

# Scott Gabriel Knowles, Ph.D.

---

## **EDUCATION**

---

- 2003 Ph.D.      The Johns Hopkins University  
Department of the History of Science, Medicine, and Technology  
Dissertation: "Inventing Safety: Fire, Technology, and Trust in Modern America," Dr. Stuart W. Leslie, Advisor
- 1996 M.A.      The University of Texas at Austin  
Department of History  
Thesis: "Corporation and Community: Goose Creek, Texas and the Humble Oil and Refining Company, 1916-1926," Dr. Bruce J. Hunt, Advisor
- 1995 B.A.      The University of Texas at Austin  
Double Major: History and Philosophy

---

## **PROFESSIONAL**

---

### Academic Positions

- 2011-current      Associate Professor  
Drexel University, Department of History and Politics
- 2005-2011      Assistant Professor  
Drexel University, Department of History and Politics
- 2004-2005      Visiting Assistant Professor  
John Jay College of Criminal Justice, City University of New York,  
Department of History

### Research Positions/Affiliations/Commissions

- 2013-2014      Philadelphia Mayor Michael A. Nutter's Special Advisory Commission  
on Licenses and Inspections, Best Practices Subcommittee Chair
- 2012-current      Faculty Research Fellow  
University of Delaware, Disaster Research Center
- 2006      Robert J. Lifton Fellow  
John Jay College of Criminal Justice, Center on Terrorism

### Administrative Positions

- Current      Interim Head for History, Department of History and Politics
- 2007-2013      Pennoni Honors College, Drexel University  
Associate Dean and Director, Center for Interdisciplinary Inquiry  
(2011-13); Director, The Custom-Designed Major (2010-13), Director,  
The Great Works Symposium (2007-13)

---

## **PUBLICATIONS**

---

### Books

Scott Gabriel Knowles, *The Disaster Experts: Mastering Risk in Modern America* (Philadelphia: University of Pennsylvania Press, 2011).

Scott Gabriel Knowles, ed., *Imagining Philadelphia: Edmund Bacon and the Future of the City* (Philadelphia: University of Pennsylvania Press, 2009).

### Articles (Published/Accepted for Publication)

Scott Gabriel Knowles and Howard C. Kunreuther, "Calming the Waters: The National Flood Insurance Program in Historical Perspective," *Journal of Policy History* (forthcoming 2014).

Scott Gabriel Knowles, "Defending Philadelphia: A Historical Case Study of Civil Defense in the Early Cold War," *Public Works Management and Policy* (January, 2007): 1-16.

Scott Gabriel Knowles, "Lessons in the Rubble: The World Trade Center and the History of Disaster Investigations in the United States," *History and Technology* (Spring, 2003): 9-28.

Robert H. Kargon and Scott Gabriel Knowles, "Knowledge for Use: Science, Higher Education, and America's New Industrial Heartland, 1880-1915," *Annals of Science* (January, 2002): 1-20.

Scott Gabriel Knowles and Stuart W. Leslie, "Industrial Versailles: Eero Saarinen's Corporate Campuses for GM, IBM, and AT&T," *Isis* (March, 2001): 1-33.

### Book Chapters

Scott Gabriel Knowles and Stuart W. Leslie, "Industrial Versailles: Eero Saarinen's Corporate Campuses for GM, IBM, and AT&T," in David Kaiser and Sally Kohlstedt, eds., *Science and the American Century: Readings from Isis* (Chicago: University of Chicago Press, 2013).

### Encyclopedia Entries, Essays, Articles, and Op-Eds

"The Politics of Disaster Management," (with James Bergey), Oxford Bibliographies, 2013.

<http://www.oxfordbibliographies.com/view/document/obo-9780199756223/obo-9780199756223-0074.xml>

"FEMA Needs to Refocus," (with Patrick S. Roberts) *The Hill*, 27 November 2012.  
<http://thehill.com/opinion/op-ed/269713-fema-needs-to-refocus>

- “Exposed to Disaster,” *The Philadelphia Inquirer*, 21 November 2012.  
[http://articles.philly.com/2012-11-21/news/35258881\\_1\\_hazard-mitigation-disasters-fema](http://articles.philly.com/2012-11-21/news/35258881_1_hazard-mitigation-disasters-fema)
- “We Should Put More, Not Less, Into FEMA’s Disaster Relief Fund,” (with James M. Kendra), *US News and World Report* (online), 1 November 2012.  
<http://www.usnews.com/debate-club/should-femas-responsibilities-be-handed-over-to-the-states/we-should-put-more-not-less-into-femas-disaster-relief-fund>
- “9/11: A Lapse of Memory,” (with Charles B. Strozier), *The Philadelphia Inquirer*, 11 September 2012.  
[http://articles.philly.com/2012-09-12/news/33764292\\_1\\_memory-world-war-ii-vietnam-war](http://articles.philly.com/2012-09-12/news/33764292_1_memory-world-war-ii-vietnam-war)
- “The Best Sport You’ve Never Seen,” (with Stephen Gambescia and Ariel Pollak), *The Smart Set*, September 28, 2012.  
<http://www.thesmartset.com/article/article09281201.aspx>
- “Chicago, IL, 1877-1896,” Richardson Dilworth, ed., *Cities in American Political History* (Thousand Oaks, CA: CQ Press: 2011), 292-298.
- “Chicago, IL, 1896-1929,” Richardson Dilworth, ed., *Cities in American Political History* (Thousand Oaks, CA: CQ Press: 2011), 358-364.
- “Philadelphia, 1952-1989,” Richardson Dilworth, ed., *Cities in American Political History* (Thousand Oaks, CA: CQ Press: 2011), 577-583.
- “The Code War,” *The Smart Set*, September 2, 2011.  
<http://www.thesmartset.com/article/article09021101.aspx>
- “The Phantom of the Fair,” *The Smart Set*, October 4, 2010.  
<http://www.thesmartset.com/article/article10051001.aspx>
- “Ask an Urban Historian,” *The Next American City*, (Spring, 2009).
- “Building Under Peril,” *The Next American City* (Spring, 2008): 38-41, 53.
- “Next American City Exclusive Interview with Domenic Vitiello,” *The Next American City*, May 20, 2008.  
<http://americancity.org/buzz/entry/836/>
- “Urban Policy and the Presidency,” *The Next American City*, April 24, 2008.  
<http://americancity.org/buzz/entry/806/>
- “The Phantom Urban Debate,” *The Next American City*, November 22, 2007.  
<http://americancity.org/daily/entry/111/>

“Disaster 2.0: Using GIS to Cover Misfortune-in-Motion,” *The Next American City*, November 8, 2007.  
<http://americancity.org/daily/entry/80/>

“Urban Hazards and Disasters: Southern California Wildfires,” *The Next American City*, October 26, 2007.  
<http://americancity.org/daily/entry/66/>

#### Works Under Review/In Progress

“Engineering Risk and Disaster,” (a special issue of *Engineering Studies*, edited by Scott Gabriel Knowles, including a contributed article, “Engineering Risk and Disaster: Disaster STS and the American History of Technology”; expected publication date: 2014).

“Learning from Disaster: The History of Technology and the Future of Disaster Research,” under review with *Technology and Culture*.

“Investigating 3.11: Disaster and the Politics of Expert Inquiry,” chapter for edited volume with Fukushima Forum research collaborative.

#### *The United States of Disaster*

A history of the attempts by policymakers and technical experts to understand and meet the challenges of the losses from disasters tied to rapid land development and associated environmental degradation in the United States since the 1960s.

#### Book Reviews

Review of Gregory Bankoff, Uwe Lubken, and Jordan Sand, eds., *Flammable Cities: Urban Fire and the Making of the Modern World* (Madison: University of Wisconsin Press, 2012), *Journal of the American Planning Association* 79: 2 (Spring, 2013).

Review of James J. Connolly, *An Elusive Unity: Urban Democracy and Machine Politics in Industrializing America* (Ithaca: Cornell University Press, 2010), *Journal of American History*, (December, 2011).

Review of Rachel Maines, *Asbestos and Fire: Technological Trade-Offs and the Body at Risk* (New Brunswick: Rutgers Press, 2005), *Technology and Culture* (January, 2007): 175-177.

Review of David E. Nye, *America As Second Creation: Technology and Narratives of New Beginnings* (Cambridge: MIT Press, 2003), *Business History Review* (Autumn, 2005).

Review of James Glanz and Eric Lipton, *City in the Sky: The Rise and Fall of the World Trade Center* (New York: Times Books, 2004), *Technology and Culture* (July, 2005): 670-672.

Review of Mark Tebeau, Eating Smoke: Fire in Urban America, 1800–1950 (Baltimore: Johns Hopkins University Press, 2003), *Enterprise and Society* (September, 2004): 554-556.

Review of Neil deGrasse Tyson, The Sky Is Not the Limit: Adventures of an Urban Astrophysicist (New York: Prometheus Books, 2004), *New York Times Book Review* (August 1, 2004): 12.

Review of Michael Sorkin and Sharon Zukin, eds., After the World Trade Center: Rethinking New York City (New York: Routledge, 2002), *History and Technology* (Fall, 2002): 168-170.

---

### **GRANTS, FELLOWSHIPS, AWARDS, AND HONORS**

---

#### Grants Funded

- 2009            National Science Foundation, \$300,000, (3-year award).  
Research Experience for Undergraduates (REU) Site: Engineering Cities,  
Mira Olson (PI), Patrick Gurian (Co-PI),  
Scott Knowles (Senior Investigator)
- 2007            United States Department of Education, \$511,524, (3-year award).  
Graduate Assistance in Areas of National Need (GAANN), Fellowships in  
Urban Hazard Mitigation: Creating Sustainability and Resilience,  
Patricia Gallagher (PI), Scott Knowles (Co-PI)
- 2006            Olin Workshop Grant, \$8,500.00  
“The Future of the Industrial City”: conference at Drexel University  
Scott Gabriel Knowles co-organizer with Richardson Dilworth
- 2001            Drexel University Faculty Development Grant, 2001. Awarded to support  
the development of web-based instruction.

#### Grants Pending

- 2013            National Science Foundation, Disaster Research Center 50<sup>th</sup> Anniversary  
Workshop (co-PI), \$75,000
- 2012            National Science Foundation, \$300,000 (3-year award).  
REU Site: Engineering Cities – Urban Geothermal Energy Potential  
Patricia Gallagher (PI), Scott Knowles (Senior Investigator)

#### Awards

- 2004            The History of Science Society: Derek Price/Rod Webster Prize, 2004.  
Awarded in recognition of excellence in a research article published in the  
journal *Isis*. Winning article: Scott Knowles & Stuart W. Leslie,

"Industrial Versailles": Eero Saarinen's Corporate Campuses for GM, IBM, and AT&T."

- 2003      The Society for the History of Technology: The Samuel Eleazar and Rose Tartakow Levinson Prize, 2003. Awarded annually for an original essay in the history of technology. Winning essay: Scott G. Knowles, "The One Place Where it Pays to Play With Fire: Underwriters Laboratories and the Invention of Fire Safety."

#### Fellowships

- 2006      Robert J. Lifton Fellowship, John Jay College of Criminal Justice, Center on Terrorism, 2006. Awarded in recognition of developing and teaching courses that focus on nuclear weapons history and proliferation.

---

#### INVITED PRESENTATIONS

---

- 2013      Disaster-STS, an NSF workshop, Washington, D.C., September 2013
- "Imagining the Worst," Cornell University, April 2013
- "Learning from Disaster?" Stevens Institute of Technology, March 2013
- 2012      "September 11, 2051," September 11 and Historical Memory Conference, John Jay College of Criminal Justice, City University of New York, 2 April 2012.
- "Homeland Insecurities: Understanding American Disasters Since September 11," Taubman College of Architecture and Urban Planning, University of Michigan, 30 March 2012.
- 2011      "A Philadelphia History Walking Tour: Colonial, Industrial, and The Next Philadelphia," Drexel University Research Experiences for Undergraduates (REU) Summer Program, July-August, 2011.
- Philadelphia Area Center for the History of Science, "So Many Boundaries, Recent Ideologies of Expertise," May, 2011
- AIA Philadelphia, Center for Architecture, "Edmund Bacon and the Future of Philadelphia," invited presentation, May, 2011
- 2010      "A Philadelphia History Walking Tour: Colonial, Industrial, and The Next Philadelphia," Drexel University Research Experiences for Undergraduates (REU) Summer Program, June 30 and August 4, 2010.

“Edmund Bacon and Society Hill,” Head House Books, Philadelphia, Book Talk and Walking Tour, May 25, 2010.

“Imagining Philadelphia: Edmund Bacon and the Future of the City,” AIA Philadelphia Center for Architecture, May 5, 2010.

“Imagining Philadelphia’s Future, An Evening at the Academy of Natural Sciences,” April 26, 2010.

“Experts in Disaster,” Homeland Security Philadelphia Student Chapter, Drexel University, April 14, 2010.

“Imagining Philadelphia: Edmund Bacon and the Future of the City,” Society Hill Civic Association, March 17, 2010.

“Imagining Philadelphia: Edmund Bacon and the Future of the City,” Penn Institute for Urban Research Series, February 17, 2010.

“Imagining Philadelphia: Edmund Bacon and the Future of the City,” Philadelphia Pecha Kucha #4, January 30, 2010.

2009 “Imagining Philadelphia: Edmund Bacon and the Future of the City,” December 8, 2009, Tredyffrin Public Library.

“Imagining Philadelphia: Edmund Bacon and the Future of the City,” Design on the Delaware, October 28, 2009.

“Renewal and Riot,” lecture and walking tour for the Pennsylvania Humanities Council, July 2009.

“Eastern State Penitentiary and the History of Philadelphia,” Drexel College of Arts and Sciences Alumni Event, May 2009.

“Philadelphia and the History of Public Health,” lecture to the Philadelphia Inter-University Public Health History Course, April 2009.

“The Emergency Managers,” lecture to the Bates Center for the History of Nursing, March 2009.

“Experts in Disaster: Confronting the Fire Problem in Modern American Cities,” Philadelphia Area Center for the History of Science, March 2009.

2008 “What Is a Disaster? Social Science Disaster Research in the Postwar United States,” University of Texas, Colloquium in the History of Science, 2008.

“Meet the Emergency Managers: The History of a Profession From FEMA to

- Katrina,” University of Delaware, Disaster Research Center, 2008.
- 2007      “A Discussion of the Philadelphia 24-Hour Road Trip,” Talk 20, Institute of Contemporary Art, Philadelphia, 2007.
- “What Is a Disaster? Social Science Disaster Research in the Postwar United States,” Johns Hopkins University, Department of the History of Science, Medicine, and Technology Colloquium, 2007.
- “A Philadelphia History Walking Tour: Colonial, Industrial, and Post-Industrial,” Drexel University Research Experiences for Undergraduates (REU) Summer Program, 2007.
- “The One Place Where It Pays to Play With Fire: Underwriter’s Laboratories,” Underwriters Laboratories, 25 Year Club Annual Meeting, 2007.
- 2006      “Experts in Disaster: A History of Risk and Authority in the Modern United States,” Drexel University, The Dean’s Speakers Series, 2006.
- “Experts in Disaster: A History of Risk and Authority in the Modern United States,” John Jay College of Criminal Justice, Center on Terrorism, 2006.
- “Benjamin Franklin at 300: Do We Know Him Yet?” Drexel University, The Westphal Picture Gallery Lecture Series, 2006.
- “A Philadelphia History Walking Tour: Colonial, Industrial, and Post-Industrial,” Drexel University Research Experiences for Undergraduates (REU) Summer Program, 2006.
- 2004      “The Iroquois Theater Fire and the Invention of Fire Safety,” Hunter College, City University of New York, Department of History, 2004.
- 2003      “Inventing Safety: Fire, Technology, and Trust in Modern America,” University of Pennsylvania, Department of the History and Sociology of Science, 2003.
- 2002      “From Coney Island to the Picture Palace: Electrification in New York City,” Baruch College, City University of New York, 2002.
- “Disasters in the Urban Realm: Urban Disaster and Public Memory in the United States,” Columbia University, Trading Places Network International Urban Studies Conference, 2002.
- 2001      “Representative of Safety: John Ripley Freeman and the Iroquois



- Theater Fire in Chicago,” Drexel University, Science, Technology, and Society Speaker Series, 2001.
- 2000 “Art-Deco and the American Skyscraper,” Duke University, Duke in New York Urban History Seminar, 2000.
- 1999 “Versailles of Industry: Eero Saarinen’s Corporate Campuses for GM, IBM, and AT&T,” Johns Hopkins University Global Economic History Seminar, 1999.
- 
- MEDIA APPEARANCES, INTERVIEWS, AND REVIEWS*
- 
- Radio Times with Marty Moss-Coane, “Moral Hazard and Sandy Relief: Do Federal Funds Invite Disaster?” 26 February 2013.  
<http://whyy.org/cms/radiotimes/2013/02/26/the-moral-hazard-sandy-relief-do-federal-funds-invite-disaster/>
- Radio Times with Marty Moss-Coane, “Hurricane Sandy: Day 2,” 30 October 2012.  
<http://whyy.org/cms/radiotimes/2012/10/30/hurricane-sandy-day-2/>
- “Trouble in Mind,” Theresa Everline, *Philadelphia City Paper*, 2 February 2012.  
<http://www.citypaper.net/news/2012-02-02-scott-gabriel-knowles-drexel-the-disaster-experts.html>
- “Some Disaster Aid Still Awaiting Congressional Action,” Brian Tumulty, *Gannett News Service*, October 1, 2011.
- “Books About 9/11,” Steven Levingston, *Washington Post*, September 9, 2011.
- The Leonard Lopate Show, WNYC, “The Disaster Experts,” September 8, 2011.  
<http://www.wnyc.org/shows/lopatel/2011/sep/08/disaster-experts/>
- “Did 9/11 Make America Less Safe from Natural Disasters,” Gregory Warner, *Marketplace*, September 7, 2011.  
<http://marketplace.publicradio.org/display/web/2011/09/07/pm-did-9-11-make-america-less-safe-from-natural-disasters/>
- “Stephen Girard: Life and Legacy,” History Making Productions, 2011.
- “Examining Ed Bacon’s Visions for Philadelphia,” Nicole Contosta, *Philadelphia Weekly Press*, February 24, 2010.  
<http://weeklypress.com/examining-ed-bacons-visions-for-philadelphia-p1796-1.htm>
- “American Arsenal,” The Military Channel, Jake Callahan, Director, 2008.
- “What Edmund Bacon Saw and Failed to See,” Elise Vider, *PlanPhilly*, Dec. 2, 2009.  
<http://planphilly.com/what-edmund-bacon-saw-and-failed-see>

“The Future is Now,” Nathaniel Popkin, *Philadelphia City Paper*, December 16, 2009.  
<http://archives.citypaper.net/articles/2009/12/17/imagining-philadelphia-edmund-bacon-and-the-future-of-the-city>

---

*CONFERENCE PAPERS AND PRESENTATIONS*

---

- |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2013 | Fukushima Forum, Berkeley, May 2013                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 2012 | <p>“Investigating 3.11: Disaster and the Politics of Expert Inquiry,” Society for the Social Studies of Science, Annual Meeting, October, 2012.</p> <p>“The Custom-Designed Major at Drexel University,” Individualized Major Programs Annual Meeting, University of Indiana, March, 2012.</p>                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 2011 | <p>“Learning from Disaster? Engineers in the Post-9/11, Post-Katrina United States,” Society for the Social Studies of Science, Annual Meeting, November, 2011.</p> <p>“Engineers and Disaster,” International Network for Engineering Studies/Society for the History of Technology Workshop, November, 2011.</p> <p>“The Emergency Managers: A Profession on the Edge,” Natural Hazards Workshop, with James Kendra, July, 2011</p> <p>“Better Cities, Better Lives? The World’s Fair in the 21st Century,” Mobilities in Motion Conference, Drexel University, March, 2011</p> <p>“The History of Individualized Major Programs,” Individualized Major Programs Annual Meeting, University of Indiana, March, 2011</p> |
| 2010 | “The Custom-Designed Major,” Individualized Major Programs Annual Meeting, University of Indiana, March, 2010                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 2009 | <p>“Imagining Philadelphia: Edmund Bacon and the City of the Future,” Social Science History Association Annual Meeting, 2009.</p> <p>“Staying Too Long at the Fair: Philadelphia Planning and the Debacle of ’76,” Society of American City and Regional Planning History, Meeting 2009.</p> <p>“Engineers in the Risk Society: The Blurry Professional Boundaries of Disaster Experts since the 1970s” Society for the Social Studies of Science, Annual Meeting 2009.</p>                                                                                                                                                                                                                                              |

- “Leadership and Professionalization in Emergency Management,” Natural Hazards Annual Workshop, July 2009.
- 2007 “Roundtable on Teaching Urban History,” Social Science History Association Annual Meeting, 2007.
- “A Unity of Hazards: Educating the Hazards Engineer in Postwar America,” Society for the History of Technology Annual Meeting, 2007.
- “Defending Philadelphia: Emergency Preparedness and the Future of the City,” The Technological Future of the Industrial City Conference, Drexel University, 2007.
- 2006 “Engineers in Disaster: Underwriters Laboratories and the Invention of Risk Engineering in the United States,” International Network for Engineering Studies Conference, 2006.
- “Experts in Disaster,” Social Science History Association Annual Meeting, 2006.
- “Citizen Experts: Information Technology and the Democratization of Risk Awareness in the United States,” Society for the History of Technology Annual Meeting, 2006.
- 2004 “Risk International: Prediction, Disaster, and Emergency Management in the Age of Globalization,” Society for the History of Technology Annual Meeting, 2004.
- 2003 “Laughing at Danger: Disaster Spectacles in the Era of American Conflagrations,” Society for the History of Technology Annual Meeting, 2003.
- 2002 “Crucible of Safety: Progressive Chicago and the Fire-Proof Metropolis,” Social Science History Association Annual Meeting, 2002.
- “9/11 and the History of Technology in the Classroom,” Museum of the City of New York: “September 11: One Year After,” 2002.
- 2000 “Revolution Without Borders: The International Office of Consumers Unions in the 1950s-1960s,” Society for the History of Technology Annual Meeting, 2000.
- “Consuming Safety: Technology and Safety Standards in the United States, 1900-1970,” Business History Conference Annual Meeting, 2000.

- 1999            “The Symbol of Safety: Underwriters Laboratories, 1903-1920,”  
History of Science Society Annual Meeting, 1999.
- “Cities of Disaster: Fire Spectacles at Coney Island,” Pennsylvania  
Academy of Fine Arts, 1999.

---

## PROFESSIONAL MEMBERSHIPS AND SERVICE

---

### Professional Service: Editorial

*Engineering Studies*, Associate Editor, 2008-current

### Professional Service: Committee

Society for the History of Technology, Levinson Prize Committee, 2013  
Society for the History of Technology, Conference Travel Committee, 2007-2009  
Greater Philadelphia Consortium for Emergency Preparedness, 2007  
Society for the History of Technology, Robinson Prize Committee, 2004-2007  
Social Science History Association, Urban Network Co-Chair, 2006

### Memberships

American Historical Association  
International Network for Engineering Studies  
Society for the History of Technology  
Society for the Social Studies of Science

---

## CONFERENCES ORGANIZED

---

- 2012            “3.11 Virtual Conference: Looking Back to Look Forward,” 11 March 2012,  
Sponsored by the Fukushima Forum, Co-organized with Atsushi Akera and  
Lisa Onaga: <http://fukushimaforum.wordpress.com/conferences/>
- 2008            “Preparedness in the Region: Confronting Vulnerability in the Delaware  
Valley,” Drexel University Engineering Cities Initiative, 2008. This two-day  
conference, co-sponsored with the City of Philadelphia’s Office of  
Emergency Management, brought together academics, emergency  
management officials, public health officials, and non-profit organizations to  
analyze emergency management regional research and concerns.
- 2006            “The Technological Future of the Industrial City,” Drexel University, 2006,  
co-organizer with Richardson Dilworth.  
This conference brought together government officials, members of the  
business community, academics, and community activists interested in  
determining the future of transportation, communications, water, and energy

systems in Philadelphia.

Science, Technology, and Society Student Symposium, Drexel University, Department of History and Politics, 2006, 2003. These events featured research presentations by current STS Masters students.

- 2005      “The Politics of Disaster: Considering Ethics, Engineering, and Public Health in the Aftermath of Hurricane Katrina,” 2005. This panel discussion and fundraiser provided a multi-disciplinary investigation of Hurricane Katrina.

---

## PUBLIC PROJECTS, CONSULTING, AND VOLUNTEER WORK

---

### Public Projects

#### Psychogeography Project (PgP)

This urban exploration project was founded by Scott Gabriel Knowles, Kurt Braunohler, and Calvin Johnson in 2000—PgP holds public events several times a year inviting participants to explore a given theme as they map and record their interactions with urban environments. For a full description and listing of Psychogeography Project events, see: <http://psychogeographyproject.blogspot.com/>; <http://americancity.org/24/about.html>

“The Urban Disorientation Game,” Enzimi’s “Talents Out Festival”, Rome, November, 2007.

“The Urban Disorientation Game,” Glowlab’s “Conflux Festival,” New York, September, 2007  
<http://www.confluxfestival.org/conflux2007/urban-disorientation-game-long-game/>

“24-Hour Road trip,” with *The Next American City Magazine*, Philadelphia, August, 2007.  
<http://americancity.org/24/philadelphia.html>

“24-Hour Road trip,” Glowlab’s “Conflux festival, New York, September, 2006  
<http://confluxfestival.org/projects.php?projectid=322>

### Historical Consulting

“Protect,” Museum of the City of New York, 2004  
<http://www.mcny.org/index.html>

From the exhibition description: “Explore how New Yorkers have protected themselves from fire through the years. From bucket brigades and volunteers to building codes and the city's water system, this exhibition looks at three hundred years of fire protection in New York City.” Produced by Chicken & Egg Public Projects, for the Museum of the City of New York.

“Me, Myself and Infrastructure: Private Lives and Public Works in America,” Opened at The New York Historical Society, 2001 (on tour until

2003)

<http://www.asce.org/150/infrastructure/index.html>

From the exhibition description: "To commemorate its 150th anniversary, ASCE introduces Me, Myself and Infrastructure: Private Lives and Public Works in America, a project that tells the story of a thirsty, car-crazy nation. Through a series of related exhibitions and programs, Me, Myself and Infrastructure explores the relationship of the public to the civil engineering networks that define modern life." Produced by Chicken & Egg Public Projects.

Contributor to the 9-11 Digital Archive—A special collection for this online archive composed of Drexel University student responses to the events of September 11. The collection surveys the range of concerns and debates emerging from the classroom over the year after 9-11. The overall project is available at: <http://911digitalarchive.org/>

#### Volunteer Work

Board Member, Headlong Dance Theater, 2009-present.

Audio Books Narrator, Andrew Heiskell Braille and Talking Book Library, New York Public Library, 1999-2006.

---

### TEACHING

---

#### Undergraduate Courses Taught

Technology in Historical Perspective

Themes in World Civilization II, 1200-1815

United States History, 1815-1900

United States History since 1900

The United States Civil War

Research Methods in History

The Civil War and American Memory

United States Urban History

The History of Philadelphia

The Study of History

Junior Seminar in History

Senior Seminar in History I

Senior Seminar in History II

The Global City

Physical Philadelphia

Media Interactivity

The Atomic Bomb

The Automobile

The Next Philadelphia

Blood and Oil

Knowledge By Design

September 11, 2001  
The Next President  
The World's Fair in History

Graduate Seminars Taught in the Drexel University Science, Technology, and Society Masters Program

Risk, Disaster, and Public Policy  
Technology in Historical Perspective  
STS Perspectives on Risk and Disaster  
Risk International  
Taking Chances: Science, Technology, and Risk in Modern Society  
Technology and the City  
Technology and the Consumer  
Boom and Bust: The History of the American City  
Independent Study in History

Travel-Integrated Courses Organized

The 2012 London Paralympics—an experiential course taught on-site in London, continuing a course titled Perspectives on Disability, 9 students.

The 2010 World Expo—an experiential course with trip to Shanghai for the 2010 Shanghai World Expo, 2010, 12 students.

The Mississippi River—an experiential course with trip to New Orleans in the aftermath of Hurricane Katrina, 2006, 20 students.

The Obama Inauguration—an experiential course with trip to Washington, D.C. for the Obama inauguration, 2008, 60 students.

Masters Theses Supervised

Sean McCallum, “From Gun to Briefcase: The Origins of the Private Military Contractor, 2007.

Jennifer Britton, “Improvising the Suburban Landscape: Building Public Space at Greengate Mall,” 2006.

Philip Louridas, “Super Service: A History of Automobile Repair Franchising since 1956,” 2005.

Secondary Reader/Advisor on Masters Theses

Elizabeth St. Clair, “Access and Intervention: Ideologies of Skill and Opportunity in a West Philadelphia Computer Training Program,” 2007.

Zen McManus, “Hurricane Betsy and Hurricane Katrina,” 2007.

Agyeman Boateng, “Viceroys of Difference: Minority Engineering Program Directors of

Mid-Atlantic Universities,” 2006.

Dennis Callahan, “Bell Telephone in the City: Skill, Race and Labor Relations in 1970s Philadelphia,” 2006.

Donna Loyle, “Building the ARPANET: How IPTO Gathered a Research Community and the Drivers that Shaped its Mission,” 2005.

Undergraduate Advising/Independent Study

Joseph Schaible, “Campus Tour 2.0,” Students Tackling Advanced Research (STAR) Scholar, 2009.

Madison Eggert-Crowe, “The Chestnut Street Pedestrian Mall,” College of Arts and Sciences Humanities Fellow, 2008-2009.

Michael Hess, STAR Scholar, 2008.

Chris Gillespie, independent study as part of the National Science Foundation REU (Research Experience for Undergraduates) program, 2007.

---

TEACHING AWARDS

---

Drexel University College of Arts and Sciences Distinguished Teaching Award, 2009.

Drexel University Student Athletics “Make A Difference Award,” 2007. Awarded to Drexel faculty “annually by the Drexel Student-Athlete Advisory Committee, recognizes professors and instructors for outstanding mentoring and teaching.”

Barbara G. Hornum Award for Teaching Excellence, 2004.

Awarded in recognition of teaching excellence to an auxiliary professor with at least three years of teaching experience at Drexel University.

---

UNIVERSITY ADMINISTRATION AND SERVICE

---

Administration

Associate Dean, Pennoni Honors College, September 1, 2011

Director, Center for Interdisciplinary Inquiry, Pennoni Honors College, July 1, 2011

The Great Works Symposium, Pennoni Honors College, Director, 2007-present;  
Assistant Director, 2005-2007.

The Great Works Symposium offers a new interdisciplinary theme every year, and four courses to develop the theme; I staff the program every year with a Faculty Fellow and a Visiting Fellow, as well as faculty from across the university. The Great Works



Symposium brings an average of 40 guest lecturers to campus every year. More information:

<http://www.drexel.edu/greatworks/>

The Custom-Designed Major Program, Pennoni Honors College, Director, 2010. This major (first class arrives 2011) allows students to develop unique, interdisciplinary courses of study that combine two or more major subject areas. The program offers close mentorship, and an emphasis on undergraduate research. More information: <http://www.drexel.edu/catalog/ug/pennoni/custom-major.htm>

Drexel Engineering Cities Initiative (DECI), Major Research Initiative at Drexel University, Co-Director, 2007-2011; DECI, Disaster and Emergency Preparedness Group Convener, 2007-2008.

#### University Service

Strategic Plan Task Force on Academic Quality and Innovation, Co-Chair, 2011  
New Faculty Orientation Presenter, 2011  
Middle States Commission on Higher Education, Comm. on Mission and Goals, 2010  
Drexel University Libraries Advisory Committee, 2010  
Research Day, Judge, 2006, 2009  
New Faculty Orientation Presenter, “Philadelphia as a Living Laboratory,” 2008  
Drexel Votes 2008 Committee, 2007-2009—moderated students debates and hosted primary and election night watch parties  
Democratic Debate at Drexel, Faculty Volunteer, 2007  
Accepted Students Day, Guest Speaker, 2006

#### College of Arts and Sciences Service

The mCenter, Advisory Board Member, 2010  
Accepted Students Day, College of Arts and Sciences Representative, 2007  
D3 Committee, 2005-present

#### Department of History and Politics Service

Department Head Search Committee, 2010-2011  
Curriculum Committee, 2006-present  
Departmental Essay Prize Committee, 2006-present  
Science, Technology, and Society Masters Program, Curriculum Committee, member, 2005-present  
Co-op Committee, 2007-2008  
History and Politics Senior Student Paper Presentations, Organizer, 2007