

## Ed Finn

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Center for Science and the Imagination  
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### EMPLOYMENT

- 2012 - Founding Director, Center for Science and the Imagination  
Assistant Professor, School of Arts, Media and Engineering / Department of English  
Arizona State University
- 2011-12 University Innovation Fellow  
Arizona State University
- 2005-11 Graduate Research and Teaching Assistant  
Stanford University

### EDUCATION

- 2011 Ph.D., English, Stanford University
- 2007 M.A., English, Stanford University
- 2002 A.B., *summa cum laude*, Comparative Literature with certificates in Applications of Computing, Creative Writing and European Cultural Studies, Princeton University

### HONORS AND AWARDS

- Most Significant Futures Works, Association of Professional Futurists, 2015  
Alden Dissertation Prize, Department of English, Stanford University, 2012

### OTHER PROFESSIONAL POSITIONS

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|---|------------------|
| Academic Director, Future Tense                             | 2015 –           |
| Co-Director, Imagination and Climate Futures Initiative     | 2014 –           |
| Co-Director, Emerge   | 2013, 2014, 2017 |
| Digital Humanities Advisory Board, Arizona State University | 2012 – 2015      |

### BOOKS

David H. Guston, Ed Finn, and Jason S. Robert, eds. *Frankenstein: Annotated for Scientists, Engineers and Creators of All Kinds*. MIT Press, May 2017.

*What Algorithms Want: Imagination in the Age of Computing*. MIT Press, March 2017.

Ed Finn and Kathryn Cramer, eds. *Hieroglyph: Stories and Visions for a Better Future*. William Morrow, September 2014.

*Non-Commercial Anthologies*

*Space Futures (NASA)*

Ed Finn and Joey Eschrich, eds. *Visions, Ventures, Escape Velocities: A Collection of Space Futures*. Center for Science and the Imagination, December 2017.

*Overview (Knowledge Enterprise Development, ASU)*

Michael G. Bennet, Joey Eschrich and Ed Finn, eds. *Overview: Stories in the Stratosphere*. Center for Science and the Imagination, August 2017.

*Tomorrow Project (Intel)*

Ed Finn and G. Pascal Zacchary, eds. *Living Tomorrow*. Intel Corporation, 2015.

Ed Finn and G. Pascal Zacchary, eds. *Journeys Through Time and Space*. Intel Corporation, 2015.

Ed Finn and G. Pascal Zacchary, eds. *Dark Futures*. Intel Corporation, 2014.

Ed Finn and G. Pascal Zacchary, eds. *The Future—Powered by Fiction*. Intel Corporation, 2014.

Ed Finn, ed. “Green Dreams” section of *Cautions, Dreams & Curiosities: A Tomorrow Project Anthology*, 2013.

**SCHOLARLY PUBLICATIONS**

“Monster Mythos: *Frankenstein* as Network Text.” *The Rightful Place of Science: Frankenstein*. Consortium for Science, Policy & Outcomes, October 2017.

Michael Simeone, Advaith Gundavajhala Venkata Koundinya, Anandh Ravi Kumar, Ed Finn. “Towards a Poetics of Strangeness: Experiments in Classifying Language of Technological Novelty.” *Cultural Analytics*. September 2017. DOI: 10.22148/16.015.

Peter Nagy, Ruth Wylie, Joey Eschrich, and Ed Finn. “Why Frankenstein is a Stigma Among Scientists.” *Science and Engineering Ethics*. June 2017. DOI:10.1007/s11948-017-9936-9.

Megan K. Halpern, Jathan Sadowski, Joey Eschrich, Ed Finn, David H. Guston. “Stitching Together Creativity and Responsibility: Interpreting *Frankenstein* Across Disciplines.” *Bulletin of Science, Technology and Society* Vol. 36, no. 1, 2016.

“We Can Build the Future.” *Computer*, IEEE Computer Society, November 2015.

“Field Notes from the Future of Publishing,” *electronic book review*, October 5 2014.

“Revenge of the Nerd: Junot Díaz and the Networks of American Literary Imagination,” *Digital Humanities Quarterly* Vol. 7, no. 1, 2013.

“New Literary Cultures: Mapping the Digital Networks of Toni Morrison.” *From Codex to Hypertext: Reading at the Turn of the Twenty-First Century*, ed. Anouk Lang, University of Massachusetts Press, 2012.

“Becoming Yourself: The Afterlife of Reception.” *The Legacy of David Foster Wallace: Critical and Creative Assessments*, eds. Lee Konstantinou and Samuel Cohen, University of Iowa Press, 2012.

*A modified version of the above has also been published as:*

“Becoming Yourself: The Afterlife of Reception.” *Pamphlets of the Stanford Literary Lab* #3. September 15, 2011.

#### **SELECTED GENERAL AUDIENCE PUBLICATIONS**

“Art by Algorithm.” *Aeon*, September 27, 2017.

“Facebook Trending story: The Wizard of Oz algorithm.” *CNN*, May 14, 2016.

“Algorithms Aren’t Like Spock.” *Slate*, February 26, 2016.

“The Internet of Slow Things.” *Slate*, September 21, 2015.

“The Inspiration Drought: Why Our Science Fiction Needs New Dreams.” *Slate*, September 16, 2014.

“What if Computers Know You Better than You Know Yourself?” *Slate*, March 4, 2014.

“Thought Experiments: Dreaming Up a Center for Science and the Imagination.” *Asimov’s Science Fiction*. October-November 2013.

#### **KEYNOTES, INVITED LECTURES AND REFEREED TALKS**

“What Algorithms Want.” Summit on Women and Information Technology, National Center for Women and Information Technology, Tucson, AZ (May 2017)

“Illusions of Progress: Visualization and the Politics of Stylized Time.” Modern Language Association, Philadelphia (January 2017).

- “Making the Future – Foresight Thinking to Motivate and Innovate.” Plenary Panel at Alliance for the Arts in Research Universities, University of Colorado, Denver (November 2016)
- “Frankenstein Digital Museum.” *Frankenstein’s Shadow: A Bicentennial Assessment of the Frankenstein Narrative’s Influence*, Fondation Brocher, Geneva (June 2016).
- “MegaCity: Stories and Visions for a Better Future.” Keynote at Mad Scientist, U.S. Army Training and Doctrine Command, Arizona State University (April 2016)
- “Engineering Imagination,” College of Engineering Distinguished Lecture Series, California State University at Long Beach (March 2016)
- “The Black Box of the Present: Computational Time in the Age of the Algorithm,” The Contemporary at Princeton University (March 2016)
- “How to Build a Dream Machine,” Keynote at Chabot Science Center (May 2015)
- “Moving the Goal Posts,” Panel on Alternative Careers, University of California, Los Angeles (May 2014)
- “Networking the Monster: The Frankenstein Myth as Cultural Linking Structure,” Cinema and Interdisciplinary Interpretation, University Seminars, Columbia University, New York (April 2014)
- “Thinking Big: A Conversation with Neal Stephenson,” Keynote at Association of Science-Technology Centers, Albuquerque (October 2013)
- “The Science Fiction of Science: Collaborative Lexicons and Project Hieroglyph,” Digital Humanities (June 2013)
- “Getting There: Designing Better Dreams for Better Futures,” Keynote, International Conference on Automated People Movers and Transit Systems, Phoenix (April 2013)
- “Mobile Futures,” Opening Keynote, Knight Foundation Mobile News Challenge, Cronkite School of Journalism (January 2013)
- “Future of the Nano-City,” Science Café, Arizona Science Center (September 2012)
- “American Networks, American Nerds.” Lecture, Digital Scholarship Commons, Emory University (November 2011)
- “Literary Networks: A Field Guide.” ACLx (American Comparative Literature Experimental) Conference, Pennsylvania State University (September 2011)

“Reading, Writing and Reputation: Literary Networks in Contemporary American Fiction.” for “Networks, Literature, Culture” panel, Digital Humanities, Stanford University (June 2011)

“The Social Lives of Books: Mapping the Ideational Networks of Toni Morrison.” Digital Humanities, King’s College, London (June 2010)

“Cultural Capital in the Digital Era: Mapping the Ideational Networks of Toni Morrison.” American Comparative Literature Association, New Orleans (April 2010)

“Cultural Capital in the Digital Era: Mapping the Success of Thomas Pynchon.” Digital Humanities, University of Maryland (June 2009)

#### **EXTERNAL RESEARCH AWARDS**

Sloan Foundation, “The Living Frankenstein.” 2017 – 2019. \$248,648. Principal Investigator.

National Science Foundation. *Increasing Learning and Efficacy about Emerging Technologies through Transmedia Engagement by the Public in Science-in-Society Activities*. 2015 – 2019. \$2,999,999. Principal Investigator.

National Aeronautics and Space Administration. *Narrative Projections for Commercial Space Futures*. 2015-2016. \$140,000. Principal Investigator.

National Science Foundation. *EAGER: Towards Knowledge Curation*. 2014 – 2016. \$299,034. Co-Principal Investigator.

National Aeronautics and Space Administration. *Workshop on Understanding Literature and Art Cultures for Transformative Research*. 2014-2016. \$49,548. Principal Investigator.

Department of Defense - National Geospatial Intelligence Agency. *The Foresight Initiative*. 2014-2015. \$3,993,560. Co-Principal Investigator.

World Bank. *Evoke Creative Framework and Network Development*. 2014. \$25,000. Principal Investigator.

National Science Foundation. *Informal Learning and Scholarship in Science and Society: A Multi-Disciplinary Workshop on Scientific Creativity and Societal Responsibility*. 2014 - 2015. \$49,997. Principal Investigator.

Intel Corporation. *Sprint Beyond the Book*. 2013-2014. \$102,500. Principal Investigator.

#### **UNIVERSITY FACULTY AFFILIATIONS**

Center on the Future of War  
Consortium for Science, Policy & Outcomes

Human & Social Dimensions of Science & Technology  
Julie Ann Wrigley Global Institute of Sustainability  
School for the Future of Innovation in Society  
Virginia G. Piper Center for Creative Writing

**LANGUAGES**

French (reading and spoken)  
Latin (reading)  
Spanish (reading)