 2021.
- Panel, Teaching Product, News Product Alliance, Sept. 15, 2021.
- Lecture, Product Management in Journalism, Asian College of Journalism, Oct. 14, 2020.
- Moderator, Valuing Journalism in a World of Near-infinite Content, with Rasmus Kleis Nielsen, Online News Association, ONA Everywhere, October 2020.
- Panel, Career Potential and Growth Opportunities within the Newsroom for those with Innovative Skills, AEJMC, August 2020
- Panel, Product Management: How News Organizations Can Become More Audience-Oriented, Data-Driven and Product Focused, International Symposium on Online Journalism, July 2020
- Interview Series, SJMC Alumni Discuss Work-From-Home Strategies – interviews with 11 School of Journalism and Mass Communication alumni on their organizations' shift to work-from-home strategies and other effects of the pandemic, April 2020, https://sjmcnews.wordpress.com/2020/04/02/sjmc-alumni-discuss-work-from-home-strategies/
- Dean's Seminar, Adventures in Media Innovation: Communication, Curriculum and Culture, February 25, 2020
- Panel, Redefining Doctoral Education: Preparing Future Faculty to Lead Emerging Media Curriculum, BEA: On Location, Boulder, Colorado, October 2019
- Panel, PhDigital Bootcamp: Preparing Future Faculty to Lead Innovative Curriculum, AEJMC, Toronto, August 2019
- Panel, Blowing Up The Silos: Integrating Multimedia Techniques Into Print Journalism Curricula, AEJMC, Toronto, August 2019
- Panel, The Pedagogy of Coding for Media Production, AEJMC, Toronto, August 2019
- Co-instructor, Online Course, Product Thinking for Newsroom Leaders, UT Knight Center for Journalism in the Americas, April 2019
- Bending, Breaking and Blending the Academy: Innovations in Teaching and Research, Graduate Research Conference Keynote, Texas State University, November 2018.
- Taking Control of Social Media For Your Career, ShopTalk, Graduate College, October 2018.
- Product Management Discussion and Exercise, Online News Association University student conference, Austin, September 2018.
- Product Management Workshop, Online News Association, Austin, September 2018.
- PhDigital Bootcamp: Preparing Future Faculty to Lead Innovative Curriculum, Washington, DC, AEJMC 2018
- Careers in Digital Media, RTX Austin, August 2018
- Online Course, Product Management for Journalists, UT Knight Center for Journalism in the Americas, November 2017
- Does Your Newsroom Need a Product Manager?, Global Investigative Journalism Network, article on Product Management Course, October 2017
- Is Your Curriculum Digital Enough, SXSWEdu, Austin, March 2018
- Embracing Innovation and Lifelong Learning, Keynote Speaker Manor ISD Innovation Fair, December 16, 2017
- Organized Bringing Digital Into the Curriculum, AEJMC pre-conference, Aug. 2017 digitalcurriculum.cindyroyal.net
- So You Want To Be a Product Manager, SXSWEdu, March 2017
- Disrupting J-School Culture, SXSW Interactive, March 2017
- Teaching Sensor Journalism panel, AEJMC, Aug. 2016
- Inclusivity and Teaching Tech panel, AEJMC, Aug. 2016
- Big Data panel, AEJMC panel, Aug. 2016
- Using Social Media in Your Career, Grad Student Seminar Series, Texas State, April 2016.
- Panel, Cracking the Code: Tips for Teaching Coding to Journalism Students, AEJMC 2016
- Panel, Teaching Sensor Journalism: Opportunities, Challenges, What's Next, AEJMC 2016
- Panel, Inclusivity and Teaching Tech, AEJMC 2016
- Panel, Big Data in the Media Industries, AEJMC 2016

- Panel, Insights on Tap: Education's Role in Today's Digital World, sponsored by Social Distillery, Aug. 16, 2015
- Panel, Open Data at the City of Austin, Aug. 17, 2015
- Invited Talk, News As User Experience, Health and Human Services, Austin, Aug. 17, 2015
- Great Ideas for Teachers, Jumpin' With JavaScript, AEJMC 2015
- Panel, Innovative Methods for Student Engagement, AEJMC 2015
- Panel, Top Ten Tips for Preparing Students for Jobs That Don't Exist Yet, AEJMC 2015
- Developed new Digital Media Innovation undergraduate major, 2014. Expected start 2016
- Digital Media Careers, presentation to high school students at Texas State, June 2015
- Taking Control of Social Media for Your Career, Texas State Brown Bag, April 2015
- Impact Factor: Alternatives to Traditional Scholarly Publication, March 2015; https://www.youtube.com/watch?v=0m1nZoBg5Vs
- For Media, It's Platform or Perish, SXSW Interactive, March 2015
- Coding Across the Curriculum, SXSWEDU, March 2015
- Keynote Speaker, Journalism Education and Research Association of Australia, Sydney, Nov. 2014.
- Coding for Journalists, Journalism and Women Symposium, Palm Springs, CA, Oct. 2015.
- Using Agile Methodologies in Education, Online News Association, Chicago, September 2015.
- Preparing Students for Jobs That Don't Exist Yet, October 2014
- Why All Your Students Must Be Programmers, AEJMC 2014
- Engaging Students Across the Curriculum, AEJMC 2014
- Great Ideas for Teachers, Look at Me, I'm Coding, AEJMC 2013
- Multimedia Storytelling for Social Media: Preparing Students as Networked Communicators, AEJMC 2013
- How New Technologies Can Make You a Better Teacher, AEJMC 2013
- Breeding the Unicorn, Journalism Interactive, Gainesville, Feb. 2013
- Data: What Journalists and Scholars Can Learn From One Another, Journalism Interactive, Gainesville, Feb. 2013
- Intro. To Programming Concepts, Journalism Interactive, Gainesville, Feb. 2013
- I'm Into Jobs That Don't Even Exist Yet, SXSWEDU March 2013
- I'm Into Jobs That Don't Even Exist Yet, SXSW Interactive, with Aron Pilhofer, The New York Times, March 2013
- Workshop, Intro to Programming for Communicators, Hacks/Hackers ATX, Dec. 3, 2012
- Panel, Is Social Media Replacing Traditional Journalism? Social Media Club Austin, Aug. 28, 2012
- Panel, Careers in New Media, RTX Conference, Austin, July 2012
- Panel, @you: Making Social Media Work for You and Your Business, Austin Women's Conference, Nov. 2011
- Teach-a-thon, Storify It, Journalism Interactive, University of Maryland, Oct. 2011
- "If I Were In Charge" panel, Seven Things Everyone Should Know, Online News Association, Boston, Sept. 2011
- Panel, Social Media in the Classroom, AEJMC National Convention, St. Louis, Aug. 2011
- Panel, Social Media for Magazines, AEJMC National Convention, St. Louis, Aug. 2011
- I'm With the Band, Social Media Club of Austin, June 21, 2011- moderator
- Rockin' the Checkin: Location-based Strategies for Musicians - SXSWi 2011 - hosted panel with member of Gowalla
- Social Media Panel, Tri-County Summit, San Marcos Hispanic Chamber, Nov. 2010
- Influence and Innovate: Transforming Media Education - SXSWi 2010 - proposed and hosted panel including members of Politifact and NY Times
- Gaming as a Gateway Drug: Introducing Girls to Technology - panel SXSWi 2009 - invited panelist
- Guest Speaker, "Social Media Techniques," Marquette University, October 2009
- Guest Speaker, "Social Media" and "Trends in Multimedia," Indiana University, April 2009
- Guest Speaker, "Trends in New Media," ASNE Reynolds High School Journalism Institute, 2008 -2010
- Presentation - Trends in Interactive Advertising, American Advertising Federation, Jan. 25, 2008
- Presentation - Trends in Multimedia, to Society of Professional Journalists, Nov. 29, 2007
- Presentation - Creating a Photo Slideshow in Flash, Teaching and Working in a Multimedia World, AEJMC National Convention Workshop, August 8, 2007
- Hosted panel - The YouTube Effect: User-Generated Content and Viral Marketing, AEJMC National Convention, Washington, D.C., August 10, 2007
- Presentation at National Writer's Workshop panel - Stories Degree Zero: Enacting Journalism in a Multimedia

Environment, San Antonio, TX, May 19, 2007
- Presentation - Social Media, Round Rock campus, March 6, 2007
- Presentation to Bobcat Promotions - Introduction to Web Design, April 13, 2007
- Guest lecturer, Advertising Campaigns class - Interactive Media in Advertising, April 3, 2007
- Analysis of Teaching Multimedia: Top Programs, Unique Approaches, presented to SJMC faculty, October 6, 2006

Knight Fellowship
- Introduction to Spreadsheets, Data Visualization Workshop, Institute for Justice and Journalism, Feb. 2014
- Coding for Journalists Training, JS Knight Fellowship, Stanford, Feb. 2014
- Guest lecture, Web Design, University of California – Santa Cruz, Nov. 2013

Virginia Commonwealth University
- Guest Lecturer, Communication Technology and Global Society, November 15, 2005
- Presentation, Media, Art & Text, Interdisciplinary Ph.D., State Council of Higher Education for Virginia, Nov. 11, 2005

The University of Texas at Austin
- Guest Lecturer, Writing and Editing for Print and Online Publishing, May 27, 2004
- Guest Lecturer, News Media Writing and Editing, Convergence, April 29, 2004
- Guest Lecturer, Women and News course, Women and the Web, April 20, 2004
- Taught Going Online at Interscholastic League Press Conference, April 17, 2004
- ASNE High School Journalism Institute, Web Design Presentation, Summer 2001-2004
- Taught Flash courses at National Press Photographers Association Conference, February 2001
- Taught Flash course at Texas State University, April 7, 2001

Committees and Service
Texas State University
- MILab Journal: Adventures in Media Innovation, Founding Editor, 2020-present
- Media Innovation Lab, Founding Director, 2016-present
- Director, PhDigital Bootcamp, 2018-2020
- Digital Media Innovation Program Head, 2014-present
- Texas State Academic Computing Committee, 2017-2019
- Innovation and Economic Prosperity Committee, 2015
- Founded Digital Media Speaker series, 2015-2018
- Founded Digital Dash Short Course Series, 2015-present
- SJMC Teaching Clinic for new graduate assistants
- Mass Comm Week Director 2011-2012; Committee, 2007-present
- Graduate Committee, School of Journalism and Mass Communication, 2008-present
- Curriculum Committee, School of Journalism and Mass Communication, 2010-present
- Technology and Facility Committee, School of Journalism and Mass Communication, 2006-present
- Library Committee, School of Journalism and Mass Communication, 2006-2008
- Ad Hoc Ph.D committee, School of Journalism and Mass Communication, 2007-2008
- Co-adviser, TXST Social Media Club, 2010-present

Virginia Commonwealth University
- VCU Interdisciplinary Ph.D. in Media, Art, and Text committee
- VCU School of Mass Communications Technology, Internship, and Curriculum committees
- VCU Search Committee for joint appointment position in History and Media Studies to support Interdisciplinary Ph.D. Program
- Search committee, outside member, History and Media Studies, Fall 2005

The University of Texas at Austin
- Curriculum Coordinator, ASNE High School Journalism Institute, 2001-2005
- Organized and scheduled Web and Design teaching assistants, 2002-2005
- Organized Symposium in Online Journalism, Spring 2001

Training and Development
Texas State University - 2006-present
- Mobile Development Training, Lynda.com, 2017.
- Java, database and Web development courses at Stanford University, 2013-2014.
- Data Journalism, online course, September 2013.
- Data Visualization, Knight Foundation, online course, Nov. 2012
- Intro to Data Viz and Elections Workshop, Online News Association, Sept. 2012
- NewsCamp and CAR conference, IRE, Raleigh, NC, Feb. 2011
- Poynter Fellowship, Programming for Journalists Seminar, St. Petersburg, Fl, August 2010.
- Ruby on Rails Training, Online News Association, Washington, DC, October, 2010
- Ruby on Rails Training, Marakana Training Center, San Francisco, January 2010
- Ruby on Rails Training, Online News Association, Washington, DC, September 2008
- Think Python, Summer 2010
- Lynda.com training - JavaScript, JQuery, HTML5, CSS3, Ruby on Rails. Flash CS5/ActionScript3
- Completed Texas State Program for Excellence in Teaching and Learning., 2006-2007
- Attended Adobe Seminar Production Studio and Flash, October 3, 2006

Virginia Commonwealth University - 2005-2006
- Completed VCU Center for Teaching Excellence Program, 2006

Community and Professional Leadership
- Co-founder of Austin chapters of Hacks/Hackers, 2010 and Online News Association, 2011
- Co-director, Best of the Web competition, AEJMC Communication Technology Division, 2006-2007, hosted annual awards panel at national convention
- Webmaster, School of Mass Communications, Virginia Commonwealth University, October 2005-present

Reviewer
- Reviewer, Women's Media Center Report on the Status of Women in Media, 2013-2017
- Reviewer, Multimedia Journalism text, Oxford University Press
- Reviewer, Multimedia Journalism text proposal, Pearson, Allyn & Bacon
- Judge, Austin American-Statesman Essay Contest
- Reviewer, Social Science Computer Review
- Reviewer, Journal of Computer-Mediated Communication
- Reviewer, Southwest Symposium
- Judge, AEJMC Best of the Web
- Reviewer, Southwestern Mass Communication Journal
- Reviewer, AEJMC, Communication Technology Division,
- Reviewer, International Symposium in Online Journalism, UT
- Reviewer, *Web Wizard's Guide to Photoshop,* Addison-Wesley

Participation in Professional Organizations

- Attended SRCCON Product, Philadelphia, February 2020
- Invited to and attended Newsgeist, Arizona State University, 2016 & 2017
- Association for Education in Journalism and Mass Communication, Strategic Planning Committee 2016-2017
- International Communication Association
- Association of Internet Researchers
- Online News Association
- Investigative Reporters and Editors
- Hacks/Hackers - co-founder of Austin chapter
- Austin on Rails
- Refresh Austin

Professional Certifications

- Google Analytics IQ Certification, 2017
- Google Educator 1 and 2, 2017
- Google Mobile Site Certification, 2017
- Hootsuite Platform Certification, 2017
- Hootsuite Social Marketing Certification, 2017
- HubSpot Inbound Certification, 2017
- HubSpot Content Marketing Certification, 2017
- Facebook for Journalists Certification, 2017