

# DOUGLAS MICHAEL O'REAGAN

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## EDUCATION

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### University of California, Berkeley

PhD in History, 2014

Dissertation: "Science, Technology, and Know-How: Exploitation of German

Science and the Challenges of Technology Transfer in the Postwar World" [[Link](#)]

MA in History, 2010

### University of Virginia

BA in History and BS in Physics, 2007

## RECENT EMPLOYMENT

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### Analysis Group

Associate

2018-Present

### Massachusetts Institute of Technology

Postdoctoral Fellow, Department of History

2016-2018

### Washington State University – Tri Cities

Visiting Assistant Professor, Department of History

Lead Archivist, Hanford History Project

Director, Hanford Oral History Project

2015-2016

### University of California, Berkeley

Postdoctoral Fellow, Department of Industrial Engineering and Operations Research

2014-2015

## PUBLICATIONS

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### BOOK

*Taking Nazi Technology: Allied Scientific Espionage and Exploitation of German Technology after the Second World War.* Forthcoming from the John Hopkins University Press, June 2019.

<https://jhupbooks.press.jhu.edu/title/taking-nazi-technology>

### ARTICLES

Douglas O'Reagan and Lee Fleming, "The FinFET Breakthrough and Networks of Innovation in the Semiconductor Industry, 1980–2005: Applying Digital Tools to the History of Technology," *Technology and Culture*, vol. 59, no. 1 (2018), p.251-288.

<https://muse.jhu.edu/article/697232>

"Know-How in Postwar Business and Law," *Technology and Culture*, vol. 58, no. 1 (2017), p.121-153. <https://muse.jhu.edu/article/648252/>

"French Scientific Exploitation and Technology Transfer from Germany in the Diplomatic Context of the Early Cold War," *International History Review* (2014).

<http://dx.doi.org/10.1080/07075332.2013.879917>

Gabe Fierro, Benjamin Balsmeier, Guan-Cheng Li, Kevin Johnson, Aditya Kaulagi, Douglas O'Reagan, Bill Yeh, and Lee Fleming, "Automated Disambiguation of US Patent Grants and Applications," *Journal of Economic and Management Strategy*, forthcoming.

<http://funginstitute.berkeley.edu/wp-content/uploads/2015/08/AutomatedDisambiguation-of-US-Patent-Grants-and-Applications.pdf>

Ben Balsmeier, Gabe Fierro, Lee Fleming, Kevin Johnson, Aditya Kaulagi, Guan-Cheng Li, Sonja Luck, Douglas O'Reagan, Bill Yeh, and Guangzheng Zang, "Machine Learning and Natural Language Processing on the Patent Corpus." *Journal of Economic and Management Strategy*, Vol. 27, No. 3 (2016). <https://onlinelibrary.wiley.com/doi/abs/10.1111/jems.12259>

#### POPULAR ARTICLES AND OUTREACH

"Who Owns a Scientist's Mind?" *Physics Today* (2018).

<https://physicstoday.scitation.org/doi/10.1063/PT.3.3972> .

"Stealing Industry Secrets: Not as Easy as You Think," Chemical Heritage Foundation's *Distillations* podcast, July 2015.

<http://www.chemheritage.org/discover/media/distillations/204-stealing-industry-secrets-not-as-easy-as-you-think.aspx>.

"Learning to Code, Learning to Collaborate," Digital Humanities @ Berkeley blog, 8 July 2015.

<http://digitalhumanities.berkeley.edu/blog/15/07/08/learning-code-learning-collaborate>

#### SELECT FELLOWSHIPS AND AWARDS

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- 2017 Summer Scholar, Technology Policy Research Initiative, Boston University School of Law
- 2016 Research Associate Fellowship, Centre for Business History in Scotland, University of Glasgow (declined)
- 2015 Seidel Fellowship in the History of Intellectual Property and Patents, Chemical Heritage Foundation
- 2013 Ambrose Monell Foundation Fellowship in Technology and Democracy, National Fellows Program, Miller Center for Public Affairs at the University of Virginia
- 2012 Pennsylvania Area Center for the History of Science (PACHS) Dissertation Research Fellowship
- 2012 Daimler Dissertation Fellowship, Institute for European Studies, UC Berkeley
- 2010 Edward Teller Fellowship in Science and National Security Studies, United States Department of Energy
- 2009 Institute for European Studies Predissertation Fellowship, Center for German and European Studies, UC Berkeley

2007 Graduate Student Fellowship, Department of History, UC Berkeley 2007-2010

## TEACHING

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### Washington State University – Tri Cities – Richland, WA

Roots of Contemporary Issues	<i>freshman seminar</i>
Language, Texts, and Technology	<i>lower-division writing-based seminar</i>
Peoples of the United States	<i>lower-division lecture</i>

### University of California, Berkeley – Berkeley, CA

Science and National Security in the Cold War	<i>upper-division reading seminar</i>
The Origins of Modern Science	<i>student discussion sections, as grad. instructor</i>
Science and Society	<i>student discussion sections, as grad. instructor</i>
United States History through 1865	<i>student discussion sections, as grad. instructor</i>
Health and Disease	<i>graded, as graduate student instructor</i>
Modern Physics: From the Atom to Big Science	<i>graded, as graduate student instructor</i>

### ADDITIONAL AVAILABLE SAMPLE SYLLABI

History of Science since Newton	<i>lower-division lecture</i>
Digital History	<i>graduate seminar</i>
History of Espionage	<i>upper-division lecture/seminar</i>

## PRESENTATIONS

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### INVITED TALKS

- 2019 "Stealing Nazi Science: Allied Efforts to Acquire German Science and Technology during and after the Second World War," American Physical Society April Meeting
- 2018 "Know-how in Postwar Business and Law," MIT Sloan School of Management
- 2018 "Technology Transfer and the Human Dimensions of Industrial Research," University of Cincinnati
- 2017 "Historical Trends in Know-How and Trade-Secret Licensing," Boston University School of Law
- 2015 "International Business, IP Law, and the Postwar Communication of Technical Know-How." UCLA History of Science, Medicine, and Technology Colloquium
- 2014 "Exploitation of German Science and the Challenges of Technology Transfer in the Postwar World." Johns Hopkins History of Science, Medicine, and Technology Colloquium
- 2014 "The Second World War and Legal History of 'Know-How,'" Miller Center for Public Affairs at the University of Virginia

### CONFERENCE PANELS ORGANIZED

- 2017 "Business History and the History of Science," History of Science Society
- 2016 "Science Archives and Science Historians in the 21st Century," History of Science Society
- 2016 "Nuclear Memory," History of Science Society
- 2013 "Science, Diplomacy, and Security in the Cold War," History of Science Society

#### **CONFERENCE PRESENTATIONS**

- 2017 "Knowledge Management and Concepts of Technology in Postwar Business," History of Science Society
- 2016 "The Local Politics of Memory at Hanford," History of Science Society
- 2015 "Visualizing Patent Co-Inventorship Networks." Society for the History of Technology
- 2015 "'Know-how' in the History of IP Law." International Society for the History and Theory of Intellectual Property
- 2014 "Know-how and the Transmission of Industrial Science in the Cold War." History of Science Society
- 2013 "British and French Exploitation of German Technology following the Second World War." History of Science Society

#### **SERVICE**

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- 2017 Presenter on Digital History Pedagogy, "Making it Digital" workshop, New England Digital Scholarship Collective
- 2017 Commentator, "Urban History on the Digital Frontier," Massachusetts Historical Society
- 2017 Manuscript review for presses including the University of Georgia Press and Routledge
- 2016-2018 Steering Committee, Hanford History Project, Washington State University – Tri Cities
- 2015-2016 Director, Hanford Oral History Project, Washington State University – Tri Cities
- 2015-2016 Steering Committee, Roots of Contemporary Issues program, Washington State University
- 2014-2015 Organizer, History of Science Working Group, UC Berkeley Center for Science, Technology, Medicine, and Society (CSTMS)
- 2014-2015 Organizer, Berkeley Innovation Seminar, Haas School of Business / Fung Institute for Engineering Leadership
- 2015 Panelist, "How I Write" Workshop, Berkeley Connect academic mentoring program

- 2015 Panelist, Academic Grant-Writing Workshop, History Graduate Association (HGA), UC Berkeley Dept. of History
- 2014 Commentator, "Inventing the Military-Industrial Complex" Forum, Miller Center for Public Policy, University of Virginia
- 2012-2013 Mentor, Student Mentoring and Research Teams (SMART) pilot program, UC Berkeley
- 2009 Conference Support Staff, Society for the History of Children and Youth, Berkeley, CA

#### **PROFESSIONAL MEMBERSHIPS**

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American Historical Association (AHA)  
American Society for Legal History (ASLH)  
Business History Conference (BHC)  
History of Science Society (HSS)  
Society for the History of Technology (SHOT)  
Society for the History of American Foreign Relations (SHAFR)

#### **LANGUAGES**

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French: Read at a high level, speak and write at an intermediate level  
German: Read at a high level, speak and write at an intermediate level  
Spanish: Read at a high level, speak and write at an intermediate level  
Russian: Read, write, and speak at a basic level