

# EMILY R. HERRINGTON

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## Professional Summary

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PhD scholar of communication, bioethics, disability studies, and science studies with 10 years' professional experience in science writing and academic editing. Focus areas in the history and ethics of hand transplantation and VCA (vascularized composite allotransplantation), aesthetics of scientific argumentation, and the rhetoric of anti-evolution activists in the early 21st century.

## Skills

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Communication PhD/ Bioethics MA/ Science Writing MS \*Academic Writing & Editing \*Lecturing & Mentoring (Writing, Public Speaking, Ethics, Argumentation) \*Oral History & Journalistic Interviewing \*Institutional & Research Communication \*Graphic Design (Adobe InDesign & Illustrator) \*Interdisciplinary Project Development & Collaboration \*Grant Writing \*Poetry, Visual Art (Caricature) & Theatre Arts (Acting & Writing)

## Education

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University of Pittsburgh, Pittsburgh, PA 2014 – 2019  
PhD in Communication  
Dissertation: *Conceptions of "Success": The Ethics and Rhetoric of Hand Transplantation*  
MA in Bioethics  
Thesis: *The Evolution of Ethical Justifications for Hand Transplantation and VCA*

Massachusetts Institute of Technology (MIT), Cambridge, MA 2010 – 2011  
MS in Science Writing  
Thesis: *Hallowed Hands*

Bellarmine University, Louisville, KY 2004 – 2008  
BA in English  
Honors Thesis: *Hell or High Water: An Appalachian Drama Based on Wagner's Die Walküre*

## Teaching Experience

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Teaching Fellow, University of Pittsburgh, Pittsburgh, PA 2015 – 2019  
Spring 2017: "Argument"  
Fall 2016: "Argument"  
Spring 2016: "Public Speaking"  
Fall 2015: Teaching Assistant for Dr. Joanna Hartelius, "Rhetorical Process"

Adjunct Faculty, Bellarmine University, Louisville, KY 2013 – 2014  
Spring 2013: "Science Writing 101"  
Fall 2014: "Science Writing 101"

Science Writing Instructor, MIT Online Science, Technology, & Engineering Community 2013 – 2018  
Rigorous online science writing course given to high school-aged science students as part of MIT's "MOSTEC" program. MOSTEC is sponsored by MIT's Office of Engineering Outreach Initiatives (OEOP) supporting underrepresented minorities in STEM.  
<https://oeop.mit.edu/workshop-helps-high-school-students-communicate-science-public>

## Journal Publications

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Forthcoming invited paper "Visual Metaphors of the Extended Evolutionary Synthesis: Inviting a 'Gestalt Shift' in 21st C. Evolutionary Biology" (with Eva Jablonka, PhD) Exp. May 2020  
*Interdisciplinary Science Reviews* – draft in development

Forthcoming invited paper "The Concept of 'Quality of Life' in the Bioethics of Hand Transplantation and VCA" Exp. Nov 2019  
*The American Medical Association Journal of Ethics* – draft accepted May 2019

Forthcoming invited paper	“Letter from the Editors: The Concept of ‘Quality of Life’ in the Bioethics of Reconstructive Transplantation” (with Jessica L. Benham, MA) <i>The American Medical Association Journal of Ethics</i> – draft accepted May 2019	Exp. Nov 2019
Peer-reviewed paper	“Narrative Methods in Human Hand Transplantation: Five case studies with bioethical commentary” (with Lisa S. Parker, PhD) <i>Journal of Medicine, Health Care &amp; Philosophy</i> : <a href="https://doi.org/10.1007/s11019-018-09881-4">https://doi.org/10.1007/s11019-018-09881-4</a>	January 2019
Poem	“The Difference” <i>The Louisville Review</i>	June 2016

### Honors, Awards, & Funded Projects

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Public Humanities Fellow	Senator John Heinz History Center, Pittsburgh, PA (\$8,000 + benefits) <ul style="list-style-type: none"> <li>○ Research project title: “Highlighting Medical Innovation in Pittsburgh” for Heinz History Center (a Smithsonian affiliate museum)</li> <li>○ Working with Curator Division Director &amp; Chief Historian Anne Madarasz to update and expand Heinz History Center’s “Tradition of Innovation” exhibit</li> </ul>	May – August 2019
Andrew W. Mellon Fellow	University of Pittsburgh, Pittsburgh, PA Highly competitive university-level research fellowship (\$21,150 + benefits)	2017 – 2018
Provost’s Humanities Fellow	University of Pittsburgh, Pittsburgh, PA Full university-level research fellowship (\$24,752 + benefits)	2014 – 2015
Workshop Organizer / Grant Recipient	University of Pittsburgh, Pittsburgh, PA “Exploring, Practicing, and Assessing Narrative Methods: A Workshop for Graduate Student Researchers in Social Sciences, Humanities, & Medicine” (\$2,500 project grant) <ul style="list-style-type: none"> <li>○ 30+ grad students from School of Arts &amp; Sciences, School of Public Health, School of Medicine, and School of Health &amp; Rehabilitation Sciences participated in day-long workshop on narrative research ethics &amp; methods</li> <li>○ Funded by the Vice Provost for Graduate Studies and the Pitt Center for Bioethics and Health Law (CBHL).</li> </ul>	2018
Advisory Board Member	American Association for the Advancement of Science (AAAS), Washington, DC Project: “Science for Religion Reporters” (sponsored by AAAS Dialogue on Science, Ethics, & Religion [DoSER]) (\$200 /year honorarium)	2015 & 2016
Arts & Sciences Summer Research Fellow	University of Pittsburgh Communication Department, Pittsburgh, PA Project: “An Oral History of Hand Transplantation from the Patients’ Perspective” (\$3,000 scholarship award)	2015
Workshop Organizer & Leader	Brookhaven National Laboratory (BNL), Upton, NY Proposed and helped launch an annual science communication workshop for college-aged summer interns at BNL (\$300 /year honorarium)	2013 & 2014
Science Writing Fellow	National Academy of Sciences Keck Futures Initiative, Irvine, CA Attended conference and wrote chapter for “NAKFI” Keck Futures Initiative 2012 book publication: <i>Seeing the Future with Imaging Science</i> (Travel to Irvine, room & board)	2010

Bellarmine Scholar	Highest academic scholarship at Bellarmine University, Louisville, KY (\$144,000 tuition + \$3,000 study abroad stipend)	2004 – 2008
Kentucky E-SU Scholar	Exeter College, Oxford summer writing program, Oxford, UK O. Grant Bruton English-Speaking Union Scholar in poetry and narrative nonfiction (£2994 tuition + \$2,500 travel stipend)	July 2007
First Place Poem	Kentuckiana ‘Metroversity’ Student Writing Competition, Louisville, KY Poem title: “The Sea” (\$200 award)	May 2008
Scholarship Award	Bellarmine University, Louisville, KY Elizabeth Norton-Hagan Scholarship Award in English (\$800 award)	April 2007

### Editorial & Communications Experience

Guest Editor	American Medical Association Journal of Ethics (AMA JOE) November 2019 theme issue: “Conceptualizing ‘Quality of Life’ in Reconstructive Transplantation Ethics” (with Jessica L. Benham, MA) <ul style="list-style-type: none"> <li>o Planning and sourcing journal content under direction of AMA JOE Managing Editor Dr. Christy Rentmeester from May 2018 – November 2019</li> <li>o Featuring contributions from scholars in Bioethics, Surgery, Psychiatry/Behavioral Health, Disability Studies, Communication/Rhetoric, Religious Studies, and the VCA patient population</li> </ul>	2019
Graduate Research Assistant	Research Assistant to Dr. Caitlin Bruce, University of Pittsburgh Department of Communication ( <a href="http://caitlinbruce.blogspot.com/">http://caitlinbruce.blogspot.com/</a> ) <ul style="list-style-type: none"> <li>o Read and provide feedback (argument flow and copy editing) for original journal article submissions; assemble book lists and research reports on select topic areas</li> <li>o Promote Dr. Bruce’s scholarly work and public-facing projects through media outreach and email/poster campaigns</li> </ul>	2018 – 2019
Creator and Editor-in-Chief	<i>God &amp; Nature</i> magazine ( <a href="http://godandnature.asa3.org">http://godandnature.asa3.org</a> ) <ul style="list-style-type: none"> <li>o Online quarterly periodical featuring articles, essays, and poetry on special topics in science and religion</li> <li>o Sourced and edited work from hundreds of working scientists, philosophers, students, and ministers</li> </ul>	2011 – 2018
Content Editor	<i>Abraham’s Dice: Chance and Providence in the Monotheistic Traditions</i> (Oxford University Press; Dr. Karl Giberson, editor) <ul style="list-style-type: none"> <li>o Reviewed and edited chapter manuscripts for content, clarity, accuracy, tone, and structure</li> <li>o Book project included essays by five Gifford Lecturers; first project to involve all three of the holders of Oxford University’s Andreas Idreos Chair in Science and Religion</li> </ul>	2014 – 2016
Web Editor	The BioLogos Foundation <ul style="list-style-type: none"> <li>o Sourced and edited articles for The BioLogos Foundation’s high-traffic daily blog on modern science and theology</li> <li>o Corresponded with and edited work by dozens of thought leaders in evolutionary biology, history of science, and philosophy of religion</li> </ul>	2013 – 2014
Associate Director of Communications	American Scientific Affiliation (ASA)	2011 – 2014

- Redesigned ASA website and renovated layout/editorial style of ASA newsletter in Adobe InDesign
- Launched new online magazine (*God & Nature* magazine, above) for ASA members and outside readers); grew ASA following on social media

Science Writing Intern      Brookhaven National Laboratory (BNL)      May – August 2011  
 Writer for *Brookhaven Today* and the BNL website (coolest-ever paid internship; rode bicycle around national lab interviewing scientists for research news stories)

### Conference Papers & Invited Talks

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- Conference Panel Organizer & Speaker: 2019 ISVCA Ethics Session (60 minutes)      October 2019
- International Society for Vascularized Composite Allotransplantation: New Delhi, India
- Conference Paper: “What It Takes to Succeed: Mobilizing insights from partners and caregivers of hand transplant recipients” (with Dr. Vijay Gorantla)      November 2018
- American Society for Reconstructive Transplantation (ASRT): Chicago, IL
- Conference Panel Organizer & Speaker: “Reinventing a Modern Notion of *Ekphrasis*” with Dr. Odile Hobeika (Postdoctoral researcher, Northeastern U.) and Jessica Benham, MA (PhD candidate, U. Pittsburgh)      May 2018
- Rhetoric Society of America (RSA): Minneapolis, MN
- Conference Poster: “Navigating to Success in Human Hand Transplantation: Practical observations from patient and caregiver oral histories”      October 2018
- International Society of Vascularized Composite Allotransplantation (ISVCA): Salzburg, Austria
- Conference Paper: “The Rhetoric of Science of COSMOS: From curiosity and the sublime to finished science and certainty” (talk delivered by co-author Ambrose Curtis)      November 2016
- National Communication Association (NCA): Philadelphia, PA
- Invited Speaker: “Human Hand Transplants and Medical Ethics: A history”      March 2015
- Stonehill College: Eaton, MA

### Selected Science Writing & Interviews

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- Quoted in *WIRED* magazine      February 2019
- “The Devastating Allure of Medical Miracles” by David Dobbs <https://tinyurl.com/y2kcsa9g>
- Interview: “Love is Risk” with PhD author and cultural scholar Carolyn Finney      February 2018
- God & Nature* magazine: <https://tinyurl.com/y74kqhlc>
- Quoted in *Popular Science* magazine      November 2017
- “Hurricanes might be worsening, coffee could save your life, and hedging is definitely a huge part of science” by Kendra Pierre-Louis: <https://www.popsoci.com/hedging-science-words>
- Article: “Thoughts of Death in a Cruel World: Job’s suicidal ideation and Christian responses to depression” (with Dr. Jennifer Michael Hecht)      May 2017
- God & Nature* magazine: <https://tinyurl.com/ydxekm6x>
- Interview: “Not So Dry Bones” with paleontologist Mary Schweitzer      July 2014
- The BioLogos Forum: <https://biologos.org/blogs/guest/not-so-dry-bones-an-interview-with-mary-schweitzer>
- Named “Best Interview” – Rachel Held Evans’ personal blog, “Sunday Superlatives” 7/27/14 <https://rachelheldevans.com/blog/sunday-superlatives-72714>
- Editorial: “The Bible, Evolution, and Grace”      August 2013
- Louisville *Courier-Journal* and The BioLogos Forum: <https://tinyurl.com/y9hf4huf>

- Interview: “Greetings from Mars” with Mars Curiosity Rover ChemCam P.I. Roger Weins May 2013  
*God & Nature* magazine: <https://godandnature.asa3.org/interview-greetings-from-mars.html>
- News article: “The Softer Side of X-Rays: Researchers use NSLS to probe cadmium-contaminated soil” August 2011  
*Brookhaven Today*: <https://www.bnl.gov/newsroom/news.php?a=22527>
- News Article: “Physics Phoenix: Plotting the journey of muon g - 2” August 2011  
*Brookhaven Today & Fermilab Today*: <https://www.bnl.gov/newsroom/news.php?a=22567>
- News Article: “Promoting Diversity—On the atomic level” July 2011  
*Brookhaven Today*: <https://www.bnl.gov/bnlweb/pubaf/bulletin/2011/bb090211.pdf>

### Non-Degree Programs, Professional Development & Clinical Observation

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- Starzl Transplant Center, University of Pittsburgh Medical Center (UPMC) 2017 & 2018
- o Bioethics observations to meet master’s program requirements
  - o Dissertation research on evolution and closure of Starzl center hand transplant program
- National Communication Association (NCA) short course November 2015
- o Title: “Qualitative Data Analysis: Unmasking the backstage steps of making sense of qualitative data” (Half-day workshop offering strategies for coding, analysis, interpretation, and teaching)
- Lab Observations: MIT Department of Earth, Atmospheric, and Planetary Sciences (EAPS) February 2011
- o Laboratory of Dr. Samuel Bowring, the Robert R. Schrock Professor of Geology at MIT

### Hobbies & Volunteering

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- Caricaturist for charitable events: <http://pghcaricature.weebly.com/> 2010 – 2019
- o Recent beneficiaries: Pittsburgh Center for Autistic Advocacy GALA (Aug 6, 2017 & Sep 23, 2018); CMU Heinz College Center for Diversity, Richness & Inclusion (CDRI) “Wellness Day” (Oct 25, 2018); Hemispheric Conversions Urban Art Project (HCUAP) “Drink N’ Ink Fundraiser” (Jan 28, 2019)
- Long distance running
- o 2009 & 2010 Louisville “Derby Festival Marathon” finisher (3<sup>rd</sup> place in 20-24 female division in 2010; Boston Marathon qualifier)
  - o 2011 Boston Marathon (dnf)

### Professional Societies

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- o American Society for Reconstructive Transplantation (ASRT) – Full Member (from January 2019)
- o Rhetoric Society of America (RSA) – Student Member (from September 2014)
- o National Communication Association (NCA) – Student member (from 2014 – 2016)
- o National Association of Science Writers (NASW) – Member (from 2010 – 2014)

### References

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#### *Academic Writing & Scholarship, Lecturing & Mentoring*

- o Dr. Olga Kuchinskaya, Dissertation advisor: [OKuchins@pitt.edu](mailto:OKuchins@pitt.edu)
- o Dr. Lisa S. Parker, Bioethics MA thesis advisor & Dissertation committee member: [LisaP@pitt.edu](mailto:LisaP@pitt.edu)

#### *Science Writing & Interdisciplinary Project Collaboration, Graphic Design*

- o Anne Madarasz, Heinz History Center Head Curator & Historian: [APMadarasz@HeinzHistoryCenter.org](mailto:APMadarasz@HeinzHistoryCenter.org)
- o Dr. Randy Isaac, former ASA Director & former Vice President, IBM Research Division: [Randy@ASA3.org](mailto:Randy@ASA3.org)

#### *Academic Editing*

- o Dr. Christy Rentmeester, AMA JOE Managing Editor, VCA theme issue supervisor: [Christy.Rentmeester@ama-assn.org](mailto:Christy.Rentmeester@ama-assn.org)
- o Dr. Caitlin Bruce, Graduate Research Assistantship supervisor, University of Pittsburgh: [CaitlinB@pitt.edu](mailto:CaitlinB@pitt.edu)