

JENNIFER K. WAGNER
CURRICULUM VITAE

CURRENT POSITIONS

09/2015 – Present Associate Director of Bioethics Research & Assistant Professor, Center for Translational Bioethics & Health Care Policy, Geisinger Health System
10/2007 – Present Attorney, solo practitioner, PA ID #206275
06/2016 – 06/2019 Senior Adjunct Research Assistant of Anthropology, Pennsylvania State University

PREVIOUS POSITIONS

2014-2015 AAAS Congressional Science and Engineering Fellow
U.S. Senate Office of Senator Edward J. Markey
2014 Assistant Professor, Department of Epidemiology and Population Health, Division of Bioethics, Albert Einstein College of Medicine of Yeshiva University
2012-2014 Research Associate, Center for the Integration of Genetic Healthcare Technologies, University of Pennsylvania
2013-2016 Adjunct Research Assistant of Anthropology, Pennsylvania State University
2012-2013 Lecturer in Anthropology, Pennsylvania State University
2011-2012 Post-Doctoral Researcher, Center for the Integration of Genetic Healthcare Technologies, University of Pennsylvania
2010-2011 Post-Doctoral Associate, Institute for Genome Sciences & Policy, Duke University
2010-2011 Visiting Assistant Professor, Department of Cultural Anthropology, Duke University

EDUCATION

2010 Ph.D. Anthropology Pennsylvania State University
Thesis: “Social and Legal Implications of DNA Ancestry Tests”
Committee: Ken Weiss (chair), Mark Shriver, Nina Jablonski, Chloe Silverman, and Jonathan Marks
2007 J.D. University of North Carolina School of Law
2002-2003 University of Michigan, Graduate Program in Biomedical Science (Human Genetics)
2002 B.A. Anthropology with Honors and High Distinction Pennsylvania State University

GRANT AWARDS

2012 – Present NIH Pathway to Independence K99/R00 Award (PA10-063)
“Multidisciplinary Study of Race, Appearance, Ancestry, Discrimination & Prejudice”
National Human Genome Research Institute (NHGRI), Awarding Institution
Proposal earned the highest possible Impact/Priority Score (10)
Grant Award 1K99HG006446-01, 5K99HG006446-02, 4R00HG006446-03, 5R00HG006446-04
Past Awards: \$428,912 Award Periods: 1/1/2012-2/28/2014, 9/1/2015-8/31/2016
Current Award: \$ 248,912 Award Period: 9/1/2016-8/31/2017
Anticipated Total Award: \$926,736
Anticipated Award Periods: 1/1/2012-2/28/2014 (K99) and 9/1/2015-9/1/2018 (R00)

PUBLICATIONS

1. *Forthcoming* Huang E, Cauley JM, and **Wagner JK**. “Barred from Better Medicine? Reexamining Regulatory Barriers to the Inclusion of Prisoners in Research.” *J Law Biosci*. Accepted 11/30/2016.
2. *Forthcoming* **Wagner JK**. “DNA, Racial Disparities, and Biases in Criminal Justice: Searching for Solutions” 27(2) *Albany Law Journal of Science & Technology*. Accepted 9/20/16.
3. **Wagner JK**, Yu J-H, Ifekwunigwe J, Harrell T, Bamshad M, and Royal C. “Anthropologists’ Views on Race, Ancestry, and Genetics.” *American Journal of Physical Anthropology*. Nov. 22, 2016. DOI: 10.1002/ajpa.23120

4. **Wagner JK**, Peltz-Rauchman C, Rahm AK, Johnson CC. "Precision Engagement: PMI's success will depend upon more than genomes and big data" *Genetics in Medicine*. Advance online publication Oct. 27, 2016. DOI: 10.1038/gim2016.165
5. Nicol D, Bubela T, Chalmers D, Charbonneau J, Critchley C, Dickinson J, Fleming J, Hewitt A, Kaye J, Liddicoat J, McWhirter R, Otlowski M, Ries N, Skene L, Stewart C, **Wagner J**, Zeps N. "Precision Medicine: Drowning in Regulatory Soup" *J Law Biosci*. May 4, 2016. doi: 10.1093/jlb/lsw018
6. Katsanis SH, Kim J, Minear MA, Chandrasekharan S, and **Wagner JK**. "Preliminary Perspectives on DNA Collection in Anti-Human Trafficking Efforts." *Recent Adv DNA Gene Seq*. Feb 16, 2015. E-pub ahead of print.
7. Claes P, Liberton DK, Daniels K, Matthes Rosana K, Quillen EE, Pearson LN, McEvoy B, Bauchet M, Zaidi AA, Yao W, Tang H, Barsh GS, Absher DM, Puts DA, Rocha J, Beleza S, Pereira RW, Baynam G, Suetens P, Vandermeulen D, **Wagner JK**, Boster JS, and Shriver MD. "Modeling 3D facial shape from DNA." *PLoS Genetics*. March 20, 2014. DOI: 10.1371/journal.pgen.1004224
8. **Wagner JK**, Mozersky JT, Pyeritz RE. "'Use it or lose it' as an alternative approach to protect genetic privacy in personalized medicine." *Urologic Oncology: Seminars and Original Investigations*. 2014; 32: 198-201.
9. **Wagner JK**. "Playing with Heart and Soul...and Genomes: Sports Implications and Applications of Personal Genomics." *PeerJ*. 2013; 1:e120 <http://dx.doi.org/10.7717/peerj.120>
10. Daley L-A A, **Wagner JK**, Himmel T, McPartland K, Katsanis S, Shriver MD, and Royal CD. "Personal DNA Activities in College Classrooms: Perspectives of Students and Professors." *Genetic Testing & Molecular Biomarkers*. 2013; 17(6): 446-452. DOI: 10.1089/gtmb.2012.0404 Epub 2013 Mar 28.
11. **Wagner JK**. "Sidelineing GINA: The Impact of Personal Genomics and Collective Bargaining in Professional Sports." *Virginia Sports and Entertainment Law Journal*. 2013; 12:81-125.
12. **Wagner JK** and Royal CD. "Field of Genes: An Investigation of Sports-Related Genetic Testing." *Journal of Personalized Medicine*. 2012; 2(3):119-137. doi:10.3390/jpm2030119
13. **Wagner JK**. "Out with the 'Junk' DNA phrase." *Journal of Forensic Sciences*. 2013 Jan; 58(1):292-4. doi: 10.1111/j.1556-4029.2012.02252.x. Epub 2012 Sep 7.
14. Katsanis SH and **Wagner JK**. "Characterization of the Standard and Recommended CODIS Markers." *Journal of Forensic Sciences*. 2013 Jan; 58 Suppl 1:S169-72. doi: 10.1111/j.1556-4029.2012.02253.x. Epub 2012 Aug 24.
15. **Wagner J**. Cockamamie state laws threaten the genetic rights movement. *Nature Medicine*. 2012; 18(4):485 doi:10.1038/nm0412-485
16. **Wagner JK**, Cooper JD, Sterling R, and Royal CD. "Tilting at Windmills No Longer: A Data Driven Discussion of DTC DNA Ancestry Tests." *Genetics in Medicine* 2012; 14(6):586-93. doi:10.1038/gim.2011.77 Epub 2012 Mar 1.
17. **Wagner JK** and Weiss KM. "Attitudes on DNA Ancestry Tests." *Human Genetics*. 2012; 131(1):41-56. DOI 10.1007/s00439-011-1034-5. Epub 2011 June 23.
18. **Wagner JK**. "Understanding FDA Regulation of DTC Genetic Tests Within the Context of Administrative Law." *American Journal of Human Genetics*. 2010; 87:451-456. doi: 10.1016/j.ajhg.2010.09.003
19. **Wagner JK**. "Interpreting the Implications of DNA Ancestry Tests." *Perspectives in Biology and Medicine*. 2010; 53(2): 231-248. doi: 10.1353/pbm.0.0158
20. **Wagner JK**. "Just the Facts Ma'am: Removing the Drama from DNA Dragnets." *North Carolina Journal of Law & Technology* 2009; 11(1): 51-101.
21. **Wagner JK** and Shriver MD. "Misinformation, Social Construction, and Genomic Ancestry Testing." *Science*. 19 Dec 2007. (e-letter)
22. Pfaff CL, Barnholtz-Sloan J, **Wagner JK**, and Long JC. "Information on ancestry from genetic markers." *Genetic Epidemiology* 2004; 26(4): 305-315. doi: 10.1002/gepi.10319
23. **Wagner JK**, Jovel C, Norton HL, Parra EJ, and Shriver MD. "Comparing quantitative measures of erythema, pigmentation, and skin response using reflectometry." *Pigment Cell Research* 2002; 15:379-384. doi: 10.1034/j.1600-0749.2002.02042.x

24. **Wagner JK**, Parra EJ, Norton HL, Jovel C, and Shriver MD. "Skin responses to ultraviolet radiation: effects of pigmentation, sex, and ancestry." *Pigment Cell Research* 2002; 15:385-390. doi: 10.1034/j.1600-0749.2002.02046.x

LECTURES, POSTERS, PRESENTATIONS, AND CONFERENCE PARTICIPATION

1. Genome Editing & Law Workshop. Invited Participant. Centre for Law and Genetics, University of Tasmania. November 13-14, 2016. Hobart, Australia.
2. "Efforts to modernize the federal human research protection policy." Invited presentation. Central Northeast Pennsylvania Chapter of Association of Clinical Research Professionals (CNEPA ACRP). October 25, 2016. Hershey, PA.
3. "Unusual Suspects: A Legal Line-Up Beyond GINA." Invited Session Organizer/Moderator. "Ready or not, here they come: law enforcement and third-party access to genomic databases." Podium Presentation. Annual Meeting of the American Society of Human Genetics. Vancouver, BC. October 18-23, 2016.
4. "DNAlawyer: Define your own career." Invited Keynote Speaker for the 6th Annual Susquehanna Valley Undergraduate Research Symposium. July 27, 2016. Bloomsburg, PA.
5. "From Patient to Partner" Workshop, co-organizer. PCORI-funded "Enhancing Patient- and Family-Centered Care through Learning, Discovery and Engagement: A Symposium." June 14-15, 2016. Danville, PA.
6. GET Labs and GET Conference. Attendee. Boston, MA. April 25-26, 2016.
7. "Participant Engagement." Invited Presentation. Genomics Council Retreat. State College, PA. April 21, 2016.
8. Annual Meeting of the American Association of Physical Anthropologists (AAPA). Attendee. April 13-17, 2016 Atlanta, GA.
9. "Understanding ancestry: race, genes, genealogy." Panelist. Spelman College. April 1, 2016. Atlanta, GA.
10. "Genetics, Bioethics, and Policy." Guest Lecture. Integrated Perspectives Course ("Introduction to Public Policy," 58241), Bucknell University. March 3, 2016. Lewisburg, PA. Invited Lecture by Sharon Larson and Amy Wolaver.
11. "Research Ethics: Then and Now." Invited Presentation. Central Northeast Pennsylvania Chapter of Association of Clinical Research Professionals (CNEPA ACRP). December 2, 2015. Hershey, PA.
12. Annual Meeting of the American Society of Human Genetics. Attendee. October 7-10, 2015. Baltimore, MD.
13. "Progress in Personalized Medicine: Embracing the Disruptive." Podium Presentation and Ethics Panel Participant. Fusion Personalized Medicine Conference. September 30-October 3, 2015. Tucson, AZ.
14. GET Global Conference. Attendee. September 17-19, 2015. Vienna, Austria.
15. ASHG Genetic Ancestry Inference Roundtables II. Planning Committee Member and Roundtable Participant. May 19-20, 2015. Durham, NC.
16. Annual Meeting of the American Association for the Advancement of Science (AAAS). Attendee. February 12-15, 2015. San Jose, CA.
17. Human Rights Applications of Genetic Technologies." Podium Presentation. AAAS Science and Human Rights Coalition Meeting. Plenary Session: Innovations in Science and Technology for Human Rights. July 14, 2014. Washington, DC.
18. "Personal Genetics in Sports Medicine and Public Health." Podium Presentation. 9th Annual Texas Conference on Health Disparities: The Role of Genomics in Eliminating Health Disparities. Fort Worth, TX. May 29-30, 2014. Invited by Dr. Jamboor K. Vishwanatha.
19. "DNA in Human Trafficking." Workshop on Social Implications of Genomic Technologies in the Justice System. May 14, 2014. University of Illinois Urbana-Champaign Institute for Genomic Biology (IGB).
20. "Human Genomes, Human Rights: Research and Applications to Ensure the Dignity and Equality of All Human Beings." Invited Public Lecture. May 13, 2014. University of Illinois Urbana-Champaign Institute for Genomic Biology (IGB). Workshop on Social Implications of Genomic Technologies in the Justice System. May 13-14, 2014. Invited by Dr. Ripan Malhi.
21. GET Labs/GET Conference. "Perceptions of Ancestry." April 29-30, 2014. Cambridge, MA.
22. "Rage Against the FDA Machine" (Alternative title: "Vaping, Slurping, & Swabbing: Vexing Regulatory Issues for the FDA") Duke Science & Society Journal Club. April 2, 2014. Duke University, Durham, NC.

23. "Personal Genomics and Electronic Medical Records." Guest Lecture. April 1, 2014. Applied Genomics and Personalized Medicine for Health Care (Nursing 562). Duke University, Durham, NC. Invited by Sara Katsanis and Jennifer Dungan.
24. "Personal Genomics in Sports." Guest Lecture. March 31, 2014. Past and Future of Human Genomes (Genome/Biology 0159). Duke University, Durham, NC. Invited by Dr. Misha Angrist.
25. "Legal Issues of Biomedical Sciences." Guest Lecture. December 13, 2013. Veterinary and Biomedical Sciences: Mechanisms of Disease (VBSC050S). Penn State Univ., University Park, PA. Invited by Dr. Michael Mwangi.
26. "Ancestry and WGS: other privacy concerns?" Webinar Panelist. December 10, 2013. Genetic Alliance. Invited by President Sharon Terry. Accessible at <http://www.geneticalliance.org/events/webinars/privacyseries>
27. "What's in a Face? Perceiving Sex and Ancestry." Penn CIGHT Meeting. December 4, 2013. University of Pennsylvania, Philadelphia, PA.
28. "Genetic Screening of Athletes." Guest Lecture. November 26, 2013. Bioethics. New School, NY. Invited by Dr. Jessica Mozersky.
29. "Human Diversity and Race." Guest Lecture. November 19, 2013. Graduate seminar in Biological Evolution (ANTH 602). University of Pennsylvania, Philadelphia, PA. Invited by Dr. Theodore Schurr.
30. "Applications and Implications of Personal Genomics in Sports." University of North Texas Health Science Center. November 11, 2013. Fort Worth, TX.
31. "Update on the Priority 3 Refugee Program." DNA Applications in Human Rights and Human Trafficking Workshop. Participant. Sept. 13, 2013. Durham, NC.
32. ASHG Roundtables on Genetic Ancestry Inference. Planning Committee Member and Roundtable Participant. September 10-11, 2013. Washington, DC.
33. "Playing with heart and soul...and genomes: genomic sports medicine." Poster. Why we can't wait: conference to eliminate health disparities in genomic medicine. May 29-31, 2013. San Francisco, CA.
34. "Re-identification is not the problem. The delusion of de-identification is." Law, Ethics, and Science of Re-identification Demonstrations. Bill of Health online symposium. Participant. May 20-25, 2013.
35. Genomes, Environments, Traits (GET) Conference. Attendee. April 25-26, 2013. Boston, MA.
36. Annual Meeting of the American Association of Physical Anthropologists (AAPA). Ethics Symposium (Session 39) Discussant. April 9-13, 2013. Knoxville, TN.
37. "Genetic Screening and Testing in Sports: Facilitating Player Success, Safety, or Discrimination?" Apr. 9, 2013. Taft Research Center Lecture Series. University of Cincinnati. Invited by Dr. Heather Norton.
38. "Genetic Screening of Athletes." Guest Lecture. Apr. 4, 2013. Bioethics (HSOC 102/SOC 101). University of Pennsylvania, Philadelphia, PA. Invited by Dr. Jessica Mozersky.
39. "Genetics and Genealogy: Teaching Evolution and Human Diversity to Middle School Students" NESCent Working Group Meeting, Co-Coordinator. Mar. 26-27, 2013. Durham, NC. Collaboration with Drs. Nina Jablonski, Catherine Bliss, Eric Plutzer, Mark Shriver, and Abby Wolf.
40. DNA Applications in Human Rights & Human Trafficking Workshop. Participant. Mar. 20, 2013. Durham, NC.
41. "Beyond Color: Visualizing Ancestry from False Color 3D Facial Images." Penn CIGHT Meeting. March 6, 2013. University of Pennsylvania, Philadelphia, PA.
42. "Personal Genomics in Sports." Guest Lecture. Jan. 31, 2013. Frontiers: Personalized Medicine (FRO531). University of Pennsylvania, Philadelphia, PA. Invited by Dr. Reed Pyeritz.
43. "Genetics and Genealogy: Teaching Evolution and Human Diversity to Middle School Students" NESCent Working Group Meeting, Co-Coordinator. Jan. 10-12, 2013. Durham, NC. Collaboration with Drs. Nina Jablonski, Catherine Bliss, Eric Plutzer, Mark Shriver, and Abby Wolf.
44. Wagner JK, Claes P, and Shriver MD. "Discriminating Faces: Visual Cues of Ancestry." Poster. Nov. 7, 2012. 62nd Annual Meeting of the American Society of Human Genetics, San Francisco, CA.

45. "Is Genomic Information Scary? – Contextual Considerations of Genomics." Forum Participant. Oct. 24, 2012. Duke University, Durham, NC. Invited by Sara Katsanis and Jennifer Dungan.
46. Eighth Meeting of CEER Investigators. Attendee. Oct. 15-17, 2012. National Human Genome Research Institute, Rockville, MD.
47. "Using Genetics and Genealogy to Teach Evolution and Human Diversity." NESCent Catalysis Meeting, Co-Organizer. June 20-23, 2012. Durham, NC. Collaboration with Drs. Nina Jablonski, Mark Shriver, Henry Louis Gates, Jr., and Abby Wolf.
48. National Cancer Institute's (NCI) Identifiability of Genomic Data and Biospecimens Workshop. June 11-12, 2012. Rockville, MD.
49. "From Henrietta to GINA: Genetic Information and the Current Legal Landscape." Guest Lecture. April 18, 2012. Past and Future of the Human Genome (Genome/Biology 44). Duke University, Durham, NC. Invited by Drs. Misha Angrist and David Goldstein.
50. "Ethics of Practice and Practice of Ethics: An Open Dialogue Among Bioanthropologists." Forum Co-Organizer. April 12, 2012. 81st Annual Meeting of the American Association of Physical Anthropologists. Portland, OR. Collaboration with Dr. Graciela Cabana, Dr. Claudia Valeggia, and Ms. Alexandra Tito.
51. "Homo sapiens ludius (sporting man)." April 3, 2012. Human Origins (APG 201) and Human Variation (APG 350). University of Rhode Island, RI. Invited by Dr. Holly Dunsworth.
52. "Warming Up: Personalized Genomics in Athletic Training." Guest Lecture. February 2, 2012. Frontiers: Personalized Medicine (FRO531). University of Pennsylvania, Philadelphia, PA. Invited by Dr. Reed Pyeritz.
53. "Scientific Evidence in Criminal Investigations and Prosecutions." Guest Lecture. January 24, 2012. Forensic Molecular Anthropology (Anth 413). Penn State University, University Park, PA. Invited by Dr. Mark Shriver.
54. "Anthropological Research Considerations and Implications." Guest Lecture. January 19, 2012. Being Human (Anth 143). University of Pennsylvania, Philadelphia, PA. Invited by Dr. Claudia Valeggia.
55. "Personal Genomics in Education: Perspectives of a DNALawyer." Guest Lecture by Adobe Connect. January 17, 2012. Applied Genomics & Personalized Medicine in Clinical Care (N562). Duke University, Durham, NC. Invited by Jennifer Dungan and Sara Katsanis.
56. "Genomics in Sports: Fair or Foul?" Guest Lecture. November 2011. Anthropology of Sports (Cultural Anthropology) Course. Duke University, Durham, NC. Invited by Dr. Orin Starn.
57. "Multidisciplinary Me: Research Highlights." Penn CIGHT Meeting. October 2011. University of Pennsylvania, Philadelphia, PA.
58. Seventh Meeting of CEER Investigators. Attendee. October 3-5, 2011. National Human Genome Research Institute, Rockville, MD.
59. "Field of Genes: An Investigation of Sports-Related DNA Tests." 2011-2012 Anthropology Colloquia. September 9, 2011. Penn State University, University Park, PA. Invited by Dr. David Puts, Colloquium Committee Chair.
60. "Geeks and Gleeks: Legal Issues Around the Spittoon." Guest Lecture. September 2, 2011. Molecular Anthropology (Anth 461) and Genes in Human Biology and Evolution (Anth 297A). Penn State University, University Park, PA. Invited by Dr. Mark Shriver.
61. Second National Conference on Genetics Ethics and the Law. Attendee. June 1-2, 2011. University of Virginia, Charlottesville, VA.
62. "Ancestry Testing" Workshop. Session Co-Chair. 2011 ELSI Congress. April 12, 2011. Chapel Hill, NC.
63. "Race, Sex, and Genes: Evolving Notions of Competitive Fairness." Guest Lecture. March 29, 2011. Anthropology of Sports (Cultural Anthropology) Course. Duke Univ., Durham, NC. Invited by Dr. Orin Starn.
64. "Direct-to-Consumer DNA Ancestry Testing." Guest Lecture. March 23, 2011. "Your Genome in Perspective: the Ethics of the Genome Revolution" Institute for Genome Sciences & Policy House Course. Duke University, Durham, NC. Invited by student organizers, Selina Chen and Akash Shah.

65. "Employment Discrimination and Genetic Information: Advising Clients on Title II of the Genetic Information Nondiscrimination Act." Podium Presentation. Continuing Legal Education (CLE) Course. January 11, 2011. Centre County Bar Association. Bellefonte, PA.
66. "DTC DNA Ancestry Tests." Guest Lecture. December 6, 2010. Focus Interdisciplinary Discussion Course. Institute for Genome Sciences & Policy. Duke University, Durham, NC. Invited by Dr. Tomalei Vess.
67. "What's past is prologue: the future of personal genomics." Invited Discussion Panel Participant. November 2010. Institute for Genome Sciences & Policy Annual Retreat. Chapel Hill, NC. Invited by Dr. Misha Angrist.
68. "Attitudes on DNA Ancestry Tests." Poster Presentation. November 2010. Annual Meeting of the American Society of Human Genetics, Washington, DC.
69. "From Genomophiles to Genomophobes: Identities in a Personal Genomics Age." Invited Presentation. Department of Cultural Anthropology's Lunch Lecture Series. May 10, 2010. Duke University. Durham, NC.
70. "The Search for a 'Reasonable' Expectation of Genomic Privacy." Poster Presentation. November 2009. Human Genome Organization (HUGO) Genomics, Ethics, Law & Society Symposium. Geneva, Switzerland.
71. Illinois Biology and Politics Summer Institute. National Science Foundation (NSF) Fellow. July 2009. Champaign-Urbana, IL
72. "The Genetic Information Nondiscrimination Act." Podium Presentation. Continuing Legal Education (CLE) Course. July 16, 2009. Centre County Bar Association. Bellefonte, PA.
73. "An Anthropological Critique of 'Scientific Integrity.'" Podium Presentation. May 2, 2009. Conference entitled "Engaging Ethics: Multi-disciplinary Approaches to Multi-dimensional Relationships." Binghamton University.
74. "Redefining Native Americans in a Post-Genomic Era: Legal Implications of Genetic and Genomic Ancestry Tests." Podium Presentation. October 18, 2008. Sequoyah Research Center's Annual Symposium: "The New Faces of an Ancient People; Emerging American Indian Studies Research from Indian Country" University of Arkansas-Little Rock.
75. "The Genetic Information Nondiscrimination Act of 2008: Minimal Protections but Maximum Publicity." Poster Presentation. November 2008. Annual Meeting of the American Society of Human Genetics.

TEACHING EXPERIENCE

2012-2013	The Pennsylvania State University		
Spring 2013,	Instructor	Introduction to Cultural Anthropology	(ANTH 045WD)
Fall 2012		World Campus (online course)	
2010-2011	Duke University		
Spring 2011	Instructor	Culture & Genomics	(CUL ANTH 180.02)
Fall 2010	Lecturer	Race, Genomics & Society	(GENOME 158S/AAAS 159S)
		Instructor Dr. Charmaine Royal	
2007-2010	The Pennsylvania State University		
Spring 2010	Teaching Assistant	Sex and Evolution	(ANTH 216)
		Instructor: Dr. David Puts	
Fall 2009	Teaching Assistant	Introduction to Cultural Anthropology	(ANTH 045)
		Instructor: Dr. Erick Rochette	
Spring 2009	Teaching Assistant	Introduction to Anthropology	(ANTH 001)
		Instructor: Dr. Susan Evans	
Fall 2008	Instructor	Anthropology and the Law	(ANTH 497A)
Spring 2008	Teaching Assistant	North American Indians	(ANTH 146)
		Instructor: Dr. J. Heath Anderson	
Fall 2007	Teaching Assistant	Advanced Human Genetics	(ANTH/BIOL 460)
		Instructor: Dr. Kenneth M. Weiss	

RESEARCH EXPERIENCE

2015-Present Geisinger Health System, Center for Translational Bioethics & Health Care Policy

2014 Albert Einstein College of Medicine, Department of Epidemiology and Population Health

2011-2014 University of Pennsylvania, Perelman School of Medicine, Division of Translational Medicine and Human Genetics, Center for the Integration of Genetic Healthcare Technologies (PennCIGHT); Dr. Reed Pyeritz, advisor

2010-2011 Duke University, Institute for Genome Sciences & Policy (IGSP)
Dr. Charmaine Royal, advisor

2007-2010 The Pennsylvania State University
Graduate Student; Dr. Kenneth Weiss, advisor

2002-2003 The University of Michigan
Spring 2003 Graduate Student; Dr. Jeffrey Long, advisor
Fall 2002 Graduate Student; Dr. Margit Burmeister, advisor

1999-2002 The Pennsylvania State University
Undergraduate Student Researcher, Dr. Mark Shriver, advisor

FIELD WORK/ STUDIES ABROAD

Summer 2006 Irish Centre for Human Rights at National University of Ireland Galway; Republic of Ireland
International Human Rights Law (Minority and Indigenous Peoples Rights)

Spring 2001 ADBOU – Syddansk Universitet; Odense, Denmark
“Skeletal Analysis of Refshale, a Medieval Danish Cemetery”

Summer 1999 Archaeological Field School on Susquehannock site in Lancaster County, PA

LEGAL EXPERIENCE

Oct 2007 – Present	Attorney, Solo Practice	State College, PA
Summers 2005, 2006	Summer Law Clerk	Glenn, Mills, & Fisher, P.A. Durham, NC
2003-2004	Legal Assistant	Mediation, Inc. Chapel Hill, NC
Summer 2003	Legal Assistant	Law Office of Elizabeth Gervais-Gruen Chapel Hill, NC

POLICY EXPERIENCE

2014 - 2015 U.S. Senate Office of Senator Edward J. Markey
Policy portfolio included (1) judiciary (*e.g.*, immigration, human rights, LGBTQ, disabilities, intellectual property, law enforcement, hate crimes, nominations, guns, adoptions, whistleblower protections), (2) health (*e.g.*, mental health, infectious disease, genomic medicine), (3) consumer protection (*e.g.*, governmental investigations and oversight, toxic chemicals), and (4) privacy (*e.g.*, data brokers, open science issues, medical privacy). Responsibilities included drafting legislation, letters, memos, talking points, and press releases; policy analysis and development; making voting recommendations; holding meetings with constituents and advocates; and attending congressional briefings.

EDITORIAL EXPERIENCE

Jul 2012 – Present PeerJ (open access, peer-reviewed scholarly journal), www.peerj.com
Member of the Editorial Board of Academic Editors in the section areas of Anthropology, Legal Issues, Ethical Issues, Science Policy, and Genetics

COMMITTEE EXPERIENCE

External

2016 – Present	ASHG Social Issues Committee, Member 2016-2018
Fall 2015 – Present	American Association of Anthropological Geneticists Ethics Committee, Member
Fall 2012 – Present	American Association of Physical Anthropologists Ethics Committee Member since 2012, Committee Co-Chair since March 2015
2011 – Present	ASHG Ancestry Inference Roundtables Planning Committee, Member

Internal (Geisinger)

Fall 2015 – Present	Patient Engagement/Learning Health Care System Working Group, member
Fall 2015 – Present	Informed Consent Accessibility Working Group, member
Fall 2015 – Present	Genomics Council, member
Spring 2016 – Present	GenomeFirst™ Oversight Committee, member
Spring 2016 – Present	Genomics Return of Results Clinical Oversight Committee, member
Spring 2016 – Present	Social Media in Research Working Group, Chair

MEDIA APPEARANCES AND MENTIONS

1. December 5, 2016, “Making Precision Medicine Work” Genetics in Medicine Podcast (GenePod), <http://www.nature.com/gim/podcast/index.html>
2. September 8, 2016: AAAS Science & Technology Policy Fellowships, “User your training to address societal challenges.” Available at https://www.aaas.org/news/stpf/use-your-training?mkt_tok=eyJpIjoiT0RNMFIUaGtNVGcyT0RsbSIsInQiOiJsQjJYTUJrekpTNEtfeE9Id1lcL2dcL0hhdVowYmhrWmtkejVES3JBbDd2V11ZeWtNZTI3K0ZLTnUubzV4UGNrMnEybvVdFQnBXMVJMZUlaYVpSQ016Y21lSjJlZWZLU0k0ZVdYzkdPQ2R2eGkwPSJ9
3. August 6, 2016: Fast Company. “Do Olympians have better genes than you and me?” by Christina Farr. Available at <http://www.fastcompany.com/3062037/body-os/how-much-of-olympic-performance-is-due-to-great-dna>
4. May 15, 2016: GenomeWeb. “Plaintiffs Argue Against Quest, Athena’s Motion to Dismiss Negligence Case.” By Turna Ray. Available at <https://www.genomeweb.com/molecular-diagnostics/plaintiffs-argue-against-quest-athenas-motion-dismiss-negligence-case>
5. April 6, 2016: GenomeWeb. “Warren Enzi Bill Seeks to Tighten Protections for Genetic Information in Research.” <https://www.genomeweb.com/policy-legislation/warren-enzi-bill-seeks-tighten-protections-genetic-information-research>
6. Feb 16, 2016; GenomeWeb. “Exact v Humana Lawsuit Reflects Genetic Testing Firms’ Deepening Adversarial Relations With Payors.” By Turna Ray. Available at <https://www.genomeweb.com/molecular-diagnostics/exact-v-humana-lawsuit-reflects-genetic-testing-firms-deepening-adversarial>
7. Feb 1, 2016; Wired. “DNA Got a Kid Kicked Out of School—And It’ll Happen Again.” By Sarah Zhang. Available at <http://www.wired.com/2016/02/schools-kicked-boy-based-dna/>
8. Jan 27, 2016; GenomeWeb. “EEOC-Proposed Rule Raises Concerns it Will Weaken Genetic Anti-Discrimination Protections” by Turna Ray. Available at <https://www.genomeweb.com/policy-legislation/eoc-proposed-rule-raises-concerns-it-will-weaken-genetic-anti-discrimination>
9. Jan 27, 2016; AAAS Fellowship Focus. “Asbestos in America.” By Kat Song. Available at http://www.aaas.org/news/stpf/asbestos-america?utm_source=Fellowship+Focus+Jan-Feb+2016&utm_campaign=Fellowship+Focus+Jan-Feb+2016&utm_medium=email
10. Jan 21, 2016; The Daily Item. “Geisinger speaker explains how popular tech can help doctors.” By Joe Sylvester. Available at http://www.dailyitem.com/news/geisinger-speaker-explains-how-popular-tech-can-help-doctors/article_e0c526f4-bfec-11e5-8ff5-73213d3a8fbf.html?mode=print
11. June 4, 2013; Huffington Post Live: “DNA Swabbing: A Genetic Panopticon?” Hosted by Michael Sacks. Available at <http://live.huffingtonpost.com/r/segment/supreme-court-rules-on-dna-testing-for-suspects/51acb9772b8c2a4f8f000802>

VOLUNTEER/PRO BONO PROJECTS

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| Dec 2011 – Present | Genomics Law Report. http://www.genomicslawreport.com/index.php/author/wagjen/
Contributing Editor since May 2013 |
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1. “FDA Issues Guidance for Next Generation Sequencing,” August 4, 2016
 2. “The EEOC’s Final Rule on GINA and Employer-Sponsored Wellness Programs to Take Effect This Month” July 14, 2016
 3. “Litigating the Accountability of Clinical Genomics Laboratories.” May 31, 2016.
 4. “Genetic Information as ‘perceived disability’: Chadam v PAUSD.” February 23, 2016
 5. “The Patent Dispute Over Gene Editing Technologies: The Broad Institute, Inc. vs. The Regents of the University of California.” February 4, 2016

6. "Genetic Discrimination Case Against School District is Appealed to Ninth Circuit." February 2, 2016
7. "EEOC Tries to Harmonize ACA's Promotion of Employer Wellness Programs with GINA's Ban Against Employer Access to Genetic Information of Employees and Employees' Family Members." January 25, 2016
8. "Australia revokes Myriad's three patent claims on isolated BRCA1 DNA." October 19, 2015.
9. "Groundhog Day: FDA and Proposed Oversight of LDTs." January 22, 2015.
10. "Long Awaited Announcement from the FDA on LDTs." August 1, 2014.
11. "FTC Takes Action to Protect Consumers from False Genetic Advertising Claims." July 3, 2014.
12. "Property Rights and the Human Body." June 11, 2014.
13. "Judicial and Legislative Reactions in California to Maryland v. King, 133 S. Ct. 158 (2013)" Mar. 31, 2014.
14. "What does the FDA Approval of the MiSeqDx Platform Mean for DTC" Dec. 31, 2013.
15. "Update: 23andMe Appeases FDA." Dec. 6, 2013.
16. "Troubles Keep Coming for 23andMe." Dec. 5, 2013.
17. "The Sky is Falling on Personal Genomics! Oh, nevermind. It's just another cease & desist letter from the FDA to 23andMe. Dec. 3, 2013.
18. "Revisions to the Ethical Standards for Research," Nov. 1, 2013.
19. "Genomics Research Ethics: Special Rules for HeLa Cells," Aug. 27, 2013.
20. "Ninth Circuit Orders Rehearing of Haskell v. Harris," Aug. 19, 2013.
21. "Approved North Carolina State Budget Includes Funds to Compensate Sterilization Victims," Aug. 1, 2013.
22. "Looking back at Myriad: a User's Guide." June 19, 2013.
23. "DNA Fingerprinting as Routine Arrest Booking Procedure Upheld as Anticipated," June 10, 2013.
24. "EEOC Files and Settles Its First GINA-based Employment Discrimination Lawsuit on May 7, 2013," May 13, 2013
25. "All Eyes on Maryland v. King: Recapping the Supreme Court Oral Argument." Feb. 27, 2013
26. "ENCODE, CODIS, and the Urgent Need to Focus on What is Scientifically and Legally Relevant to the DNA Fingerprinting Debate." Sept 21, 2012, co-authored with Sara Katsanis.
27. "The Burden of Enforcing GINA: EEOC v. Nestle Illustrates One Challenge in Pursuing Genetic Discrimination Claims." June 20, 2012, co-authored with Daniel Vorhaus
28. "Courts in Unsettled Territory Turn to the Map Available: *United States v. Mitchell*." Apr. 2, 2012
29. "On Genetic Rights and States: a Look at South Dakota and Around the U.S.," Mar. 20, 2012, co-authored with Daniel Vorhaus
30. "Minnesota the Latest to Weigh in on DNA Fingerprinting of Arrestees," Feb. 22, 2012
31. "Alabama's 'Genetic Information Privacy Act' & the Ongoing Need for Personal Genomics Leadership," Feb. 16, 2012, co-authored with Daniel Vorhaus
32. "North Carolina One Step Closer to Compensating Victims of its Eugenics Program," Feb. 13, 2012
33. "Pennsylvania Joins Growing List of States to License Genetic Counselors," Feb. 6, 2012
34. "Pennsylvania Seeks Expansion of its Forensic DNA Database," Jan. 9, 2012
35. "A New Law to Raise GINA's Floor in California," Dec. 8, 2011

Spring 2016 Resident & Fellow Scholarship Days, Volunteer Judge of Oral Presentations, May 5, 2016

2016, 2017 AAAS Science & Technology Policy Fellowship Program
Reviewer/Scorer of Applications for the 2016-2017 Congressional Fellowship and
for the 2017-2018 Health, Education, and Human Services Fellowship

Spring 2016 Book review for New Scientist
"Racism, photography and DNA: can we right past wrongs?" March 22, 2016, online at
<https://www.newscientist.com/article/mg22930662-800-hanging-race-out-to-dry/> and in print as "Hanging
Race Out to Dry," March 26, 2016.

Spring 2014 Duke Science & Society Blog, Guest Contributor
1. "Vaping, Slurping, & Spitting: Vexing Regulatory Issues for the FDA." Apr. 7, 2014. Available at
<http://scienceandsociety.duke.edu/vaping-slurping-spitting-vexing-regulatory-issues-for-the-fda/>

Feb 2012 6-7th Grade Essay Judge; Centre County Bar Association Civics Essay Contest

Spring 2009, 2010, 2012 PA Bar Assoc./Young Lawyers Div. Statewide H.S. Mock Trial Competition
2013, 2014, 2016 Volunteer Juror at District Level

Spring 2011, 2014, DNA Day Essay Contest; American Society of Human Genetics

2015, 2016	Volunteer Judge – Round 2 Judge in 2011; Round 1 Judge in 2014, 2015, 2016		
Spring 2008, 2010	Landlord Rights Seminar. State College Borough. “Navigating the Jungle of Landlord-Tenant Law”		
Spring 2010	Guest blogger, The Mermaid’s Tale, http://ecodevoevo.blogspot.com/ “Enforcing Forced Definitions of Race,” Feb. 17, 2010		
Summer 2009	Guest columnist, The Daily Collegian		
Spring 2008	Moot Court Judge; Pennsylvania State University-Dickinson School of Law		
Fall 2004, Fall 2005	Glenn, Mills & Fisher, P.A.	Durham, NC	Pro-Bono Project
Fall 2005	J. Anderson Little, Esq.	Chapel Hill, NC	Pro-Bono Project
Spring 2004	Immigration Outreach Project	Chapel Hill, NC	Pro-Bono Project

PROFESSIONAL SOCIETIES

American Association for the Advancement of Science	member 2009-present
American Society of Human Genetics	member 2008-present
American Association of Physical Anthropologists	member 2008-present
American Association of Anthropological Genetics	member 2007-present
Centre County Bar Association	member 2007-present
Pennsylvania Bar Association	member 2007-present
American Bar Association	member 2004-present
American Constitution Society	member 2004-present

AWARDS AND RECOGNITION

2016-2017	Selected member of the PBA Bar Leadership Institute
2015	Selected as the 2015-2016 AAAS Judicial Branch Fellow (declined)
2014-2015	AAAS Congressional Science and Engineering Fellowship
2010	William S. Pollitzer Student Travel Award, AAPA
2009	Illinois Biology and Politics Summer Institute NSF Fellow
2008-2009	Graduate Student Travel Grants (four), PSU Dept of Anthropology
2007	Certificate of Merit for highest grade in Privacy Law, Spring 2007, University of North Carolina
2004-2007	Merit-based Scholarship and Dean’s List, University of North Carolina School of Law
2002	Student Marshal, Department of Anthropology, Pennsylvania State University
2002	Nominee for <i>Pigment Cell Research</i> Young Investigator of the Year Award
1998-2002	Phi Kappa Phi Internship Support Grant; Ambassador Award from Schreyer Honors College; Student Enrichment Award from PSU College of Liberal Arts; Scholarship from the Susquehanna Chapter of the Penn State Alumni Association; Memorial scholarship from PSU Class of 1922