

SUSAN ELIZABETH SWANBERG
Assistant Professor
School of Journalism
College of Social and Behavioral Sciences
University of Arizona

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CURRENT POSITION

Assistant Professor, School of Journalism, University of Arizona

OTHER AFFILIATIONS

UA Faculty affiliate – American Literary Translators Association (ATLA)

RESEARCH INTERESTS

Journalism's historical portrayal of national and global scientific knowledge, events and policies; scientific propaganda and the nuclear age; scientific expertise, agnotology and the public understanding of science; science journalism's portrayal of "difficult histories" including the American eugenics movement and Hiroshima.

TEACHING AREAS

Reporting the news, media law, science journalism, environmental journalism, issues in covering science and the environment.

EDUCATION

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| University of Arizona School of Journalism | M.A., Journalism - 2014 Professional Project: <i>Stung!</i> <i>Arizona's Bark Scorpion: Victims, Venom, and the Orphaning of an Antivenin</i> Advisor: Professor Carol Schwalbe |
| University of California, Davis | Ph.D., Genetics - 2005 Dissertation: <i>Telomere length regulation in an avian model</i> Kinsella Memorial Dissertation Prize Advisor: Dr. Mary Delany |
| California State University, Sacramento | M.S., Biological Sciences - 2000 Thesis: <i>The PKR-Binding Properties of Mouse Sine</i> Advisor: Dr. Ruth Ballard |
| University of Oregon School of Law | J.D., Law - 1978 |
| University of Oregon | B.A., Psychology - 1975 |

ACADEMIC EXPERIENCE

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|----------------------|---|--------------|
| Assistant Professor | UA School of Journalism <ul style="list-style-type: none"> • Reporting the News (Jour 205) • International and U.S. Media Law (Jour 509) • Science Journalism (Jour 472/572) • Environmental Journalism (Jour 455/555) • Independent study (Jour 599) • Honors thesis (Jour 498H) | 2015-present |
| Teaching Assistant | UA School of Journalism <ul style="list-style-type: none"> • Science Journalism (Jour 472/572) | Fall 2013 |
| Graduate Assistant | UA Department of Molecular and Cellular Biology <ul style="list-style-type: none"> • Recombinant DNA Applications and Methods (MCB 473/573) | Fall 2012 |
| Postdoctoral Scholar | University of California, Davis Department of Animal Science Delany Laboratory <ul style="list-style-type: none"> • Research areas <ul style="list-style-type: none"> ○ Telomere biology ○ Avian genetics | 2009-2011 |
| Postdoctoral Fellow | University of California, Davis M.I.N.D. Institute – School of Medicine <ul style="list-style-type: none"> • Autism Research Training Program • Research areas <ul style="list-style-type: none"> ○ Autism genetics and epigenetics ○ Human genetics and epigenetics ○ Mouse genetics and epigenetics • Grants: <ul style="list-style-type: none"> ○ 5T32MH073124-02 (trainee) ○ 1F32HD055143-01 • Teaching experience <ul style="list-style-type: none"> ○ Guest lectures in genetics and epigenetics (2005-2008) ○ Flow cytometry intensive short course: “Laser Scanning Cytometry: Methods and Applications,” (2007). | 2005-2008 |
| Doctoral Researcher | University of California, Davis Department of Animal Science Delany Laboratory <ul style="list-style-type: none"> • Research areas: <ul style="list-style-type: none"> ○ Telomere biology ○ Avian genetics • Teaching experience <ul style="list-style-type: none"> ○ Avian Science 190/290 - (co-taught) ○ Animal Science 291 – (seminar) | 2000-2005 |

ACADEMIC EXPERIENCE (cont.)

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| Graduate Researcher | California State University, Sacramento | 1998-2000 |
| | <ul style="list-style-type: none"> • Research areas <ul style="list-style-type: none"> ○ Short Interspersed Elements (SINES) ○ Mouse genetics ○ Protein Kinase R (PKR) and mouse B2 RNA | |
| TA - Systemic Physiology | California State University, Sacramento | 1997 |

PRIOR LEGAL EXPERIENCE

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| Twin Falls County Public Defender | | 1979-1981 |
| City Attorney – Twin Falls, Idaho | | 1981-1983 |
| Kootenai County Prosecutor’s Office – Civil Deputy | | 1983-1984 |
| Santa Clara County Public Defender | | 1985-1989 |
| Tondreau, Schroeder, Pointer, Swanberg, and Saldivar | | 1990-1993 |
| Susan E. Swanberg, Attorney at Law | | 1994-1995 |

JOURNALISM EXPERIENCE

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| Executive Editor <i>SciView</i> A print magazine featuring the work Of UA science journalism students | | 2016 |
| Freelance Journalist and Photojournalist <i>Green Valley News/Sahuarita Sun</i> Green Valley, Arizona | | 2014-2015 |
| Wick Science Journalism Intern <i>Green Valley News/Sahuarita Sun</i> Green Valley, Arizona | | 2014 |
| SciLogs Blogger <i>The Tenacious Telomere</i> in association with Nature.com: science stories with video and photography by the author. Archived at: https://web.archive.org/web/*/http://www.scilog.com/tenacious-telomere/ | | 2014-2016 |
| Advisor, Author, Photographer <i>SkyView</i> A print magazine featuring the work of UA journalism students | | 2014 |
| Science Writing Mentor <i>Journal of Young Investigators</i> http://www.jyi.org | | 2014-2015 |
| Creator and Editor <i>The Fourth Helix, the Science Site for Baby Boomers</i> http://www.thefourthhelix.com | | 2013-2015 |

JOURNALISM EXPERIENCE (cont.)

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| Content Editor, Author, Photographer, Videographer <i>Scientific Tucsonan</i> An online magazine featuring the work of UA journalism students | 2013 |
| Journalism instructor and/or mentor Dow Jones Newspaper Fund Diversity in Journalism Workshop for High School Students at the University of Arizona | 2012 – 2019 |
| Photojournalist Various print and online publications | 2012-2015 |
| Occasional Contributor <i>Arizona Daily Star, Tucson Weekly, The Range,</i> <i>Scientific American Blog Network, BizTucson,</i> Western National Parks Association website | 2012-2015 |
| Author and Photographer <i>BioView</i> , A print magazine featuring the work of UA journalism students | 2012 |

RESEARCH**RESEARCHGATE STATISTICS (As of 8.7.20)**

| | | |
|--------------------------|---------------------|----------------|
| Research Interest: 483.2 | RG Score: 20.52 | citations: 927 |
| | <i>h</i> -index: 10 | reads: 2094 |

SCIENTIFIC RESEARCH

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| Postdoctoral Scholar <i>Delany Laboratory</i> Animal Science Department University of California, Davis | 2009-2011 |
| Postdoctoral Fellow <i>M.I.N.D. Institute Autism Research Training Program</i> Interdisciplinary Training Program for Autism Researchers U. C. Davis-School of Medicine 5T32MH073124-02 & 1F32HD055143-01 | 2005-2008 |
| Doctoral Research <i>Delany Laboratory</i> University of California, Davis Department of Animal Science | 2000-2005 |
| Master's Research California State University, Sacramento Department of Biological Sciences | 1998-2000 |

Miscellaneous Scientific Training

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| Human Embryonic Stem Cell Course <i>Buck Institute for Age Research</i> A week-long course in basic methodology required for the culture of human embryonic stem cells. | 2008 |
| Laboratory Management Institute University of California, Davis Training program developed in collaboration with the Howard Hughes Medical Institute and the Burroughs Wellcome Foundation- a two-day training session followed by monthly meetings on laboratory management. | 2006-2007 |

Scientific Research Awards, Fellowships, Scholarships, Grants and Honors*Extramural*

- NIH Individual NRSA Fellowship - (1F32HD055143-01) (2007-2008)
- NIH Training Grant (trainee) - UC Davis MIND Institute - Interdisciplinary Training Program for Autism Researchers (2005-2007)
- American Foundation for Aging Research Fellowship (2005)
- Reduced Fee Award: EMBO/58th Harden Conference-Telomeres and Genome Stability (2004)
- Travel Award: 13th North American Colloquium on Animal Cytogenetics & Gene Mapping (2003)
- Glenn/AFAR Scholarship for Research in the Biology of Aging (2003)

Intramural

- Kinsella Memorial Dissertation Prize, UC Davis (2006)
- Hart/Cole/Goss Summer Research Fellowship (2005, 2001)
- Austin Lyons Fellowship (2002-2003, 2003-2004, 2004-2005)
- Herbert Kraft Fellowship (2001-2002)
- Jastro Shields Research Award (2003)

Intramural (cont.)

- UC Davis and Humanities Graduate Research Award (2002)
- Phi Sigma Honor Society (2001)
- UC Davis Departmental Fellowship Awards and Research Assistantship (2000-2001)
- Sigma Xi Honor Society

SCIENTIFIC PUBLICATIONS**Book chapters**

- Swanberg, S.E.**, "Telomeres and telomerase in birds: Measuring health, environmental stress and longevity," In *Handbook of Models for Human Aging (2nd edition)* (editors: J.L. Ram & M. Conn). Academic Press/Elsevier (2018). <https://www.elsevier.com/books/conns-handbook-of-models-for-human-aging/ram/978-0-12-811353-0>
- Swanberg, S.E.** and M.E. Delany, Telomeres in aging: Birds. In *Handbook of Models for Human Aging* (editor: M. Conn). Academic Press/Elsevier (2006).

Peer-reviewed scientific articles

- Swanberg, S.E.**, T.H. O'Hare, E.A. Robb, C.M. Robinson, H. Chang, M.E. Delany, Telomere biology of the chicken: A model for aging research. *Experimental Gerontology*, (2010).
- Maezawa, I., **S.E. Swanberg**, J.M. LaSalle, L-W Jin, Rett Syndrome astrocytes are abnormal and spread the MeCP2 deficiency state through gap junctions. *Journal of Neuroscience* 29(16): 5051-5061 (2009).
- Swanberg, S.E.** R.P. Nagarajan, J.M. LaSalle, Reciprocal co-regulation of EGR2 and MECP2 is disrupted in Rett Syndrome and autism. *Human Molecular Genetics* 18(3): 525-534 (2009).
- Nagarajan, R., K. Patzel, M. Martin, D. Yasui, **S. Swanberg**, I. Hertz-Picciotto, R. Hansen, J. Van de Water, I. Pessah, P. Jiang, W. Robinson, J. LaSalle, *MECP2* promoter methylation and X chromosome inactivation in autism. *Autism Research* 1(3): 169-178 (2008).
- van de Lavoie, M-C., C. Mather-Love, P. Leighton, J.H. Diamond, B.S. Heyer, R. Roberts, L. Zhu, P. Winters-Digiacinto, A. Kerchner, T. Gessaro, **S. Swanberg**, M.E. Delany, R. J. Etches, Germline Transmission of genetically modified primordial germ cells. *Nature* 441(7094): 766-769 (2006).
- van de Lavoie, M-C., C. Mather-Love, P. Leighton, J.H. Diamond, B.S. Heyer, R. Roberts, L. Zhu, P. Winters-Digiacinto, A. Kerchner, T. Gessaro, **S. Swanberg**, M.E. Delany, R. J. Etches, High Grade Transgenic somatic chimeras from chicken embryonic stem cells. *Mechanisms of Development* 123: 31-41 (2006).
- Swanberg, S.E.** and M.E. Delany, Differential expression of genes associated with telomere length homeostasis and oncogenesis in an avian model. *Mechanisms of Ageing and Development* 126: 1060-1070 (2005).
- Swanberg, S.E.** and M.E. Delany, Telomerase activity and differential expression of telomerase genes and c-myc in chicken cells *in vitro*. *Developmental Dynamics* 231: 14-21 (2004).
- Swanberg, S.E.** and M.E. Delany, Dynamics of telomere erosion in transformed and non-transformed avian cells *in vitro*. *Cytogenetic and Genome Research* 102(1-4): 318-325 (2003). Reprinted in *Animal Genomics*, B. Chowdhary (Ed), Basel, Switzerland: Karger Publishers, 2004.
- Delany, M.E., L.M. Daniels, **S.E. Swanberg**, and H.A. Taylor. Telomeres in the chicken: genome stability and chromosome ends. *Poultry Science* 6:917-926 (2003).

Selected Scientific Abstracts and Presentations

- Swanberg, S.E.** Transcription of TERRA from avian telomeres. *Animal Science Department Seminar*, University of California, Davis (2011).
- Swanberg, S.E.** T.H. O'Hare, M.E. Delany, Transcription of TERRA from avian telomeres. *Abstract/Poster presented at the Cold Spring Harbor Laboratory meeting on Telomeres and Telomerase* (2011).
- Swanberg, S.E.**, R.P. Nagarajan, D. Yasui, S. Peddada, J.M. LaSalle, Reciprocal co-regulation of *EGR2* and *MECP2* is disrupted in Rett Syndrome and autism. *Platform talk at the ASHG Annual Meeting* (2008).
- Maezawa, I., **S.E. Swanberg**, J.M. LaSalle, L-W Jin, Rett Syndrome astrocytes are abnormal and spread the MeCP2 deficiency state through gap junctions. *Abstract submitted to the Annual Meeting of the American Society for Neurochemistry (late-breaking abstracts)* (2008).
- Swanberg, S.E.**, Raman P. Nagarajan, J.M. LaSalle, Early Growth Response Gene 2 (EGR2) is dysregulated in autism and Rett Syndrome brain. *Abstract submitted to the Society for Neuroscience (SFN)* (2007).
- Swanberg, S.E.**, J.M. LaSalle, Co-regulated expression of Early Growth Response Gene 2 (EGR2) and MECP2. *Abstract/Poster--International Meeting for Autism Research (IMFAR)* (2007).

Selected Scientific Abstracts and Presentations (cont.)

- Swanberg, S.E.**, J.M. LaSalle, Regulation of Early Growth Genes EGR1 and EGR2 by MeCP2. *Abstract/Poster presented at the 8th Annual Rett Syndrome Symposium* (2006).
- Swanberg, S.E.**, MeCP2 and brain development. *Oral presentation at the U.C. Davis M.I.N.D. Institute Weekly Research Meeting* (2006).
- Swanberg, S.E.**, J.M. LaSalle, Regulation of Early Growth Response Gene 2 (EGR2) by MeCP2. *Abstract/Poster presented at the International Meeting for Autism Research* (2006).
- Swanberg, S.E.**, Telomere length regulation in the domestic chicken. *Oral presentation at the University of California Davis Animal Science Department Spring Seminar Series* (2005).
- Swanberg, S.E.**, Telomerase as a marker for chicken embryonic stem cells. Oral presentation at the *Stem Cell Journal Club-University of California, Davis* (2005).
- Swanberg, S.E.**, M.E. Delany. Relative expression of genes implicated in telomere length regulation by quantitative Taqman® real-time PCR in avian cells. Abstract and poster presented at the *57th Annual Scientific Meeting of the Gerontological Society of America* (2004).
- Swanberg, S.E.**, M.E. Delany. Expression of telomere binding protein mRNA in transformed and non-transformed avian cells *in vitro*. Telomeres and Genome Stability. Abstract and poster presented at the *EMBO Workshop/58th Harden Conference* (2004).
- Swanberg, S.E.**, M.E. Delany. Avian Telomere Biology: A Dynamic Endgame. Poster/Oral presentation at the *13th North American Colloquium on Animal Cytogenetics & Gene Mapping* (2003).
- Swanberg S.E.** Telomerase profiles in transformed and non-transformed avian cell lines. Oral presentation at the *Poultry Workshop: Plant, Animal and Microbe Genomes X Conference*. San Diego (2002).
- Swanberg, S.E.**, H.D. Hunt, W.S. Payne, J.B. Dodgson and M.E. Delany. The characterization and comparison of telomerase activity in transformed and non-transformed chicken cell lines. Poster presented at the *Plant, Animal and Microbe Genomes X Conference*. San Diego (2002).

Peer-reviewed database entries

- Swanberg, S.E.**, T.H. O'Hare, M.E. Delany, Telomere Maintenance [*Gallus gallus*] in the Reactome - a curated knowledgebase of biological pathways.
<https://reactome.org/PathwayBrowser/#/R-GGA-418124&SEL=R-GGA-417076&PATH=R-GGA-1670466> (2010).
- Swanberg, S.E.**, T.H. O'Hare, M.E. Delany, Assembly of Telomerase and Telomere Extension in the Reactome - a curated knowledgebase of biological pathways.
<https://reactome.org/PathwayBrowser/#/R-GGA-418124&SEL=R-GGA-417076&PATH=R-GGA-1670466> (2010).

JOURNALISM RESEARCH***Journalism Research Awards, Fellowships, Scholarships, Grants, and Honors***

- Rising Scholar Award - American Journalism Historians Association - \$2,000 award included (2018).
- Junior Faculty Research Leave (2018)
- Udall Fellow: Udall Center for Studies in Public Policy, University of Arizona (2018)
- "With Conviction: Reporting on Science in the Courtroom," (\$13,000 NASW grant - 2015).
- Best Data Visualization Project, "No lawyer, No Voice" (with Astrid Galvan, Kate Gunby, Jeannine Relly, Celeste Bustamante-Gonzalez, Lucio Villa, and Brian White). Institute for Justice & Journalism Migrahack (2015)
- Outstanding Graduate Student, University of Arizona School of Journalism (2013)
- Fourth Place, Equine Ideal Photography Contest, Amateur Division, wild horses (2013)
- Honorable Mention - AEJMC Student Magazine Contest - First Person Category (2012)

Journalism Research Awards, Fellowships, Scholarships, Grants, and Honors (cont.)

- Steve Emerine Scholarship (2012)
- Bernice Cosulich Scholarship (2012)

JOURNALISM PUBLICATIONS**Peer Reviewed**

- Swanberg, S.E.** "Borrowed Chronicles: New York Times Science Journalist, William L. 'Atomic Bill' Laurence and the Reports of a Hiroshima Survivor," in *Legacies of the Manhattan Project: Reflections on 75 Years of a Nuclear Age*, Michael Mays, ed., Hanford Histories Series Volume II. (Pullman, WA: WSU Press, 2020), 29-48.
<https://wsupress.wsu.edu/product/legacies-of-the-manhattan-project/>
- Swanberg, S.E.** "'The Way of the Rain': Towards a conceptual framework for the retrospective examination of historical American and Australian 'rain follows the plow/plough' messages," *International Review of Environmental History* 5(2): 67-96 (2019).
- Swanberg, S.E.** "'Wounded in Mind': Science Service Writer, Marjorie Van de Water, Explains World War II Military Neuropsychiatry to the American Public," *Media History* (2019). DOI: 10.1080/13688804.2019.1652582
- Swanberg, S.E.** "Psychological Armor: *The Science News-Letter* Warns Against Propaganda (1926-1965)," *Journalism Studies* 20(13):1883-1902 (2018).

Book Reviews

Matthew Roby* and **Swanberg, S.E.** "Fact or Fiction? Researchers Examine Our Shared Concern," review of *The Oxford Handbook for the Science of Science Communication*, ed. Kathleen Hall Jamieson, Dan Kahan, and Dietram A. Scheufele (New York, NY: Oxford University Press, 2017) forthcoming in *Literary Journalism Studies*.

***student collaborator**

- Swanberg, S.E.** "Crux of the Matter: Renewing an Acquaintance with John Hersey," review of "Mr. Straight Arrow: The Career of John Hersey, Author of Hiroshima," *Literary Journalism Studies*, Vol 11, No. 2, December 2019, pp. 175-178, https://ialjs.org/wp-content/uploads/2020/01/15-LJS-v11n2_Bk-Rev_Hersey.pdf
- Swanberg, S.E.** "The Limits of Memory and Vicissitudes of Truth," review of *Kept Secret: The half-truth in nonfiction*," *Literary Journalism Studies*, Vol 9, No.2, Fall 2017, pp. 139-141, <http://ialjs.org/wp-content/uploads/2017/11/Book-Reviews-130-149.pdf>

Miscellaneous

Swanberg, S.E. "Swanberg on Her Research on John Hersey and Hiroshima Eyewitness, John A. Siemes, S.J.," (August 2, 2017) *Intelligencer*, Retrieved from <https://ajha.wildapricot.org/Intelligencer/5009523>

Swanberg, S.E. (2017). "Notes from an Undercover Literary Journalism Fan," *Literary Journalism: The Newsletter of the IALJS*, 11(3): 24.

Published and Draft Datasets – moderated but not peer-reviewed – associated with published manuscripts or manuscripts in review.

- Swanberg, S.E.** (2019). "'Well-bred and well-fed,' The Science Service Covers Eugenics: 1924 to 1966", Mendeley Data, V5, doi: 10.17632/n9tv9hzzhr.5
- Swanberg, S.E.** (2018). "Psychological Armor: Science Service Warns Against Propaganda in The Science News-Letter (1926-1965)," DOI 10.17632/z4jc73tsrd.3
- Swanberg, S.E.** (2019). "Borrowed Chronicles" Dataset (draft) – This dataset describes the locations and sets for specific examples of William L. Laurence's plagiarism of the writings of Father John B. Siemes, S.J. Mendeley Data, V1, doi: 10.17632/y4ffj425jw.1

WORK IN PROGRESS, SUBMITTED OR IN REVIEW**NEH grant application in review**

Swanberg, S.E. *Stunt Girl: Ester Blenda Nordström Sweden's Pioneering Journalist, and her American Doppelgänger, Nelly Bly.*

Book Proposal submitted to Routledge 8.6.20

Swanberg, S.E. *Nuclear Shadows: The Legacy of New York Times Science Journalist and War Department Propagandist, William L. "Atomic Bill" Laurence.*

Journal Articles – submitted, in revision or in preparation

Swanberg, S.E. "'Well-bred and well-fed,' The *Science News-Letter's* Coverage of Eugenics from 1924 to 1965," (revisions submitted to *American Journalism* 8.5.20).

Swanberg, S.E. "Writing Under the Influence: Reflections on the provenance of Johannes A. Siemes, S.J.'s eyewitness report and its impact on John Hersey's *Hiroshima*," (in review at *Literary Journalism Studies*).

Swanberg, S.E. "Dire Predictions: News Coverage of the 2014-2015 Ebola Epidemic and the Mathematical Modeling that Drove the News Cycle," (in preparation).

Swanberg, S.E. "The Disney Hypothesis of Environmental Agnotology: Reflections on the Disneyfication of a Generation's Environmental Values," (in preparation).

Journalism Conferences/Scholarly Presentations/Submitted Abstracts

Fuchs, L.* and **Swanberg, S.E.** "Defining the Role of Science Journalism in an Era of Change: Science Service Reports on Darwin, the Scopes Trial and Developmental Embryology," accepted for presentation at the *Joint Journalism and Communication History Conference* (JJCHC2020) which was to be held on March 14, 2020 in NYC. *student collaborator

Kolodij, N.* and **Swanberg, S.E.** "Art and Music as a Means of Conveying Information About the State of the Planet," presented at the *Southwest Popular/American Culture Association* (SWPACA2020) conference in Albuquerque, New Mexico on February 22, 2020. *student collaborator

Swanberg, S.E. "Ester Blenda Nordström: En tidningskvinna bland tidningskvinnor (a newswoman among newswomen), abstract submitted for consideration by the *International Association of Literary Journalism Studies* (IALJS-15) conference was to be held in Copenhagen, Denmark from May 21-23, 2020 – cancelled due to pandemic.

Swanberg, S.E. "Averill Liebow: A Physician Observes and Translates the Aftermath of the Manhattan Project," abstract submitted for consideration by the organizers of the *Legacies II: The Manhattan Project and its Afterlives* conference to be held in Hanford, Washington in fall 2020 – conference cancelled.

Swanberg, S.E. "'Well-bred and well-fed,' The *Science News-Letter's* Coverage of Eugenics from 1924 to 1965," presented at the *Joint Journalism and Communication History Conference* in New York City on March 9, 2019.

Swanberg, S.E. "The Way of the Rain Goes 'Viral': A Nineteenth-Century Environmental Poem Travels from Settlement-Era North America to South Australia," presented at the *Southwest/American Popular Culture Association 40th Annual Conference* in Albuquerque, New Mexico on February 22, 2019. Note: Date changed from original program.

Swanberg, S.E. "Wounded in Mind: Marjorie Van de Water of the Science Service and her Campaign for Humane Treatment of Battle-Weary World War II Soldiers," presented at the *History of Science Society Annual Meeting* in Seattle, Washington on November 2, 2018. <https://tinyurl.com/yajeg6us>

Journalism Conferences/Scholarly Presentations/Submitted Abstracts (cont.)

- Swanberg, S.E.** "Farming Outside the Lines: Rain Follows the Plow in 21st Century Art and Popular Culture," Presented at the *Society for Social Studies of Science* Annual Conference in Sydney, Australia, August 31, 2018. (Note: not the same paper presented at the SWPACA conference in Albuquerque, New Mexico on February 10, 2018).
- Swanberg, S.E.** "Psychological Armor: The Science Service Warns Against the Dangers of Propaganda in its Science News-Letter (1929-1965)," Presented at the *Joint Journalism and Communication History Conference (JJCHC)* at New York University on March 11, 2018.
- Swanberg, S.E.** "Rain Follows the Plow: A Debunked Nineteenth Century Theory of Climatology Still Reverberates in Popular Culture," Presented at the *Southwest Popular/American Culture Association 39th Annual Conference* in Albuquerque, New Mexico on February 10, 2018.
- Swanberg, S.E.** "Borrowed Chronicles: *New York Times* Science Journalist William L. 'Atomic Bill' Laurence and the Reports of a Hiroshima Survivor," presented at the *Legacies of the Manhattan Project at 75 Years* conference in Richland, Washington on March 16, 2017.
- Swanberg, S.E.** "Nuclear shadows: The legacy of *New York Times* science journalist and War Department propagandist, William L. 'Atomic Bill' Laurence," presented at the *Joint Journalism and Communication History Conference (JJCHC)* at New York University on March 11, 2017.
- Swanberg, S.E.** "Walt Disney's 'The Living Desert': Documentary or Docufiction?" presented at the *Southwest Popular/American Culture Association 38th Annual Conference* in Albuquerque, New Mexico on February 18, 2017.

Conference Panel Participation

- Moderator, "Reclaiming the Narrative: Social Movements & Strategies of Representation," *Joint Journalism and Communication History Conference* in New York City on March 9, 2019.
- Panelist and Presenter, "'Well-bred and well-fed,' The *Science News-Letter's* Coverage of Eugenics from 1924 to 1965," presented at the *Joint Journalism and Communication History Conference* in New York City on March 9, 2019.
- Panelist and Presenter, ecocriticism, "'The Way of the Rain Goes 'Viral': A Nineteenth-Century Environmental Poem Travels from Settlement-Era North America to South Australia," presented at the *Southwest/American Popular Culture Association 40th Annual Conference* in Albuquerque, New Mexico on February 22, 2019.
- Panelist and Presenter, "Wounded in Mind: Marjorie Van de Water of the Science Service and her Campaign for Humane Treatment of Battle-Weary World War II Soldiers," presented at the *History of Science Society* Annual Meeting, Seattle, Washington, November 2, 2018.
- Moderator, "Paper Session: Looking Back, Looking Forward: Lessons for the Future," *American Journalism Historians Association* annual meeting, Salt Lake City, October 5, 2018.
- Provided perspective for "Pseudoscience in Popular Culture – A Musical Conversation," presented at the *Society for Social Studies of Science* Annual Conference at the Sydney International Convention Center in Sydney, Australia, August 31, 2018.
- Panelist and Presenter, "Preserving the Desert Bighorn Sheep: A Literary Journey," presented at the Thirteenth Conference for *Literary Journalism Studies (IAJLS-13)*, Austrian Academy of Sciences, Vienna, Austria May 17-19, 2018.
- Presenter, "Social, Political, and Economic Theory as Policy 'Relevance-Makers' for Environmental History," Annual Conference - *American Society for Environmental History*, Riverside, California, March 17, 2018.

Conference Panel Participation (cont.)

- Presenter, "Social, Political, and Economic Theory as Policy 'Relevance-Makers' for Environmental History," Annual Conference - *American Society for Environmental History*, Riverside, California, March 17, 2018.
- Moderator, "War Part II: From Nuclear War to ISIS," *Joint Journalism & Communication History Conference (JJCHC)* at New York University, March 10, 2018.
- Presenter, Ecocriticism, "Rain Follows the Plow: A Debunked Nineteenth Century Theory of Climatology Reverberates in Popular Culture of the 21st Century," *Southwest Popular/American Culture Association 39th Annual Conference*, Albuquerque, New Mexico, February 10, 2018.
- Panelist, Worldwide War Coverage in the 20th Century, *International Conference for Literary Journalism Studies (IALJS-12)*, Halifax, Nova Scotia, Canada, May 13, 2017.
- Panelist, Telling Stories About the Manhattan Project & Its Legacies, *Legacies of the Manhattan Project at 75 Years* conference in Hanford, Washington, March 16, 2017.
- Panelist and Presenter, The Trouble with Propaganda, *Joint Journalism and Communication History Conference (JJCHC)* at New York University, March 11, 2017.
- Panelist and Presenter, Ecocriticism, *Southwest Popular/American Culture Association 38th Annual Conference* in Albuquerque, New Mexico, February 18, 2017.

Journalism Research in Progress Presentations

- Fuchs, Laura and **Swanberg, S.E.** "Defining the Role of Science Journalism in an Era of Change: Science Service Reports on Darwin, the Scopes Trial, and Developmental Embryology," Abstract accepted research in progress presentation at the *Joint Journalism and Communication History Conference (JJCHC)* at New York University on March 14, 2019.
- Swanberg, S.E.** "What Did They Know and When Did They Know It? A Retrospective on *The Science News-Letter's* Coverage Concerning Health Effects of Atomic Radiation on Hiroshima and Nagasaki Residents," research in progress presented at the *American Journalism Historians Association* meeting in Salt Lake City on October 6, 2018.
- Swanberg, S.E.** "Half-life: *New York Times* science journalist William L. 'Atomic Bill' Laurence, Propagandist for the Atomic Age," research in progress presented at the *American Journalism Historians Association* meeting in St. Petersburg, Florida on October 8, 2016.
- Swanberg, S.E.** "Writing Under the Influence: John Hersey and the Writings of John A. Siemes, S.J.," research in progress presented at the *International Association of Literary Journalism Studies* in Halifax, Nova Scotia, Canada on May 13, 2017.

TEACHING**Awards**

- 2019 Hugh & Jan Harelson Award for Excellence in Teaching – nominated by students, monetary award included
- 2020 Hugh & Jan Harelson Award for Excellence in Teaching – nominated by students, monetary award included
- 2020 Al Litzow Student Engagement Grant for Journalism 205 Own the Learning Project (OWL) monetary award included

Extent of Teaching

2020 Spring Semester

| | | |
|--------------|---|-------------|
| JOUR 205 | Reporting the news (writing emphasis) | 20 students |
| JOUR 455/555 | Environmental Journalism (writing emphasis) | 18 students |
| JOUR 599 | Independent study (graduate level) | 2 students |
| JOUR 909 | Master's Report | 1 student |

Extent of Teaching (cont.)

| | | |
|----------------------|--|-------------|
| 2019 Fall Semester | | |
| JOUR 205 | Reporting the news (writing emphasis) | 20 students |
| JOUR 472/572 | Science Journalism (writing emphasis) | 17 students |
| JOUR 599 | Independent study (graduate level) | 3 students |
| 2019 Spring Semester | | |
| JOUR 498H | Honors Thesis | 1 student |
| JOUR 599 | Independent Study (graduate level) | 2 students |
| JOUR 455/555 | Environmental Journalism (writing emphasis) | 19 students |
| JOUR 509 | Media Law | 14 students |
| 2018 Fall semester | | |
| JOUR 498H | Honors Thesis | 1 student |
| JOUR 599 | Independent Study (graduate level) | 1 student |
| 2017 Fall semester | | |
| JOUR 205 | Reporting the News (writing emphasis) | 19 students |
| JOUR 205 | Reporting the News. (writing emphasis) | 14 students |
| 2017 Spring semester | | |
| JOUR 455/555 | Environmental Journalism (writing emphasis). | 19 students |
| JOUR 509 | Media law | 10 students |
| JOUR 599 | Independent study (graduate level) | 1 student |
| 2016 Fall semester | | |
| JOUR 205 | Reporting the News (writing emphasis) | 19 students |
| JOUR 205 | Reporting the News (writing emphasis) | 19 students |
| 2016 Spring semester | | |
| JOUR 205 | Reporting the News (writing emphasis) | 15 students |
| JOUR 205 | Reporting the News (writing emphasis) | 15 students |
| JOUR 599 | Independent Study (graduate level) | 1 student |
| 2015 Fall semester | | |
| JOUR 472/572 | Science journalism (writing emphasis) | 21 students |

Honors contracts supervised

Haley Epstein - Journalism 205, Reporting the News (fall 2019).

Tommie Huffman – Journalism 455/555, Environmental Journalism (spring 2019).

Samantha Franks – Journalism 205, Reporting the News (fall 2016).

Addeline Stansbury – Journalism 205, Reporting the News (fall 2016).

Corinna Tellez – Journalism 205, Reporting the News (fall 2016).

Carly Oseran – Journalism 205, Reporting the News (fall 2016).

Xiara Rodriguez – Journalism 205, Reporting the News (fall 2016).

Course Development

Developed a syllabus for Jour 599 (3 units) – Independent Study in the Science of Science Communication (2019).

Developed a syllabus for Jour 455/555 (3 units) – Environmental Journalism (2017)

Developed a syllabus for Jour 509 (3 units) – Media law (2017)

Developed a syllabus for Jour 472/572 (3 units) – Science Journalism (2015)

Developed a syllabus for Jour 205 (3 units) – Reporting the News (2016)

Teacher Training

UA OIA Just in Time Workshop

2015

How can I get my class off to a good start?

Facilitated by UA Office of Instruction and Assessment

Teacher Training (cont.)

| | |
|---|------|
| <i>UA OIA Just in Time Workshop</i> | 2015 |
| How can I build a useful syllabus in D2L? Facilitated by UA Office of Instruction and Assessment | |
| <i>UA OIA Just in Time Workshop</i> | 2015 |
| What do new instructors need to know about D2L? Facilitated by UA Office of Instruction and Assessment | |
| <i>UA OIA Just in Time Workshop</i> | 2013 |
| Teaching Online: Online Mini-Course Facilitated by UA Office of Instruction and Assessment | |
| <i>Los Rios Faculty Diversity Internship</i> | 2000 |
| Sacramento City College Semester-long program for prospective community college instructors | |

SERVICE**NATIONAL AND INTERNATIONAL SERVICE*****Professional Associations (past* and present affiliations)***

- History of Science Society
- American Journalism Historians Association
- International Association for Literary Journalism Studies
- Society for Social Studies of Science
- National Association of Science Writers
- Society of Environmental Journalists
- Investigative Reporters and Editors*
- Society of Professional Journalists
- National Press Photographers Association
- Online News Association*
- American Association for the Advancement of Science
- Society for Neuroscience
- The American Society of Human Genetics
- Society for Science and the Public
- The Gerontological Society*

Judge/Reviewer***Essay Contest Judge***

- American Society for Human Genetics DNA Day Essay Contest judge (2016-2020)
“The American Society of Human Genetics (ASHG), founded in 1948, is the primary professional membership organization for human genetics specialists worldwide. The Society’s nearly 8,000 members include researchers, academicians, clinicians, laboratory practice professionals, genetic counselors, nurses and others who have a special interest in the field of human genetics.” <http://www.ashg.org/about/index.shtml>

Reviewer

- American Journalism Historians Association – conference submissions (2018, 2019, 2020)
- Routledge, Taylor and Francis Group (2017)
- *Journalism & Mass Communication Quarterly* (2017)
- Environmental Communications Division of the International Communications Division (December 2016)

Invited presentations and moderated panels

- Panelist, “Media: Does their camera report the truth, the whole truth, and nothing but the truth,” National Association for Civilian Oversight of Law Enforcement (NACOLE), August 5, 2020.
- “Journalism, Law and the Public Understanding of Science: How Can We Figure Out What is True in this Era of ‘Fake’ News?” presented before Honors Colloquium HNRS 395H (November 26, 2019).
- Journalism on Screen at The Loft: premier of “Anthropocene: The Human Epoch,” moderated a post-film panel consisting of Jim Robbins, science journalist and book author, and Dr. Valerie Trouet of the UA Laboratory of Tree Ring Research (September 25, 2019).
- “To the Lab Bench and Beyond,” presentation for the Program to Advance Women Scientists at the University of Arizona (P.A.W.S) (September 23, 2019).
- Guest, “The Bill Buckmaster Show” (host - Ray Ingegneri) 103-KVOA AM, Topic: “The state of journalism and the new semester at the UA School of Journalism,” (August 27, 2019).
- Guest speaker, “The Impact of Disinformation on Science and Journalism,” Arizona Senior Academy, Tucson, Arizona (July 24, 2019).
- Guest speaker, “The Science of Science Communication: How and Why We’ve Fallen for Fake Science News Throughout History,” Department of Sociology, University of Arizona, (April 19, 2019).
- Guest speaker on Arizona 360 with host Lorraine Rivera and fellow guest, Dylan Smith, to discuss increased skepticism toward journalism (April 5, 2019).
- Guest speaker on Arizona 360 with host Lorraine Rivera to discuss media ethics <https://tv.azpm.org/p/as360episodes/2018/2/9/123995-metoo-at-the-capitol-gem-show-stock-market-volatility/> (February 9, 2018).
- Panelist, “Dialogues between Neuroscience and Society,” Undergraduate Neuroscience and Cognitive Science Retreat, UA (January 9, 2018).
- Panelist, AMD Day Storytelling Panel, Centers for Disease Control and Prevention (CDC), Atlanta, Georgia (September 26, 2017).
- Moderator, symposium: Agua Dulce - The Santa Cruz River Heritage Project, Santa Cruz River Research Days: 9th Annual, Pima Community College – Desert Vista Campus (March 30, 2017).
- Guest lecture, UA School of Journalism, Issues in Science and Environmental Journalism class – presentation about Andrew Wakefield and the autism/vaccine scandal (October 2016).
- “How to make your public health stories come alive,” presented at the annual meeting of the Association of Public Health Laboratories (June 2016).
- “The Martian” Panel Discussion, moderated panel of three of UA’s preeminent experts on Mars: Wolfgang Fink, Alfred McEwen and Gene Giacomelli. Event held at the Flandreau Science Center (October 7, 2015).
- “With Conviction: Reporting on Science in the Courtroom,” moderated panel discussions on junk science presented as scientific evidence in the courtroom setting (September 26, 2015).
- “Looking Ahead: Wildfires in 2015,” moderated a panel discussion about the 2015 fire season at the role of the media in reporting Arizona fires, Arizona Republic (2015).
- “The Lab Bench and Beyond: My Path from Scientist to Science Writer,” presentation to pharmacology graduate students, UA Department of Pharmacology, College of Medicine (2014).

Workshop

- “With Conviction: Reporting on Science in the Courtroom,” a workshop on reporting about junk forensic science (2015).
 - Developed concept, wrote and submitted grant proposal to National Association of Science Writers (NASW)
 - Collaborated with faculty in the James E. Rogers College of Law
 - Identified location for workshop, identified and invited speakers
 - Made travel and lodging arrangements for speakers
 - Arranged meals for participants
 - Organized schedule of events
 - Developed written materials for participants
 - Developed website for event
 - Supervised student journalist attendees who wrote stories about the event
 - Supervised student photography, videography and social media for event
 - Moderated event & submitted final report to NASW
 - Videos of workshop presentations are available at: <https://tinyurl.com/yxouxqn>
 - Ray Krone subsequently appeared as a guest speaker in JOUR 205 (on Zoom) at the end of the spring, 2020 semester.
 - Video clips from Ray Krone’s workshop presentation will be included in the CNN series, “Death Row Stories” in May 2020.

UNIVERSITY SERVICE***Committees and boards***

- CUES grant review committee (Spring semester 2020)
- Member, Institute of the Environment Faculty Advisory Committee (February 2019-present)
- Interim member, SBS Faculty Advisory Committee (September 2019-present)
- Member, SBSRI Advisory Board (2016 - 2018)
- Member, School of Journalism Graduate Committee (August 2015 to present)
- Arizona Student Media Advisory Board (2011-2013)
- Conducted postdoc orientation presentations for UAW Local 5810, the Postdoc Union, (2010-2011)
- Animal Science Postdoctoral and Visiting Scholar Committee (2010-2011)
- Department of Animal Science Seminar Committee (2003-2004, 2004-2005)
- UCD Genetics Graduate Group Executive Committee (2003-2004, 2004-2005)

Graduate Student committees

- Chair/advisor master’s project committee of Nina Kolodij (master’s defense – spring 2020)
- Member, master’s project committee of Lauren Trench – UA (master’s defense – fall 2019)
Topic: Ironwood Forest National Monument
- Member, dissertation committee of Matt Roby – UA Natural Resources (Ph.D. defense – fall 2019)
- Member, dissertation committee of Patti Piburn – ASU Journalism (2018-present)
Topic: Yellow Journalism in Western Newspapers
- Member, master’s thesis committee of Emily Ellis – UA (graduated in 2018)
Title: “Fear and Othering: U.S. Media Framing of the 2009 Swine Flu Virus in Mexico.”
- Member, master’s thesis committee of Mikayla Mace – UA (graduated in 2017)
Title: “Newspaper Coverage of Mars in the United States and the United Kingdom, 2011-2016.”
- Chair, master’s thesis committee of Alexandra Cecelia Adamson – UA (graduated in 2016)
Title: That’s So Last Season: Fashion Trend Agenda Setting by Bloggers or Journalists During the Summer of 2016.”

Miscellaneous Departmental Service

- School of Journalism Safety Officer (2019-2020)

Miscellaneous Mentoring

- Women in STEM Mentorship Program (2019-2020)
- Advisor, First-Generation Club for Student Journalists, UA School of Journalism (Fall 2017, Fall 2019, Spring 2020).
- Mentor and/or presenter - Dow Jones Newspaper Fund, Diversity in Journalism Workshop for Arizona High School Students at the University of Arizona (2012 - 2019).
- Supervised the development, editing and submission of six student SBS Downtown Lecture Series stories to Zocalo (1 story) and the Arizona Daily Star (5 stories) – (Fall 2015).
- Science writing mentor, “Journal of Young Investigators, the Premier Undergraduate Science Journal,” (2014 – 2015).

Miscellaneous Journalism Publications

2020

Swanberg, S.E. (2020) “Keeping the lead Out: The endangered California Condor,” *Your American West*, Winter 2019, 4-7. Retrieved February 2, 2020 at:
<https://www.wnpa.org/your-american-west-archive/>

2016

Executive Editor of UA School of Journalism Student Magazine

- *SciView*
 - Supervised writing and editing of stories; magazine design; production and printing
 - Collaborated with AZPM on a broadcast featuring student stories from the above issue of *SciView*. YouTube link to AZPM broadcast:
https://www.youtube.com/watch?v=l4i4T5_aFO0

2015

Swanberg, S.E. (2015) “Tree rings do tell tales: Dendrochronology at Chaco Canyon,” written for the Western National Parks Association (WNPA), <https://www.wnpa.org/research-item/tree-rings-do-tell-tales/>

Swanberg, S.E. (2015) “Proof of life: Tent circles at Bighorn Canyon,” written for the Western National Parks Association, <https://www.wnpa.org/research-item/tent-circles-provide-proof-of-life-on-the-plains/>

Swanberg, S.E. (2015) “The 2011 BioBlitz: Saguaro National Park,” written for the Western National Parks Association.

Swanberg, S.E. (2015) “Keeping the lead Out: The endangered California Condor,” for the Western National Parks Association, <https://www.wnpa.org/research-item/keeping-the-lead-out-the-endangered-california-condor/>

Swanberg, S.E. (2015) “Bats battle fungus: Bat cave microclimates at El Malpais,” written for the Western National Parks Association, <https://www.wnpa.org/research-item/bats-battle-fungus-where-they-sleep/>

Swanberg, S.E. (2015) “A Whiter Shade of Moth,” written for the Western National Parks Association. Archived article available at:
<https://web.archive.org/web/20160331143725/http://www.wnpa.org/research-item/a-whiter-shade-of-moth/>

Miscellaneous Journalism Publications

2015

Swanberg, S.E. (2015) the 2011 BioBlitz Saguaro National Park: A Yearly National Event Occurs in Tucson’s Backyard, written for the Western National Parks Association. Archived article available at:
<https://web.archive.org/web/20150930011241/http://www.wnpa.org/research-item/the-2011-bioblitz-in-saguaro-national-park/>

Miscellaneous Journalism Publications (cont.)

Swanberg, S.E. "Support for living well: New palliative care practitioners upgrade care," *BizTucson*, Fall 2015.

Swanberg, S.E. "Scientist, educator, clinician: Dr. Thomas D. Boyer targets liver disease," *BizTucson*, Summer 2015.

2014

Swanberg, S.E. "Nabhan speaks on cuisine, food insecurity in Tucson," *Arizona Daily Star*, October 23, 2014.

Swanberg, S.E. "Truth about cats and dogs: Canines more eco-friendly," *Arizona Daily Star*, October 17, 2014.

Swanberg, S.E. "Bombs away! But the memories remain at Sahuarita bombing range," *Green Valley News* (Wick Communications) September 24, 2014. Including photography by Susan E. Swanberg.

Swanberg, S.E. "Annual bloomfest lights up the garden," *Green Valley News* (Wick Communications) July 15, 2014. Including photography by Susan E. Swanberg.

Swanberg, S.E. "Little store, big dreams: Mom's passion serves Wrangler Ranch Community," *Green Valley News* (Wick Communications) July 2, 2014. Including photography by Susan E. Swanberg.

Swanberg, S.E. "Fear? Sometimes it's natural, sometimes learned," *Green Valley News* (Wick Communications) June 17, 2014. Including photography by Susan E. Swanberg.

Swanberg, S.E. "Taking the fear out of poison: center fields the tough calls," *Green Valley News* (Wick Communications) April 20, 2014. Including photography by Susan E. Swanberg.

Swanberg, S.E. "Culture keepers: Conservators use science, ethics to preserve treasures," *Green Valley News* (Wick Communications) April 5, 2014. Including photography by Susan E. Swanberg.

Swanberg, S.E. "Quite a ride: A history of Sahuarita's Wild Horses," *Green Valley News* (Wick Communications) March 12, 2014. Including photography by Susan E. Swanberg.

Swanberg, S.E. "Remembering William F. 'Bill' Greer," *The Range*, (Wick Communications) Feb. 26, 2014.

Swanberg, S.E. "Meteorite hunters look to skies, ground," *Green Valley News* (Wick Communications) Feb. 19, 2014. Including photography by Susan E. Swanberg.

Swanberg, S.E. "Some help looking at the stars," *Green Valley News* (Wick Communications) Feb. 5, 2014. Including photography by Susan E. Swanberg.

Swanberg, S.E. "On the horns of a dilemma: Wildlife veterinarian Walter M. Boyce reflects on the challenges of bighorn sheep conservation," *Tucson Weekly* (Wick Communications) Jan. 9, 2014.

2013

Swanberg, S.E. "Burros: Born to be wild," *Scientific Tucsonan*, Spring 2013, Including photography and video by Susan E. Swanberg.

Swanberg, S.E. "Cochise Stronghold," *Blue Guitar Magazine*, Spring 2013, at page 11.

Workshop attendance, conference attendance, and training**Workshops**

- Leadership Tools Series: Statistics for Decision Makers, University of Arizona, June 1, 2019.
- Quantitative Intuition Across the Disciplines, UA Center for University Education Scholarship (CUES), April 19-20, 2019.

Conferences

- *Southwest Popular/American Culture Association 41st Annual Conference*, February 22, 2020.
- *Joint Journalism and Communication History Conference (JJCHC)* at New York University, March 9, 2019.

Conferences (cont.)

- *Southwest Popular/American Culture Association 40th Annual Conference*, February 21, 2019, Albuquerque, New Mexico.
- *History of Science Society (HSS) Annual Meeting, November 1-4, 2018, Seattle, Washington.*
- *37th Annual Convention of the American Journalism Historians Association (AJHA)*, October 4-6, 2018, Salt Lake City, Utah.
- *4S Sydney TRANSnational STS, Society for Social Studies of Science Annual Conference*, Sydney, Australia, August 29 – September 1, 2018.
- *The Thirteenth International Conference for Literary Journalism Studies* May 17-19, 2018, Vienna, Austria.
- *Joint Journalism and Communication History Conference (JJCHC)* at New York University, March 10, 2018.
- *Southwest Popular/American Culture Association 39th Annual Conference*, February 7-10, 2018, Albuquerque, New Mexico.
- *36th Annual Convention of the American Journalism Historians Association*, October 12-14, 2017. Little Rock, Arkansas.
- *The Twelfth International Conference for Literary Journalism Studies*, May 11-13, 2017. University of Kings College, Halifax, Nova Scotia, Canada.
- *33rd Annual Conference on the Advancement of Women*, April 21, 2017. Texas Tech University, Lubbock, Texas.
- *Legacies of the Manhattan Project at 75 Years*, March 15-18, 2017, Richland, Washington.
- *Joint Journalism and Communication History Conference (JJCHC)*, March 11, 2017. New York University, New York.
- *Southwest Popular/American Culture Association 38th Annual Conference*, February 15-18, 2017, Albuquerque, New Mexico.
- *The 35th Annual Conference of the American Journalism Historians Association*, October 6-8, 2016, St. Petersburg, Florida.
- *Association for Education in Journalism and Mass Communications*, August 4-7, 2016, Minneapolis, Minnesota.
- *National Association of Science Writers*, October 9-13, 2015, Cambridge, Massachusetts.
- *Science Online*, October 2013, Durham, North Carolina.
- *American Association for the Advancement of Science* (the world's largest general scientific society) Boston, Massachusetts
- *National Association of Science Writers*, October 26-30, 2012, Research Triangle, North Carolina.
- *Cold Spring Harbor Laboratory Meeting on Telomeres and Telomerase*, May 3-7, 2011, Cold Spring Harbor, New York.
- *American Society of Human Genetics Annual Meeting*, November 11-15, 2008, Philadelphia, Pennsylvania.
- *Society for Neuroscience*, November 3-7, 2007. San Diego, California.
- *International Meeting for Autism Research (IMFAR)*, June 1-2, 2007, Montreal, Canada.
- *International Meeting for Autism Research (IMFAR)*, June 1-3, 2006, Montreal, Canada.
- *57th Annual Meeting of the Gerontological Society of America*, November 19-23, 2004, Washington, DC.
- *EMBO Workshop/58th Harden Conference – Telomeres and Genome Stability*, April 3-7, 2004, Cambridge, United Kingdom.
- *13th North American Colloquium on animal Cytogenetics & Gene Mapping*, July 13-17, 2003, Louisville, Kentucky.
- *Plant, Animal and Microbe Genomes X Conference*, January 12-17, 2002, San Diego, California.

Writing and Editing Training

- Santa Fe Science Writing Workshop (2010, 2013, 2014, 2015)
- UC Berkeley Extension Courses:
 - Grammar, Mechanics and Usage for Editors (2010)
 - Editorial Workshop I: Introduction to Copyediting (2010)
 - Editorial Workshop II: Intermediate Copyediting (2011)

Miscellaneous Training

- Participant, NEH Regional Application Writing Workshop (September 26-27, 2019).
- Leadership Tools Series: Statistics for Decision Makers (June 1, 2019).
- New Faculty Mentoring Program, UA College of Social and Behavioral Sciences (2017-2018).
- Member of UA writing accountability groups sponsored by Campus Connections (fall 2015, 2016).