# JAY D. ARONSON

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#### **CURRENT POSITIONS**

**Professor of Science, Technology, and Society**, July 2018-present, Carnegie Mellon University, Department of History

**Founder** and **Director**, Center for Human Rights Science, January 2011-present, Carnegie Mellon University

**Extraordinary Lecturer,** January 2019-present, Faculty of Law, Centre for Human Rights, University of Pretoria (South Africa)

## PREVIOUS POSITIONS

**Associate Professor of Science, Technology, and Society**, July 2012-June 2018 (with tenure), July 2009-June 2012 (without tenure), Carnegie Mellon University, Department of History

**Faculty Advisor**, Ethics, History, and Public Policy major, September 2009-June 2015, Carnegie Mellon University

**Assistant Professor of Science, Technology, and Society**, August 2004-June 2009, Carnegie Mellon University, Department of History

**Post-Doctoral Fellow**, 2003-2004, Harvard University, Program on Science, Technology, and Society, Kennedy School of Government

#### **EDUCATION**

**Ph.D. in History of Science and Technology**, University of Minnesota (May 2004) Thesis: *The Introduction, Contestation, and Regulation of Forensic DNA Analysis in the American Legal System*, 1984-1994

**Pre-Doctoral Fellow**, 2001-2003, Harvard University, Program on Science, Technology, and Society, Kennedy School of Government

**B.S. with High Honors in Biology**, University of Michigan, Honors College (December 1995) Thesis: *Testing Fragments of Genomic DNA Flanking 297 Transposable Element Insertions as Markers for QTL Mapping in Drosophila melanogaster* 

## **PUBLICATIONS**

## Single-Author Books

Who Owns the Dead? The Science and Politics of Death at Ground Zero (Cambridge: Harvard University Press, 2016)

• Selected Reviews and Features: Contemporary Sociology, Foreword Reviews, Forensic Science International: Genetics, Library Journal, Macleans, New Scientist, New York Review of Books, Philadelphia Inquirer, Pittsburgh Tribune-Review, Pittsburgh City Paper, Psychiatry, and Science

Genetic Witness: Science, Law, and Controversy in the Making of DNA Profiling (New Brunswick, NJ: Rutgers University Press, 2007).

• Selected Reviews: American Journal of Human Genetics, Choice, Journal of Chemical Education, Journal of High Technology Law, Nature Genetics, New York Law Journal, Social Studies of Science, and The Journal of Criminal Law and Criminology.

## **Edited Volumes and Special Sections**

Phuong Pham and Jay D. Aronson, special section of *International Journal of Transitional Justice* on "Technology and Transitional Justice" (March 2019)

Molly K. Land and Jay D. Aronson, *New Technologies for Human Rights Law and Practice* (Cambridge University Press, 2018).

Taylor B. Seybolt, Jay D. Aronson, and Baruch Fischhoff, *Counting Civilian Casualties: An Introduction to Recording and Estimating Nonmilitary Deaths in Conflict* (Oxford University Press, 2013).

#### Peer-Reviewed and Law Review Articles

Junwei Liang, Jay D. Aronson, and Alexander Hauptmann, "Shooter Localization Using Social Media Videos," *Proceedings of the 27th ACM International Conference on Multimedia (MM '19)*, October 21–25, 2019, Nice, France. ACM, New York, NY, USA.

"Computer Vision and Machine Learning for Human Rights Video Analysis: Case Studies, Possibilities, Concerns, and Limitations," *Law and Social Inquiry*, 2018, 43(4): 1188-1209.

Jay D. Aronson, McKenna Cole, Alex Hauptmann, Dan Miller, and Bradley Samuels, "Reconstructing Human Rights Violations Using Large Eyewitness Video Collections: The Case of Euromaidan Protester Deaths," *Journal of Human Rights Practice*, 2018, 10(1): 159-178.

"Preserving Human Rights Media for Justice, Accountability, and Historical Clarification," *Genocide Studies and Prevention*, 2017, 11(1): 82-99.

Alex John London, Lisa S. Parker and Jay D. Aronson, "DNA Identification After Conflict or Disaster," *Science*, 2013, 341: 1178-1179.

Lisa S. Parker, Alex John London and Jay D. Aronson, "Incidental findings in the use of DNA to identify human remains: An ethical assessment," *Forensic Science International: Genetics*, 2013, 7: 221-229.

"The Strengths and Limitations of South Africa's Search for Apartheid-Era Missing Persons," *International Journal of Transitional Justice*, 2011, 5(2): 262-281.

Jay D. Aronson and Simon A. Cole, "Science and the Death Penalty: DNA, Innocence, and the Debate over Capital Punishment in the United States," *Law and Social Inquiry*, 2009, 34(3): 603-633.

• Received Honorable Mention in the Law and Society Association's 2011 Article Prize Competition

"Neuroscience and Juvenile Justice," Akron Law Review, 2009, 42: 917-930.

"Creating the Network and the Actors: The FBI's Role in the Standardization of Forensic DNA Profiling," *Biosocieties*, 2008, 3(2): 195-215.

"Brain Imaging, Culpability, and the Juvenile Death Penalty," *Psychology, Public Policy, and Law*, 2007, 13(2): 115-142.

"The 'Starch Wars' and the Early History of DNA Profiling," *Forensic Science Review*, 2006, 18(1): 59-72.

"DNA fingerprinting on trial: the dramatic early history of a new forensic technique," *Endeavour*, 2005, 29(3): 126-131.

"Molecules and Monkeys: George Gaylord Simpson and the Challenge of Molecular Evolution," *History and Philosophy of the Life Sciences*, 2002, 24: 441-465.

## **Book Chapters**

"The Utility of User-Generated Content in Human Rights Investigations," in Molly K. Land and Jay D. Aronson (eds.), *New Technologies for Human Rights Law and Practice* (Cambridge University Press, 2018), pp. 129-148.

Molly K. Land and Jay D. Aronson, "The Promise and Peril of Human Rights Technology," in Land and Aronson (eds.), *New Technologies for Human Rights Law and Practice* (Cambridge University Press, 2018), pp. 1-20.

"Mobile Phones, Social Media, and Big Data in Human Rights Fact Finding: Possibilities, Challenges, and Limitations," in Philip Alston and Sarah Knuckey (eds.), *The Transformation of Human Rights Fact-Finding* (Oxford University Press, 2015), pp. 441-461.

Taylor B. Seybolt, Jay D. Aronson, and Baruch Fischhoff, "Introduction," in Taylor B. Seybolt, Jay D. Aronson, and Baruch Fischhoff (eds.), *Counting Civilian Casualties: An Introduction to Recording and Estimating Nonmilitary Deaths in Conflict* (Oxford University Press, 2013), pp. 3-13.

"The Politics of Civilian Casualty Counts," in Taylor B. Seybolt, Jay D. Aronson, and Baruch Fischhoff (eds.), *Counting Civilian Casualties: An Introduction to Recording and Estimating Nonmilitary Deaths in Conflict* (Oxford University Press, 2013), pp. 29-50.

Jay D. Aronson, Baruch Fischhoff, and Taylor B. Seybolt, "Moving toward More Accurate Casualty Counts," in Taylor B. Seybolt, Jay D. Aronson, and Baruch Fischhoff (eds.), *Counting Civilian Casualties: An Introduction to Recording and Estimating Nonmilitary Deaths in Conflict* (Oxford University Press, 2013), pp. 285-298.

"Humanitarian DNA Identification in Post-Apartheid South Africa," in Keith Wailoo, et al. (eds.), *Genetics and the Unsettled Past* (Rutgers University Press, 2012), pp. 295-312.

"Certainty v. Finality: Constitutional Rights to Post-Conviction DNA Testing," in Sheila Jasanoff (ed.) *Reframing Rights: Bio-Constitutionalism in the Genetic Age* (MIT Press, 2011), pp. 125-146.

"On Trial! Governing Forensic DNA Technologies in the United States," in Richard Hindmarsh and Barbara Prainsack (eds.), *DNA Profiling* and *Databasing: Governing the Challenges of New Technologies* (Cambridge University Press, 2010), pp. 240-261.

Simon A. Cole and Jay D. Aronson, "Blinded by Science on the Road to Abolition?," in Austin Sarat and Charles Ogletree (eds.), *The Road to Abolition* (NYU Press, 2009), pp. 46-71.

## **Invited Publications**

Phuong N. Pham and Jay D. Aronson, "Technology and Transitional Justice," *International Journal of Transitional Justice*, 2019, 13(1): 1–6

"Challenging Impunity with User Generated Content," *International Justice Monitor*, June 1, 2015, http://www.ijmonitor.org/2015/06/challenging-impunity-with-user-generated-content/.

Barbara Prainsack and Jay D. Aronson, "Forensic DNA Databases: Ethical Issues," *International Encyclopedia of the Social and Behavioral Sciences*, 2015, 9: 339-345.

"Law's Use of Neuroscience," Annual Review of Law and Social Science, 2010, 6: 7.1-7.16.

## **Op-Eds and other Commentary**

"Response to the Tree of Life Shooting" *Political and Legal Anthropology Review (PoLAR)*, https://politicalandlegalanthro.org/2019/01/17/response-to-the-tree-of-life-shootings/ (published January 17, 2019).

"Statement on Scientific Freedom and Responsibility: Considering Context" (a commentary accompanying the American Association for the Advancement of Science's Statement on Scientific Freedom and Responsibility), https://www.aaas.org/page/featured-articles (published October 5, 2017).

"15 years of mourning, memorializing and rebuilding after 9/11: What went wrong," *New York Daily News*, http://www.nydailynews.com/opinion/jay-aronson-assessing-15-years-memorializing-9-11-article-1.2785057 (Published September 11, 2016).

"After 15 years, the political power of the 9/11 victims endures," *Washington Post*, https://www.washingtonpost.com/news/monkey-cage/wp/2016/09/11/the-political-power-of-the-dead-in-the-long-wake-of-911/ (Published September 11, 2016).

Megan Price, Anita Gohdes, Jay Aronson, and Christopher McNaboe, "Civilian deaths from weapons used in the Syrian conflict," *British Medical Journal*, 2015, 8027: 351.

Brian Primack, Jay D. Aronson, and Aaron A. Agarwal, "An Old Custom, a New Threat to Tobacco Control," *American Journal of Public Health*, 2006, 96: 1339.

#### **Reviews and Other Publications**

"Technologies of Distance: Review of 'Eye in the Sky' (Raindog Films and Entertainment One Features, 2015)," *Endeavour*, 2016, 40(4): 209-211.

Review of Sarah Wagner, To Know Where He Lies: DNA Technology and the Search for Srebrenica's Missing, in Nature Genetics, 2009, 41 (3): 267.

Review of Philip Kitcher, *Science, Truth, and Democracy* and Daniel Kleinman (ed.), *Science, Technology, and Democracy*, in *Science, Technology and Human Values*, 2003, 28(1): 162-168.

Review of Francois Jacob, *Of Flies Mice and Men*, in *Journal of the History of Biology*, 2001, 34: 611-612.

## **PRESENTATIONS**

"Identifying South Africa's Missing Anti-Apartheid Activists" (Consortium for History of Science, Technology, and Medicine Seminar Series, March 2019)

"The Achievements of the Post-War Human Rights Movement" (Ohio County Public Library, Wheeling, WV, November 2018)

"Collaboration and Human Rights Practice," ("Moments of Crisis, Moments of Transformation: What Human Rights Can Learn from Change Across Disciplines" Workshop, New York University School of Law, November 2018).

Lectures on Technology and Human Rights (University of Pretoria, South Africa Centre for Human Rights, May 8-10, 2018)

Distinguished Practitioner Residency (University of Chicago Pozen Family Center for Human Rights, January 23-25, 2018)

"The Promise and Peril of Human Rights Technology" (Boston College, January 2018)

"Who Owns the Dead? The Science and Politics of Death at Ground Zero" (Cornell University, November 2017)

- "Demonstration of Technologies for Human Rights Documentation" (Office of the Prosecutor, International Criminal Court, The Hague, October 2017)
- "Who Owns the Dead? The Science and Politics of Death at Ground Zero" (University of Pittsburgh Medical Humanities Lecture, September 2017)
- "Who Owns the Dead? The Recovery, Identification, and Memorialization of Sept. 11 World Trade Center Victims" (International Association of Forensic Science Triennial Meeting, Toronto, August 2017)
- "Centre for Human Rights Lecture: The Promise and Peril of Human Rights Technology" (University of Pretoria, South Africa Faculty of Law, June 2017)
- "The Promise and Peril of Human Rights Technology" (Centre for the Study of Violence and Reconciliation, Cape Town, South Africa, June 2017)
- "Who Owns the Dead? The Science and Politics of Death at Ground Zero" (Princeton University, March 2017)
- "The Promise and Peril of Human Rights Technology" (University of Pittsburgh Sigma Xi Lecture, January 2017)
- "Who Owns the Dead? The Recovery, Identification, and Memorialization of Sept. 11 World Trade Center Victims" (CUNY John Jay College, December 2016)
- "The Promise and Peril of Human Rights Technology" (Harvard University, November 2016)
- "Using citizen media to document human rights violations during the 2013-2014 Ukraine Euromaidan protests" (The Future of Human Rights: Technology and Fact-Finding in the 21st Century Symposium, Harvard University, November 2016)
- "Who Owns the Dead? The Recovery, Identification, and Memorialization of Sept. 11 World Trade Center Victims" (Memory Survives: History, Psychology, and Disaster Recovery Workshop, Drexel University, September 2016)
- "Developing a long-term, collaborative research agenda (and funding model) for statistics and human rights" (Quantitative Data and Human Rights Conference, Duke University, May 2016)
- "Commentary on Human Rights and Technology" (MIT Starr Forum, April 2016)
- "Beyond Documentation: What is the role of tech in advancing economic and social rights?" (RightsCon, San Francisco, CA, March 2016)
- "The Utility of User Generated Content in Human Rights Investigations" (Yale Law School, November 2015)
- "The Probative Value of User Generated Content in Human Rights Investigations" (Workshop on Human Rights and New Technologies, University of Connecticut, October 2015)

Demonstration of Video Forensics Tools for Human Rights Fact-Finding (Office of the Prosecutor, International Criminal Court, The Hague, June 2015)

"Authenticating User Generated Content in Human Rights Justice and Accountability Contexts," (RightsCon Southeast Asia, Manila, Philippines, March 2015).

"Crowd-training Machine Learning Systems for Human Rights Abuse Documentation" (HCOMP 2014 Workshop on Volunteer-Based Crowdsourcing in Science, Public Health and Government, Pittsburgh, PA, November 2014).

"Technology for Truth" Spark Talk (Workshop: Ethics of Data in Civil Society, Stanford University, September 2014).

Commentary on Partnerships Between Academic Researchers and Human Rights Advocates (Joint Statistical Meetings, Boston, MA, August 2014).

Briefing on Video Forensics for Human Rights Fact-Finding (Office of the Prosecutor, International Criminal Court, The Hague, June 2014).

"Identifying South Africa's Missing Anti-Apartheid Activists" (Workshop: The Claims of Descent: Science, Representation, Race and Redress in 21st Century South Africa, Halle, Germany, June 2014)

"Social Media as Evidence in Human Rights Litigation" (American Society of International Law, Washington, DC, April 2014)

"Video Forensics: Extracting and Analyzing Information from Video About Human Rights, Conflict, and Disaster" (Vision and Autonomous Systems Center Seminar, Robotics Institute, Carnegie Mellon University, April 2014)

"Mobile Phones, Social Media, and Big Data in Human Rights Fact-Finding: Possibilities, Challenges, and Limitations" (International Human Rights Fact-Finding in the Twenty-First Century, New York University School of Law, November 2013)

"Equity and the Future of the Identification of the Missing" (The Missing: An Agenda for the Future, The Hague Academy of Law, October 2013)

"DNA Identification after Conflict and Disaster: An Overview" (DNA, Human Rights, and Human Trafficking Workshop, Duke University, September 2013)

"Ethics in DVI Operations" (Disaster, Displacement, and Human Rights Workshop, University of Tennessee, February 2013)

"Ethics in DVI Operations" (Naming the Dead: Social, Legal and Political Issues of Disaster Victim Identification by DNA workshop, Geneva, Switzerland, December 2012; presented with Andreas Kleiser of the International Commission on Missing Persons)

- "Disaster Inquiries and Technologies of Repair" (American Anthropological Association Annual Meeting, Montreal, Quebec, November 2011)
- "The 9/11 Memorial and the Identification of World Trade Center Victims" (University of North Carolina—Greensboro, September 2011)

Panelist in a session on Careers in Science and Technology Studies (STS: The Next Twenty, Conversations Within and Beyond the Field, Harvard University, April 2011)

- "Are Disaster Inquiries a Useful Model for Truth Commissions?" (University of Wisconsin, January 2011)
- "Ethical Dimensions of Post-Conflict and Post-Disaster DNA Identification of the Missing" (University of Pittsburgh Department of Human Genetics, September 2010)
- "Combating Official Ignorance: Counting Casualties in Iraq" (Science and Democracy Network Annual Meeting, Royal Society, London, England, June 2010)
- "Neuroscience and Decision Making" (Law and Biosciences Workshop, Vanderbilt University School of Law, March 2010)
- "The Ethics of Post-Conflict DNA Identification" (University of Pittsburgh School of Medicine Medical Research Scientist Training Program Ethics Seminar, December 2009)
- "Truth Commissions: Technologies of Repair or Social Autopsies?" (Harvard University, November 2009)
- "The Limits of Repair in Post-Apartheid South Africa" (Society for the Social Studies of Science Annual Meeting, Washington, DC, October 2009)
- "Humanitarian DNA Identification in Post-Apartheid South Africa" (variations of this talk were given at University of Cape Town, Stellenbosch University, University of Witwatersrand, and Mamelodi Community Center during my August 2009 visit to South Africa)
- "The Development of DNA Profiling in the American Legal System" (Villanova Law School, January 2009)
- "Brain Imaging, Culpability, and the Juvenile Death Penalty" (Neuroscience, Law, and Government Symposium, University of Akron Law School, September 2008)
- "DNA Identification in Post-Apartheid South Africa" (DNA, Race, and History Meeting, Rutgers University Center for Race and Ethnicity, April 2008)
- "The 'DNA Wars': Science, Law, and Controversy in the Making of DNA Profiling" (John Jay College of Criminal Justice, CUNY, April 2008)
- "Blinded by Science on the Road to Abolition?" (workshop on the possibility of the abolition of the death penalty, Harvard Law School, February 2008)

- "DNA Identification in the Aftermath of Genocide and Mass Violence" (Arizona State University, Tempe, November 2007)
- "DNA Identification in Post-Apartheid South Africa" (American Anthropological Association Annual Meeting, Washington, DC, November 2007)
- "Technologies of Truth: The Production of Knowledge in the South African Truth and Reconciliation Commission" (Science and Democracy Network Annual Meeting, Cambridge, England, June 2007)
- "Post-Conviction DNA Testing in the American Criminal Justice System" (International Society for the History, Philosophy, and Social Studies of Biology Biennial Meeting, Guelph, Ontario, July 2005)
- "The Biology of Culpability: Science, Democracy and the Death Penalty" (Science and Democracy Network Annual Meeting, Cambridge, MA, June 2005).
- "The Sciences and Expertise" (Humanities and Expertise: An Interdisciplinary Conference, Pittsburgh, PA, April 2005)
- "What the History of Forensic DNA Analysis Can Tell Us About the Relationship Between Science and Law" (Chemical Heritage Foundation, Philadelphia, April 2004)
- "Expertise in the Governance and Regulation of Genomic Research" (CESAGEN Conference, London, March 2004)
- "The Development and Contestation of Forensic DNA Analysis in the American and British Legal Systems" (University of Durham [England], Department of Sociology and Social Policy, September 2003)
- "Protein Sequence and Primate Systematics: G.G. Simpson Reacts to the Molecularization of Evolutionary Biology" (ISHPSSB, July 1999)
- "Sibling Rivalry: Organismic Biologists React to the New Science of Molecular Biology" (Mephistos, September 1998)

# FELLOWSHIPS, AWARDS, AND HONORS

**Open Society Foundation,** 2019-2020, "Emerging Technologies and Human Rights Renewal" (\$80,000 over 12 months through the Center for Human Rights Science)

**Oak Foundation**, 2018-2021, "General Support for the Center for Human Rights Science" (\$300,000 over 36 months for the Center's activities)

**MacArthur Foundation**, 2018-2019, "Continuing Support for the Center for Human Rights Science" (\$250,000 over 17 months for the Center's activities and strategic planning)

**Open Society Foundation,** 2017-2018, "Emerging Technologies and Human Rights" (\$100,000 over 12 months through the Center for Human Rights Science)

**Humanity United**, 2014-2017, "Video Forensics for Human Rights and Accountability" (\$200,000 over 12 months through the Center for Human Rights Science, plus \$175,000 renewal)

**MacArthur Foundation**, 2015-2018, "General Support for the Center for Human Rights Science" (\$600,000 over 36 months for the Center's activities)

**Oak Foundation**, 2015-2017, "General Support for the Center for Human Rights Science" (\$200,000 over 24 months for the Center's activities)

**Humanity United**, 2014, "Workshop: Video Forensics in Human Rights Abuse and War Crimes Investigations (Technology, Law and Ethics)" (\$10,000 for August 2014 Workshop; through Center for Human Rights Science)

**MacArthur Foundation**, 2013-2014, "Evaluating Machine Learning Methods and Tools for Use in Human Rights Work" (\$175,000 over 18 months; through the Center for Human Rights Science)

**National Institutes of Health,** 2011-2014, R01 HG005702-01, "The Ethics of Post-Conflict and Post-Disaster DNA Identification" (PI, with co-PI Sarah Wagner and co-I Alex John London, \$1,201,086)

**National Science Foundation,** 2009-2010, SES0922638, "Scientific Conference on Casualty Recording and Estimation" (co-PI, with PI Baruch Fischhoff, \$69,068)

National Institutes of Health, 2008-2010, R03 HG004655-01, "DNA Identification in the Aftermath of Genocide and Mass Violence" (PI, \$154,500)

**Kauffman Initiative,** 2007, at Carnegie Mellon University to modify 15-502 "Technology and Global Development" for inclusion in the new minor on Innovation, Entrepreneurship, and Economic Development (with Rahul Tongia) (\$10,000)

**Carnegie Mellon University**, 2005-2008, "Globalizing Our Education" Faculty Grant Program for "Technology for Global Development" (with Bernardine Dias, Joe Mertz, and Rahul Tongia) \$15,000 for three years (\$45,000 total, split four ways)

**National Endowment for the Humanities,** Stipend for Participation in Summer Institute on "Human Rights in Conflict: Interdisciplinary Perspectives," June 26-July 28, 2006, City University of New York—Graduate Center

**Berkman Faculty Development Fund Grant,** May 2005; Carnegie Mellon University, "DNA Identification in War Crimes and Genocide Investigations in the Former Yugoslavia" (\$7500)

**Falk Fund Research Grant**, May 2005, Carnegie Mellon University, "Science and Human Rights in South Africa" (\$3900)

**Post-Doctoral Fellowship**, 2003-2004, National Science Foundation Training Grant, "Reframing Rights: The Constitutional Implications of Technological Change;" Harvard University, Program on Science, Technology and Society, Kennedy School of Government

**Short-Term Visiting Scholar Grant**, Economic and Social Research Council (UK) Science in Society Programme (Two Awards: August 2003 and March 2004)

National Science Foundation Dissertation Improvement Grant, 2003-2004, SES #0240482.

**Doctoral Dissertation Fellowship**, 2002-2003, University of Minnesota

**Consortium Student Scholar and Grant Recipient**, 2001-2002, University of Minnesota Consortium on Law and Values in Health, Environment and the Life Sciences

**Graduate School Fellowship**, 1998-2001 (multi-year fellowship awarded to top candidates), University of Minnesota

#### PROFESSIONAL ACTIVITIES

Co-Organizer, Workshop on "Artificial Intelligence, Video Analysis, and Human Rights," Carnegie Mellon University, June 2017.

Organizer, Workshop on "Human Rights Media Central," Carnegie Mellon University, July 2015.

Organizer, Workshop on "Video Forensics for Human Rights Documentation," Carnegie Mellon University, August 2014.

Member, American Association for the Advancement of Science (AAAS) Committee on Scientific Freedom and Responsibility (initial term: 2012-2015; reappointed through 2018)

Member, Ford Institute for Human Security Advisory Group, University of Pittsburgh

Organizer, Workshop on "The Ethics of Post-Conflict and Post-Disaster DNA Identification," Carnegie Mellon University, September 2011

Co-Organizer, Workshop on "Computer Science and Human Rights," Carnegie Mellon University, October 2010

Co-Organizer, Conference on "Casualty Recording and Estimation in Times of Conflict," Carnegie Mellon University, October 2009

Co-Organizer, Humanities Center Faculty Research Colloquium Series, "Global Connections, Global Responsibilities," 2009-2010 academic year

## CONSULTANCIES

Technology Advisory Board, International Criminal Court Office of the Prosecutor, March 2015-present

Advisory Panel for Revision of the UN Manual on the Effective Prevention and Investigation of Extralegal, Arbitrary, and Summary Execution, UN Special Rapporteur on Extra-judicial, Summary or Arbitrary Executions, 2015-2017

Consultant, Capital Habeas Unit, Federal Community Defender for the Eastern District of Pennsylvania, April 2009-December 2009

Consultant (Political Process Documentation), UNICEF—India and Governments of Bihar and Jharkhand, India, June-July 2004

Consultant, American Society of Law Medicine and Ethics, "DNA Forensics and Civil Liberties," January-May 2004

## REFERENCES

Available upon request.