

CURRICULUM VITAE

Susan Elizabeth Swanberg
Assistant Professor
College of Social and Behavioral Sciences
School of Journalism, University of Arizona
916 730-7550, swanberg@arizona.edu

Chronology of Education

- 2014 M.A., Journalism, University of Arizona, Tucson, Arizona, United States
Professional project: Stung! Arizona's Bark Scorpion: Victims, Venom, and the Orphaning of an Antivenin
Advisor: Professor Carol Schwalbe
Major fields: Science journalism theory and practice, science journalism history
- 2005 Ph.D., Genetics, University of California, Davis, California, United States
Dissertation: Telomere Length Regulation in an Avian Model
Advisor: Dr. Mary E. Delany
Major Fields: Telomere biology
- 2000 M.S., Biological Sciences, California State University, Sacramento, California, United States
Thesis: The PKR-binding properties of a Mouse SINE
Advisor: Dr. Ruth Ballard
Major Fields: Molecular genetics of the mammalian genome
- 1978 J.D., Law, University of Oregon School of Law, Eugene, Oregon, United States
Major field: Criminal law
- 1975 B.A., Psychology, University of Oregon, Eugene, Oregon, United States
Major field: Neuroscience

Continuing Education and Training

- 1 Philosophy of Science course, University of Oxford Continuing Education, Spring 2021.
- 2 Participant, NEH fellowship Writing Group with Carol Brodie, Spring 2020.
- 3 Participant, NEH Regional Application Writing Workshop, September 26-27, 2019.
- 4 Participant, Leadership Tools Series: Statistics for Decision Makers, UA, June 1, 2019.
- 5 Participant, Quantitative Intuition Across the Disciplines, UA Center for University Education Scholarship (CUES), April 19-20, 2019.
- 6 Participant, New Faculty Mentoring Program, UA College of SBS, 2017-2018.
- 7 Participant, UA writing accountability groups – Campus Connections, 2015, 2016.

Chronology of Employment

Faculty Appointments

July 1, 2022 – present	Associate Director School of Journalism College of Social and Behavioral Sciences University of Arizona
April 29, 2022 – present	Associate Professor School of Journalism College of Social and Behavioral Sciences University of Arizona
August 2015 – April 2022	Assistant Professor School of Journalism College of Social and Behavioral Sciences University of Arizona
October 2021- present	Faculty Affiliate Arid Lands Resource Sciences GIPD University of Arizona
March 2021- present	Faculty Affiliate Applied Intercultural Arts Research GIDP University of Arizona
February 2020 - present	Faculty Affiliate American Literary Translators Association (ALTA) University of Arizona

Other academic appointments

Spring 2018	Faculty Research Fellow The Udall Center for Studies in Public Policy
2009-2011	Postdoctoral Scholar Delany Laboratory Animal Science Department University of California, Davis
2005-2008	NIH Postdoctoral Fellow LaSalle Laboratory Department of Medical Microbiology M.I.N.D. Institute University of California, Davis

Graduate student appointments

2012 (fall) Graduate Assistant
UA Department of Molecular and Cellular Biology

2000-2005 Graduate Student Researcher
Delany Laboratory
Animal Science Department
University of California, Davis

Professional employment

2014-2015 Freelance journalist and contributor to the *Green Valley News* and
Sahuarita Sun, *BizTucson* and The Western National Parks
Association (WNPA)

Fall 1999 Student researcher
California Department of Pesticide Regulation
Sacramento, California

1994-1995 Susan E. Swanberg
Attorney at Law
San Jose, California

1990-1994 Tondreau, Schroeder, Pointer, Swanberg and Saldivar
San Jose, California

1985-1989 Deputy Public Defender
Santa Clara County Public Defender's Office
San Jose, California

1983-1984 Civil Law Deputy
Kootenai County Prosecutor's Office
Coeur d'Alene, Idaho

1981-1983 City Attorney
Twin Falls, Idaho

1979-1981 Deputy Public Defender
Twin Falls County Public Defender's Office

1978-1979 Legal Assistant, Attorney
Twin Falls County Legal Aid

Honors, Awards, and Recognition

Department and College – University of Arizona

- May 2021 Nomination, Hugh & Jan Harelson Award for Excellence in Teaching, School of Journalism, University of Arizona.
- March 2021 Nomination for the Excellence in Graduate Teaching and Mentoring Award, University of Arizona.
- May 2020 Winner, Hugh & Jan Harelson Award for Excellence in Teaching, School of Journalism, University of Arizona. Annual award given by the school to an instructor who exemplifies the highest quality of teaching. Based on student nominations. Awarded \$1,000.
- August 2020 Winner, Al Litzow Student Engagement Grant for Journalism 205. Award to conduct a special project with and for students in Reporting the News (JOUR 205).
- May 2019 Winner, Hugh & Jan Harelson Award for Excellence in Teaching, School of Journalism, University of Arizona.
- Fall 2018 Udall Fellowship, Udall Center for Studies in Public Policy.
- March 2017 Faculty Spotlight (with Professor Carol Schwalbe), College of Social and Behavioral Sciences, University of Arizona. Featured in a science journalism video for the college website.
- 2015 Best Data Visualization Project, Institute for Justice and Journalism Migrahack. “No Lawyer, No Voice” examined the issue of unaccompanied minors without legal counsel. Winning team included Jeannine Relly.
- May 2013 Outstanding Graduate Student, School of Journalism, University of Arizona.
- 2012 Steve Emerine Scholarship, School of Journalism, University of Arizona.
- 2012 Bernice Cosulich Scholarship, School of Journalism, University of Arizona.

Department and College – University of California, Davis

- 2006 Kinsella Memorial Dissertation Prize, University of California, Davis, United States. Awarded \$3000.
- 2001, 2005 Hart/Cole/Goss Summer Research Fellowship.

Department and College – University of California, Davis (cont.)

2004	Floyd and Mary Schwall Dissertation Year Fellowship in Medical Research.
2002, 2003, 2004	Austin Lyons Fellowship - covered the cost of academic year stipends.
2003	Jastro Shields Research Award - covered the cost of materials for research.
2002	U.C. Davis and Humanities Graduate Research Award - covered the cost of materials for research.
2001	Herbert Kraft Fellowship - covered the cost of academic year stipends.
2001 2000	Phi Sigma Honor Society U.C. Davis Departmental Fellowship Awards and Research Assistantship.
2000	Sigma Xi Honor Society

National and International

October 2018	Rising Scholar Award - American Journalism Historians Association, competitive award for historical journalism research. Awarded \$2000.
Spring 2013	Fourth Place, Equine Ideal Spring 2013 Photography Contest, Amateur Division, wild horses: Oatman Burro 1; Honorable Mention: Wild Free-Roaming Burro 2.
2012	Honorable Mention for “Cochise Stronghold” – The Association for Education in Journalism and Mass Communication (AEJMC) Student Magazine Contest: First Person Category.
2007 - 2008	NIH Individual Ruth L. Kirschstein National Research Service Award. (NRSA) (1F32HD055143-01).
2005 - 2007	Trainee – National Institutes of Health (NIH) Interdisciplinary Training Grant for Autism Researchers (5T32MH073124-02) UC Davis M.I.N.D. Institute, Sacramento, California. Advisors: Dr. Jeannine LaSalle and M.I.N.D. Institute faculty.
2005	Fellowship - American Foundation for Aging Research.

National and International (cont.)

- 2004 Reduced Fee Award to cover costs of attending the EMBO/58th Harden Conference – Telomeres and Genome Stability, Cambridge University, United Kingdom.
- 2004 13th North American Colloquium on Animal Cytogenetics and Genome Stability – Travel Award.
- 2003 Glenn Foundation for Medical Research and American Federation for Aging Research (Glenn/AFAR) Scholarship for Research in the Biology of Aging. Awarded \$3000.

Service/Outreach

Local/State Outreach

- 1 Invited panelist – “Non-traditional career paths for Ph.D. students,” Programs to Advance Women Scientists (PAWS), March 23, 2022.
- 2 Invited panelist – “How My Science Degree Got Me Where I Am Today,” University of Arizona, PhysioConnects, April 2021.
- 3 Moderator – “Going Viral: Covering Coronavirus, Flu, and Other Contagious Illness Without Creating Hysteria,” a panel discussion with local public health experts, an *Arizona Republic* health reporter, and journalism graduate student, Laura Fuchs, University of Arizona Main Library, February 26, 2020.
- 4 Invited speaker – “Journalism, Law and the Public Understanding of Science: How Can We Figure Out What is True in this Era of ‘Fake’ News?” presented at University of Arizona Honors Colloquium HNRS 395H, 2019.
- 5 Invited Moderator - Journalism on Screen at The Loft: premier of “Anthropocene: The Human Epoch,” a post-film panel consisting of Jim Robbins, *NYT* science journalist and book author, and Dr. Valerie Trouet of the UA Laboratory of Tree Ring Research, 2019.
- 6 Invited speaker - “To the Lab Bench and Beyond,” presentation for the Program to Advance Women Scientists at the University of Arizona (P.A.W.S), 2019.
- 7 Invited 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,” 2019.
- 8 Invited speaker - “The Impact of Disinformation on Science and Journalism,” Arizona Senior Academy, Tucson, Arizona, 2019.
- 9 Invited speaker - “The Science of Science Communication: How and Why We’ve Fallen for Fake Science News Throughout History,” Brown Bag, School of Sociology, University of Arizona, 2019.

Local/State Outreach (cont.)

- 10 Invited speaker on Arizona 360 with host, Lorraine Rivera, and fellow guest, Dylan Smith, to discuss increased skepticism toward journalism, 2019.
- 11 Invited speaker on Arizona 360 with host Lorraine Rivera to discuss media ethics, 2018.
- 12 Invited panelist, “Dialogues Between Neuroscience and Society,” Undergraduate Neuroscience and Cognitive Science Retreat, University of Arizona, 2018.
- 13 Invited Moderator - Symposium: Agua Dulce - The Santa Cruz River Heritage Project, Santa Cruz River Research Days: 9th Annual, Pima Community College – Desert Vista Campus, 2017.
- 14 Guest lecture - UA School of Journalism, Issues in Covering Science and Environmental Journalism class – presentation about Andrew Wakefield and the autism/vaccine scandal, 2016.
- 15 Invited Moderator - “The Martian” Panel Discussion, panel of three preeminent UA experts on Mars: Wolfgang Fink, Alfred McEwen and Gene Giacomelli, Flandreau Science Center, UA, 2015.
- 16 Developer and moderator - Workshop: “With Conviction: Reporting on Science in the Courtroom,” Developed and moderated a workshop with forensic science experts, attorneys, journalists, and an exonerated former death row inmate addressing the problem of junk science presented as evidence at trial. Partnered with: James E. Rogers College of Law and the University of Arizona College of Science; Intended audience: journalism students, the public, and the academic community, 2015.
- 17 Invited Moderator - “Looking Ahead: Wildfires in 2015.” Panel discussion: the role of the media in reporting Arizona fires, sponsored by *The Arizona Republic*, 2015.

National/International Outreach

Panels, workshops, and advocacy

- 1 Advocate, National Humanities Association (NHA) Humanities Advocacy Day – Virtual Capitol Hill advocacy for increased funding for the National Endowment for the Humanities (NEH) and the National Archive (NARA), March 10, 2021 (virtual).
- 2 Invited 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 (virtual).
- 3 Invited Panelist, Advanced Molecular Detection (AMD) Day Storytelling Panel, Centers for Disease Control and Prevention (CDC), Atlanta, Georgia, 2017.
- 4 Invited panelist, “How to make your public health stories come alive,” Annual Meeting of the Association of Public Health Laboratories, Albuquerque, New Mexico, 2016.

Judge/reviewer

- 1 Judge, American Society of Human Genetics DNA Day Essay Contest (annual), 2016-2022.
- 2 Reviewer, *Church History*, 2021.
- 3 Reviewer, *The Literary Journalist as Naturalist*, 2021.
- 4 Judge, American Journalism Historians Association Book Award, 2020, 2021.
- 5 Reviewer, American Journalism Historians Association conference submissions, 2018-2020.
- 6 Book reviewer, Routledge, Taylor, and Francis Group, 2017.
- 7 Reviewer, *Journalism & Mass Communication Quarterly*, 2017, 2021.
- 8 Reviewer, Environmental Communications Division of the International Communications Association, 2016.

School of Journalism Committees & Other Departmental Service/Outreach

- 1 Member, Graduate Committee, 2015-present.
- 2 Member, Assessment Committee, 2019-2020.
- 3 Member, Diversity, Equity & Inclusion Committee, 2019-2020, affiliate in 2020-2021.
- 4 Member, Grants Committee, 2019-2020, affiliate in 2020-2021.
- 5 Member, School of Journalism Bilingual Journalism Task Force, 2019-2020.
- 6 School of Journalism Safety Officer, 2019-2020.

College Committees

- 1 Chair, SBS Faculty Advisory Committee/Council January 2022 to August 2022
- 2 Elected member, SBS Faculty Advisory Committee/Council May 2020-present.
- 2 Interim member, SBS Faculty Advisory Committee, 2019-2020.
- 3 Member, Social and Behavioral Science Research Institute (SBSRI) Advisory Board, 2016-2018.

University Committees

- 1 Advisory Board Member, UA Center for University Education Scholarship (CUES) QI (Quantitative Intuition), 2020-2021.
- 2 Faculty advisory committee member, Institute of the Environment, 2019.

Other Service

Membership in Scholarly or Professional Organizations

- 1 History of Science Society
- 2 American Journalism Historians Association
- 3 International Association for Literary Journalism Studies
- 4 Society for Social Studies of Science
- 5 National Association of Science Writers
- 6 Society of Environmental Journalists
- 7 Society of Professional Journalists
- 8 National Press Photographers Association
- 9 American Association for the Advancement of Science
- 10 Society for Neuroscience
- 11 The American Society of Human Genetics
- 12 Society for Science and the Public
- 13 PCST, The Global Network for Science Communication

Mentoring

- 1 Presentation – Seminar Orientation Workshop for the UA College of Pharmacy Graduate Program – August 23, 2022.
- 2 Women in STEM Mentorship Program, 2019-2020.
- 3 Advisor, First-Generation Club, UA School of Journalism, Fall 2019, Spring 2020.
- 4 Mentor and/or presenter, Dow Jones Newspaper Fund, Diversity in Journalism Workshop for Arizona High School Students at the University of Arizona, (annual) 2012 - 2019.
- 5 Science writing mentor, “Journal of Young Investigators, the Premier Undergraduate Science Journal,” (2014-2015).

Publications/Creative Activity

** Indicates publications largely based on graduate student work*

Editor-reviewed chapters in scholarly books

Swanberg, S.E. (2018). “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.

***Swanberg, S.E.** and M.E. Delany. (2006). Telomeres in aging: Birds. In *Handbook of Models for Human Aging* (editor: M. Conn). Academic Press/Elsevier, 2006.

Peer-reviewed chapters in scholarly books

1 **Swanberg, S.E.** (2020). "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*, (editor: Michael Mays). Hanford Histories Series Volume II, Pullman, WA: WSU Press.

Associated dataset: **Swanberg, S.E.** (2021). Mendeley Data, V2, doi: 10.17632/y4ffj425jw.2 <http://dx.doi.org/10.17632/y4ffj425jw.2>

This dataset provides exemplars of texts written by Johannes Siemes, S.J. that were plagiarized by William L. Laurence as well as tables referencing sources of Siemes' published eyewitness reports.

Refereed journal articles

1 **Swanberg, S.E.** (2021). "Under the Influence: Johannes A. Siemes, S.J.'s eyewitness report and its impact on John Hersey's Hiroshima," *Literary Journalism Studies*, 13 (1 & 2): 130-161.

2 **Swanberg, S.E.** (2021). "'Well-bred and Well-fed,' The Science News-Letter's Coverage of Eugenics from 1924 to 1965." *American Journalism*, 38(2):202-230. Note: This research was funded by a 2018 AJHA Rising Scholar award.

Associated Dataset: **Swanberg, S.E.** (2021). Mendeley Data, V6, doi:10.17632/n9tv9hzzhr.6 <http://dx.doi.org/10.17632/n9tv9hzzhr.6>

3 **Swanberg, S.E.** (2020). "'Wounded in Mind': Science Service Writer, Marjorie Van de Water, Explains World War II Military Neuropsychiatry to the American Public," *Media History*, 26(4):472-488. Published online August 20, 2019. <https://doi.org/10.1080/13688804.2019.1652582>

4 **Swanberg, S.E.** (2019). "'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. <http://doi.org/10.22459/IREH.05.02.2019>
http://press-files.anu.edu.au/downloads/press/n6094/pdf/03_swanberg.pdf

5 **Swanberg, S.E.** (2019). "Psychological Armor: The Science News-Letter Warns Against Propaganda (1926-1965)," *Journalism Studies* 20(13):1883-1902. Published online November 8, 2018. <https://doi.org/10.1080/1461670X.2018.1541754>

Associated Dataset: **Swanberg, S. E.** (2019), Mendeley Data, V3, doi: 10.17632/z4jc73tsrd.3. <http://dx.doi.org/10.17632/z4jc73tsrd.3>

6 **Swanberg, S.E.,** T.H. O'Hare, E.A. Robb, C.M. Robinson, H. Chang, M.E. Delany. (2010). "Telomere biology of the chicken: A model for aging research," *Experimental Gerontology* 45(9):647-654. DOI: 10.1016/j.exger.2010.04.002

7 Maezawa, I., **S. Swanberg,** J.M. LaSalle, L-W Jin. (2009). "Rett Syndrome astrocytes are abnormal and spread the MeCP2 deficiency state through gap junctions," *Journal of Neuroscience* 29(16): 5051-5061, 2009. DOI: 10.1523/JNEUROSCI.0324-09.2009

8 **Swanberg, S.E.**, R.P. Nagarajan, J.M. LaSalle. (2009). "Reciprocal co-regulation of EGR2 and MECP2 is disrupted in Rett Syndrome and autism," *Human Molecular Genetics* 18(3): 525-534. DOI: 10.1093/hmg/ddn380

9 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. (2008). "MECP2 promoter methylation and X chromosome inactivation in autism," *Autism Research* 1(3): 169-178. DOI: 10.1002/aur.24

*10 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. (2006). "Germline Transmission of genetically modified primordial germ cells," *Nature* 441(7094): 766-769.

*11 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. (2006). "High Grade Transgenic somatic chimeras from chicken embryonic stem cells," *Mechanisms of Development* 123: 31-41 (2006). DOI: 10.1016/j.mod.2005.10.002

*12 **Swanberg, S.E.** and M.E. Delany. (2005). "Differential expression of genes associated with telomere length homeostasis and oncogenesis in an avian model," *Mechanisms of Ageing and Development* 126: 1060-1070. DOI: 10.1016/j.mad.2005.03.022

*13 **Swanberg, S.E.** and M.E. Delany. (2004). "Telomerase activity and differential expression of telomerase genes and c-myc in chicken cells in vitro," *Developmental Dynamics* 231: 14-21 (2004). DOI: 10.1002/dvdy.20149

*14 **Swanberg, S.E.** and M.E. Delany. (2003). "Dynamics of telomere erosion in transformed and non-transformed avian cells in vitro," *Cytogenetic and Genome Research* 102(1-4): 318-325. DOI: 10.1159/000075769. Reprinted in *Animal Genomics*, B. Chowdhary (Ed), Basel, Switzerland: Karger Publishers, 2004.

*15 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).

Other peer-reviewed publications

*1 **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).

*2 **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>

* completed as a genetics Ph.D. student

Other scholarship

Scholarly Book Reviews

1 **Swanberg, S.E.** (2021). "Alarm Calls and Other Echoes of a Once and Future World," Book Review Essay forthcoming in *Literary Journalism Studies*.

2 **Swanberg, S.E.** (2021) "Nuclear Shadows: Hersey's Hiroshima Revisited," review of *Fallout: The Hiroshima Cover-up and the Reporter Who Revealed it to the World*, *Literary Journalism Studies*, 13 (1& 2):194-198.

3 Matthew Roby[§] and **Swanberg, S.E.** (2020). "Fact or Fiction? Researchers Examine Our Shared Concern," review of *The Oxford Handbook of the Science of Science Communication*, ed. Kathleen Hall Jamieson, Dan Kahan, and D. A. Scheufele (New York, NY: Oxford University Press, 2017), *Literary Journalism Studies* 12 no. 1: 209-211. https://s35767.pcdn.co/wp-content/uploads/2020/09/v12i1-Book-Reviews_NEW.pdf

§ = graduate student collaborator

4 **Swanberg, S.E.** (2019). "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* 11, no. 2: 175-178. https://ialjs.org/wp-content/uploads/2020/01/15-LJS-v11n2_Bk-Rev_Hersey.pdf

5 **Swanberg, S.E.** (2017). "The Limits of Memory and Vicissitudes of Truth," review of *Kept Secret: The half-truth in nonfiction*, *Literary Journalism Studies* 9, no. 2: 139-141. <http://ialjs.org/wp-content/uploads/2017/11/Book-Reviews-130-149.pdf>

Work in progress

Book Proposal/NEH Fellowship Application

Swanberg, S.E. *Half-Life: The Atomic Bomb Reportage of William L. Laurence and John Hersey* NRH supplication filed April 21, 2022. Notification date in December 2022.

Book Chapters in Review

Swanberg, S.E. (2021). "When You Can't Interview Nature: The Nature Writer as Literary Journalist," under consideration/in review as a chapter in *The Literary Journalist as Naturalist*, (editor: Pablo Calvi). Revisions submitted in 2022.

Media

Online science journalism or science research articles – invited, reviewed by the editor

1 **Swanberg, S.E.** (2022). "Uncovering Science Journalism's Hidden Histories," *AJHA Intelligencer* (March) <https://ajha.wildapricot.org/Intelligencer>.

2 **Swanberg, S.E.** (2021). "Bat Biologists Monitor CAVE Bats for White-Nose Syndrome," Western National Parks Association (WNPA). <https://www.wnpa.org/research-item/bat-biologists-monitor-cave-bats-for-white-nose-syndrome/>

re-published as **Swanberg, S.E.** "Biologists Monitor Carlsbad Cavern Bats for White-Nose Syndrome," in *Your American West*: Spring 2021: 5-6.

3 **Swanberg, S.E.** (2019). "Keeping the Lead Out," (update) *Your American West*, Winter 2019: 4-6.

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

5 **Swanberg, S.E.** (2015). "Proof of life: Tent circles at Bighorn Canyon," WNPA. <https://www.wnpa.org/research-item/tent-circles-provide-proof-of-life-on-the-plains/>

6 **Swanberg, S.E.** (2015). "Keeping the lead Out: The endangered California Condor," WNPA. <https://www.wnpa.org/research-item/keeping-the-lead-out-the-endangered-california-condor/>

7 **Swanberg, S.E.** (2015). "Bats battle fungus: Bat cave microclimates at El Malpais," WNPA. <https://www.wnpa.org/research-item/bats-battle-fungus-where-they-sleep/>

8 **Swanberg, S.E.** (2015). "A Whiter Shade of Moth," WNPA. Archived article available at: <https://web.archive.org/web/20160331143725/http://www.wnpa.org/research-item/a-whiter-shade-of-moth/>

9 **Swanberg, S.E.** (2015). "The 2011 BioBlitz Saguaro National Park: A Yearly National Event Occurs in Tucson's Backyard," WNPA. Archived article available at: <https://web.archive.org/web/20150930011241/http://www.wnpa.org/research-item/the-2011-bioblitz-in-saguaro-national-park/>

10 **Swanberg, S.E.** (2015). "Support for living well: New palliative care practitioners upgrade care," *BizTucson*, fall 2015, pp. 54-55. Also online at: https://issuu.com/mcserres/docs/biztucsonfall_2015

11 **Swanberg, S.E.** (2015). "Scientist, educator, clinician: Dr. Thomas D. Boyer targets liver disease," *BizTucson*, Summer 2015, pp. 52-53. Online at: <https://issuu.com/mcserres/docs/biztucsonsummer2015>

Selected newspaper articles

** completed as a journalism master's student

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

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

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

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

Selected newspaper articles (cont.)

**** completed as a journalism master's student**

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

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

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

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

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

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

****11 Swanberg, S.E.** (2014). "Meteorite hunters look to skies, ground," *Green Valley News* (Wick Communications) February 19.

****12 Swanberg, S.E.** (2014). "Some help looking at the stars," *Green Valley News* (Wick Communications) February 5.

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

****14 Swanberg, S.E.** (2013). "Burros: Born to be wild," multimedia essay in *Scientific Tucsonan*, Spring 2013.

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

Selected SciLogs science blog posts - posted while in rank

(SciLogs was a science blogging network associated with nature.com. The network was dissolved in September 2016.)

- 1 **Swanberg, Susan E.** (2016). "Say It Ain't So, Scilogs," *The Tenacious Telomere*, July 5, 2016. Archived at:
<https://web.archive.org/web/20160908022435/http://www.scilogs.com/tenacious-telomere/say-it-aint-so-scilogs/>
- 2 **Swanberg, Susan E.** (2016). "Close Encounters with the Venomous Kind," *The Tenacious Telomere*, February 27, 2016. Archived at:
<https://web.archive.org/web/20160331134633/http://www.scilogs.com/tenacious-telomere/close-encounters-with-the-venomous-kind/>
- 3 **Swanberg, Susan E.** (2016). "Hello Again, Hello," *The Tenacious Telomere*, February 27, 2016. Archived at:
<https://web.archive.org/web/20160316120743/http://www.scilogs.com/tenacious-telomere/hello-again-hello/>
- 4 **Swanberg, Susan E.** (2015). "Read My Blog Then Take a Survey About It," *The Tenacious Telomere*, October 26, 2015. Archived at:
<https://web.archive.org/web/20160801050012/http://www.scilogs.com/tenacious-telomere/read-my-blog-then-take-a-survey-about-it/>
- 6 **Swanberg, Susan E.** (2015). "My Conversation with Professor "X" -- A STEM Story," *The Tenacious Telomere*, October 20, 2015. Archived at:
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- 7 **Swanberg, Susan E.** (2015). "Statin' the Truth?" *The Tenacious Telomere*, October 19, 2015. Archived at:
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- 8 **Swanberg, Susan E.** (2015). "How Learning About Bugs Created A Scientist," *The Tenacious Telomere*, October 25, 2015. Archived at:
<https://web.archive.org/web/20160623162100/http://www.scilogs.com/tenacious-telomere/how-learning-about-bugs-created-a-scientist/>
- 9 **Swanberg, Susan E.** (2016). "Finding Professor 'X'-- A STEM Story: Professor "X" is Identified & I Need My Readers' Advice," *The Tenacious Telomere*, October 6, 2016. Archived at:
<https://web.archive.org/web/20160803171902/http://www.scilogs.com/tenacious-telomere/professor-x-is-identified-need-my-readers-advice/>
- 10 **Swanberg, Susan E.** (2015). "Finding Professor 'X'-- A STEM Story: What Was Lost Might Be Found," *The Tenacious Telomere*, October 2, 2015. Archived at:
<https://web.archive.org/web/20160803171943/http://www.scilogs.com/tenacious-telomere/finding-professor-x-a-stem-story-whats-lost-might-be-found/>

- 11 **Swanberg, Susan E.** (2015). "Finding Professor "X" — A STEM Story," *The Tenacious Telomere*, October 1, 2015. Archived at:
<https://web.archive.org/web/20160801051626/http://www.scilogs.com/tenacious-telomere/finding-professor-x-a-stem-story/>
- 12 **Swanberg, Susan E.** (2015). "Pneumonia Threatens Tucson's Desert Bighorn Sheep," *The Tenacious Telomere*, September 5, 2015. Archived at:
<https://web.archive.org/web/20160803172042/http://www.scilogs.com/tenacious-telomere/pneumonia-threatens-tucson-desert-bighorn-sheep/>
- 13 **Swanberg, Susan E.** (2015). "My Pal, Blondie the Tarantula, is Back!" *The Tenacious Telomere*, September 5, 2015. Archived at:
<https://web.archive.org/web/20160913043539/http://www.scilogs.com/tenacious-telomere/my-pal-blondie-the-tarantula-is-back/>
- 14 **Swanberg, Susan E.** (2015). "Not Just the (Science) News," *The Tenacious Telomere*, September 5, 2015. Archived at:
<https://web.archive.org/web/20160912041405/http://www.scilogs.com/tenacious-telomere/not-just-the-science-news/>

Representative Fourth Helix science blog posts

(The blog was started while a journalism graduate student. Posted occasionally while in rank.)

- 1 **Swanberg, Susan E.** "What is Pseudoscience?" *The Fourth Helix*, January 12, 2020.
<http://www.thefourthhelix.com/2020/01/12/what-is-pseudoscience/>
- 2 **Swanberg, Susan E.** "Rain did Not Follow the Plow," *The Fourth Helix*, January 12, 2020.
<http://www.thefourthhelix.com/2020/01/12/rain-did-not-follow-the-plow/>

Conferences/Scholarly Presentations

Submitted presentations

- 1 **Swanberg, S.E.** (2021). "'Eugenics Sifted': Waldemar Kaempffert of the *New York Times* Examines the American Eugenics Movement," *American Journalism Historians Association Annual Meeting*, Research in Progress presentation, October 9, 2021 (virtual).
- 2 **Swanberg, S.E.** (2021). Susan E. Swanberg (University of Arizona, U.S.A.), "Ester Blenda Nordström: *En Tidningskvinna Bland Tidningskvinnor* (A Newswoman Among Newswomen)," The Fifteenth International Conference for Literary Journalism Studies (IALJS-15) May 22, 2021 (virtual).
- 3 **Swanberg, S.E.** (2021). "Ester Blenda Nordström: Sweden's Henry David Thoreau?" 42nd Southwest Popular/American Culture Association (SWPACA2021) in Albuquerque, New Mexico. Panelist and presenter on February 24, 2021.

- 4 Kolodij, N.[§] and **Swanberg, S.E.** (2020). "Art and Music as a Means of Conveying Information About the State of the Planet," Southwest Popular/American Culture Association (SWPACA2020) in Albuquerque, New Mexico. Panelists, conference paper presenters on February 22, 2020. [§] = student collaborator
- 5 **Swanberg, S.E.** (2019). "The Way of the Rain Goes 'Viral': A Nineteenth-Century Environmental Poem Travels from Settlement-Era North America to South Australia," Southwest/American Popular Culture Association 40th Annual Conference in Albuquerque, New Mexico. Panelist and presenter on February 22, 2019.
- 6 **Swanberg, S.E.** (2019). "'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, New York. Panelist and presenter on March 9, 2019.
- 7 **Swanberg, S.E.** (2019). "Reclaiming the Narrative: Social Movements & Strategies of Representation," Joint Journalism and Communication History Conference, New York, NY. Moderated panel on March 9, 2019.
- 8 **Swanberg, S.E.** (2018). "Wounded in Mind: Marjorie Van de Water of the Science Service and her Campaign for Humane Treatment of Battle-Weary World War II Soldiers," History of Science Society Annual Meeting in Seattle, Washington. Panelist and presenter on November 2, 2018. <https://tinyurl.com/yajeg6us>
- 9 **Swanberg, S.E.** (2018). "Paper Session: Looking Back, Looking Forward: Lessons for the Future," American Journalism Historians Association Annual Meeting, Salt Lake City, Utah. Moderator October 5, 2018.
- 10 **Swanberg, S.E.** (2018). "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, Salt Lake City.
- 11 **Swanberg, S.E.** (2018). "Farming Outside the Lines: Rain Follows the Plow in 21st Century Art and Popular Culture," Society for Social Studies of Science Annual Conference in Sydney, Australia. Panelist and presenter on August 31, 2018.
- 12 **Swanberg, S.E.** (2018). "Pseudoscience in Popular Culture – A Musical Conversation," Society for Social Studies of Science Annual Conference, Sydney International Convention Center Sydney, Australia. Provided historical perspective on August 31, 2018.
- 13 **Swanberg, S.E.** (2018). "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. Panelist and presenter May 2018.
- 14 **Swanberg, S.E.** (2018). "Social, Political, and Economic Theory as Policy 'Relevance-Makers' for Environmental History," Annual Conference - American Society for Environmental History, Riverside, California. Presenter March 17, 2018.

Submitted presentations (cont.)

- 15 **Swanberg, S.E.** (2018). "Psychological Armor: The Science Service Warns Against the Dangers of Propaganda in its Science News-Letter (1929-1965)," Joint Journalism and Communication History Conference (JJCHC) at New York University, New York. Panelist and presenter on March 10, 2018.
- 16 **Swanberg, S.E.** (2018). "War Part II: From Nuclear War to ISIS," Joint Journalism & Communication History Conference (JJCHC) at New York University, New York City. Moderator on March 10, 2018.
- 17 **Swanberg, S.E.** (2018). "Rain Follows the Plow: A Debunked Nineteenth Century Theory of Climatology Still Reverberates in Popular Culture," Ecocriticism Section Southwest Popular/American Culture Association 39th Annual Conference in Albuquerque, New Mexico. Panelist and presenter on February 10, 2018.
- 18 **Swanberg, S.E.** (2017). "Writing Under the Influence: John Hersey and the Writings of John A. Siemes, S.J.," in Worldwide War Coverage in the 20th Century, International Conference for Literary Journalism Studies (IALJS-12), Halifax, Nova Scotia, Canada. Panelist May 2017.
- 19 **Swanberg, S.E.** (2017). "Borrowed Chronicles: New York Times Science Journalist William L. 'Atomic Bill' Laurence and the Reports of a Hiroshima Survivor," Legacies of the Manhattan Project at 75 Years conference in Richland, Washington. Panelist and presenter on March 16, 2017.
- 20 **Swanberg, S.E.** (2017). "Nuclear shadows: The legacy of New York Times science journalist and War Department propagandist, William L. 'Atomic Bill' Laurence," in The Trouble with Propaganda, Joint Journalism and Communication History Conference (JJCHC) at New York University, New York. Panelist and presenter on March 11, 2017.
- 21 **Swanberg, S.E.** (2017). "Walt Disney's 'The Living Desert': Documentary or Docufiction?" Ecocriticism Section Southwest Popular/American Culture Association 38th Annual Conference in Albuquerque, New Mexico. Panelist and presenter February 2017.
- 22 **Swanberg, S.E.** (2016). "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, 2016.

Abstracts Submitted/Conferences Cancelled

- 1 Fuchs, L. § and **Swanberg, S.E.** (2020). "Defining the Role of Science Journalism in an Era of Change: Science Service Reports on Darwin, the Scopes Trial and Developmental Embryology," Joint Journalism and Communication History Conference (JJCHC2020). Abstract accepted, however the conference was cancelled due to the pandemic.
§=student collaborator
- 2 **Swanberg, S.E.** (2020). "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.

AWARDED GRANTS AND CONTRACTS WHILE IN RANK

Swanberg, S.E. (2021). Cold Spring Harbor Laboratory Research Travel Grant for project titled: "The Rise and Fall of Davenport's Dream: The De-funding of the Eugenics Record Office." Awarded \$1000 to cover the cost of travel and lodging/meal expenses associated with travel to CSHL to conduct archival research.

Swanberg, S.E. (2015). (Co-P.I. - 90%) and Schwalbe, Carol (P.I. - 10%), National Association of Science Writers (NASW) grant. Awarded \$13,000 to put on workshop titled "With Conviction: Reporting on Science in the Courtroom."