CURRICULUM VITAE

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PERSONAL DATA

Date of Birth: July 6, 1967
Place of Birth: Hilo, Hawaii
Citizenship: United States

EDUCATION

1986-1989 Occidental College, B.A. (Biochemistry, minor Religious Studies), *Summa cum laude*
1989-1990 University of Oxford, Postgraduate Diploma (Human Biology), with Distinction
1990-1995 University of Oxford, D.Phil. (Human Population Genetics), Dissertation: "Allelic sequence diversity at the human ß-globin locus", Examiners Jeffreys & Southern

POSTGRADUATE TRAINING

1998-2000 Research Associate, Departments of Anthropology and Biology, Pennsylvania State University, University Park, PA
2000-2001 Research Associate, Department of Human Genetics, University of Chicago, Chicago, IL
2001-2002 Research Associate, Anthropology and Biology, Pennsylvania State University, University Park, PA
2002-2005 NIH Ethical, Legal, and Social Implications Program Postdoctoral Fellow, Department of Anthropology & Rock Ethics Institute, Pennsylvania State University, University Park, PA

FACULTY POSITIONS HELD

1995-1998 University Lecturer (equivalent of US Assistant Professor), Department of Anthropology, University of Durham, Durham, United Kingdom
2005-2011 Assistant Professor, Department of Bioethics & Humanities (formerly Medical History and Ethics), University of Washington School of Medicine, Seattle, WA
2008-2011 Adjunct Assistant Professor, Department of Genome Sciences, University of Washington School of Medicine, Seattle, WA
2009-2011 Adjunct Assistant Professor, Department of Epidemiology, University of Washington School of Public Health, Seattle, WA
2010-present Affiliate Investigator, Division of Public Health Sciences, Fred Hutchinson Cancer Research Center, Seattle, WA
2011-present Associate Professor, Department of Bioethics & Humanities, University of Washington School of Medicine, Seattle, WA
2011-present Adjunct Associate Professor, Department of Genome Sciences, University of Washington School of Medicine, Seattle, WA
2011-present Adjunct Associate Professor, Department of Epidemiology, University of Washington School of Public Health, Seattle, WA

HOSPITALS POSITIONS HELD
None

HONORS

1988	Phi Beta Kappa
1989	Lucille Y. Gilman Memorial Award to Outstanding Senior, Occidental College
1989	Selle Award to Outstanding Biology Graduate, Occidental College
1989	Rhodes Scholarship, The Rhodes Trust
1992	Overseas Research Students' Award, Committee of Vice-Chancellors & Principals of the Universities of the United Kingdom
1996	Special Award for Younger Staff, University of Durham
1998	Invited Visiting Fellow, Biomolecular Function and Evolution in the Context of the Genome Project, Isaac Newton Institute for Mathematical Sciences, Cambridge, UK
2003	Invited Participant, National Endowment for the Humanities 'Science and Values' Summer Institute, Department of History and Philosophy of Science, University of Pittsburgh, Pittsburgh, PA
2005	Invited Participant, National Academies Keck Futures Initiative on 'The Genomic Revolution: Implications for Treatment and Control of Infectious Disease', Irvine, CA

BOARD CERTIFICATION
None

CURRENT LICENSE(S) TO PRACTICE
None

PROFESSIONAL ORGANIZATIONS

1993-2006	Member, Genetical Society, UK (Durham University Representative)
1994-2000	Member, American Association of Physical Anthropologists
1999-present	Member, American Society of Human Genetics (Chair, Social Issues Committee; Member, Ancestry Testing Task Force)
2002-2009	Member, Society for Social Studies of Science
2003-present	Member, American Society for Bioethics and Humanities

TEACHING RESPONSIBILITIES

Courses

2006-2007	MHE 597/PHG 590, Human Genomics: Science, Ethics, and Society (4 credits, Spring)
2008	MHE/PHG 551, Human Genomics: Science, Ethics, and Society (4 credits, Spring)
2008-2009	B H/PHG 551, Human Genomics: Science, Ethics, and Society (4 credits, Fall)
2007-2010	PHG 580, Interactive Seminar (1 credit, Year-Long), Shared 50% with Austin
2009	HUM 596, Normative Claims for a Democratic Science (2 credits, Spring), with Wylie
2008-2010	PHG 591, PHG Journal Club (1 credit, Year-Long)
2010-present	B H/PHG 551/GS 573, Human Genomics: Science, Ethics, and Society (3 credits, Fall)

Guest Teaching (Annual)

2006-2009	B H (MHE) 514/PHG 512/LAW H 504 Legal, Ethical, and Social Issues in Public Health Genetics (Mastrioanni): Genetics, Race, and Health Disparities
2006-present	B H (MHE) 523 Biomedical Ethics and the Life Sciences (McCormick): Ethical Issues in Human Genetics

2006-present	UW-Hyogo Medical School Visit (McCormick): Ethical Issues in Human Genetics
2007-2008	GENOME 351 Human Genetics: The Individual and Society (Waterston): Ethical Issues in Human Genetics
2007-present	PHG 521/NURS 582/ANTH 574 Socio-Cultural Perspectives of Public Health Genetics (McGrath): Social Implications of Genetic Ancestry Testing
2007-present	Amgen Scholars Summer Program, UW Undergraduate Research Program (DeCosmo): Science in Society – What's Integrity Got to Do with Science?
2007-2010	UW Genome Sciences Education Outreach StarNet (Munn): Ethical Implications of Complex Trait Genetics
2008-present	HA&S 397 Making the Most of Your UW Experience, UW Arts and Sciences Honors College Freshman Seminar (Pitre-Collins): My Pivot Points and Ways Opening/Closing (Reflections on Professional Journey)
2009-present	PHG 511/ EPI 517 Genetic Epidemiology (Austin): Ethical Issues in Genetic Epidemiology, joint with Kelly Edwards
2010	B H 515/PHG 525 Public Commentary on Ethical Issues in Human Genetics (Edwards): Discussion of Rebecca Skloot's "The Immortal Life of Henrietta Lacks"
2012	HSERV 592K MPH Departmental Seminar (Spigner): The Public's Health and Penn State: Individual and Institutional (Ir)responsibility
2012	SOC WL 591 Embodiment of Risk, Health Disparities, and Stress Mechanisms (Nurius): Explanation or Intervention? – Ethical Perspectives on Health Disparities Research

Dissertation Committees

2005-2009	Vivian Hawkins (Molecular and Cellular Biology), Member, Reader
2005-2010	Joon-Ho Yu (Public Health Genetics), Chair
2006-2007	Laura Certain (Genome Sciences), Member
2006-2008	Sara Selgrade (Microbiology), Graduate School Representative (GSR)
2007-2009	Sierra Hansen (Public Health Genetics), Member
2007-2009	Jonathan Golob (Pathology), GSR
2010-present	Paul Fearn (Medical Education & Biomedical Informatics), GSR
2010-present	Jonathan Kocarnik (Public Health Genetics), Member
2011-present	Mercy Laurino (Public Health Genetics), Chair

Thesis Committees (all Public Health Genetics)

2006-2008	Kimberly Friese, Member
2007-2008	Brittany Guy, Member
2007-2008	Julie Bares, Chair
2008-2009	Rachel Malen, Chair
2009-2010	Tristan Victoroff, Member
2010-2011	Sarah Knerr, Chair
2011-2012	Emmi Bane, Chair
2011-2012	Lorelei Walker, Member

Trainees (Last 5 Years) [* see Publications for citation]

PhD (Public Health Genetics)

2005-2010	Joon-Ho Yu [*17, 19, 21]
2006-2009	Sierra Hansen (jointly with Evan Eichler, Genome Sciences) [*22]
2011-present	Mercy Laurino

MPH (Public Health Genetics)

2007-2009 Rachel Malen
2008-2009 Brittany Guy
2008-2009 Julie Bares [*24, 35]
2009-2011 Sarah Knerr [*36]
2010-2011 Marilyn Hair [*37]
2010-present Lorelei Walker [*32]
2011-present Emmi Bane

Prior Teaching Experience

1991-1993 Undergraduate Instruction, B.A. in Human Sciences, B.Sc. in Biology, Institute of Biological Anthropology, University of Oxford, UK
1995-1998 Undergraduate Instruction, B.A. in Human Sciences, B.Sc. in Health and Human Sciences, University College Stockton, University of Durham, UK
1997-1998 Postgraduate Instruction, M.Sc. in Biological Anthropology, Department of Anthropology, University of Durham, UK
2002 ANTH 021, Introduction to Biological Anthropology, Penn State University (Summer)
2003-2004 PHIL/WST 497A and ENG 597B, Feminist Studies of Scientific Theory and Practice, Penn State University (Fall)

EDITORIAL RESPONSIBILITIES

None

SPECIAL NATIONAL RESPONSIBILITIES

1996 External Adviser, Academic Standards Validation Panel for B.Sc. in Human Sciences, Roehampton Institute, London
2004 Member, Rhodes Scholarship Selection Committee, State of Pennsylvania
2007 External Reviewer, Competition III Interim Review, Genome Canada, Vancouver, BC
2009-present Member, Ethical, Legal, and Social Implications Workgroup, NHLBI/NHGRI Exome Sequencing Project
2010-present Member, Bioethics Advisory Panel, Kaiser Permanente Research Program on Genes, Environment, and Health (RPGEH)
2010 Member, External Advisory Committee, U-34 Clinical Translational Genetics Education Project, NIH National Institute of Diabetes and Digestive and Kidney Diseases
2010-present Member, District 14 Committee of Selection, Rhodes Scholarship, The Rhodes Trust

SPECIAL LOCAL RESPONSIBILITIES

1996-1998 Coordinator, Departmental Seminar Series, Department of Anthropology, University of Durham
1997-1998 University College Stockton Representative, Information Technology Users Committee, University of Durham
1998-2005 Member, Rhodes, Marshall, and Mitchell Scholarship Internal Selection Committee, Pennsylvania State University
2005-present Member, Academic Planning Committee, Institute for Public Health Genetics
2006-2010 Member, Rhodes, Marshall, and Mitchell Scholarship Internal Selection Committee, University of Washington
2008-present Director, Biomedical Research Integrity Series, University of Washington School of Medicine

2008-present Member, Bodemer Selection Committee, Department of Bioethics & Humanities, UW School of Medicine
2009-present Member, Phenotyped Biospecimen Resource Working Group, UW School of Medicine
2009-present Member, Dean's Standing Committee on Women in Medicine, UW School of Medicine
2010-present Member, Consortium Biospecimen Repository, Ethics Strategic Planning Committee, Fred Hutchinson Cancer Research Center
2011-present Member, SCOAP CERTN Advisory Board Oversight Group, University of Washington
2011-present Member, Embryonic Stem Cell Oversight (ESCRO) Committee, University of Washington
2011-present Member, Sage Bionetworks Ethics Advisory Team (SBEAT), Fred Hutchinson Cancer Research Center
2011-present Member, Consortium Biospecimen Resource (CBR) Oversight Committee, Fred Hutchinson Cancer Research Center

RESEARCH FUNDING

Active

UL1 RR 025014-01 (Disis) 9/17/2007-5/31/2012 0.6 CAL
NIH/NCRR $6,513,229 (Yr 1 Direct)
Institute of Translational Health Sciences
This grant is linked to two training grants; together, the three grants fund the Institute of Translational Health Sciences, a partnership between the University of Washington, the Fred Hutchinson Cancer Research Center, Children's Hospital and Regional Medical Center, and local and regional research and community partners. As a "collaboratory," the Institute fosters collaboration, career development, education, innovative technologies and resources, and the translational health research process itself. Role: Member of Regulatory Support & Bioethics Core, and Co-Investigator

1RC4 MD005964-01 (Gibbons) 1/01/2011 – 10/31/2013 0.6 CAL
NIH $1,156,399 (Annual Direct)
Minority Health-GRID Network: A Genomics Resource for Health Disparity Research
The proposed project will create a novel national resource --the Minority Health Genomics and Translational Research Bio-Repository Database Network (Minority Health-GRID Network) that is capable of capturing the multi-dimensional factors that mediate the differences in health outcomes observed in minority communities. Role: Co-Investigator

P50 HG 3374-06 (Burke) 5/14/2010 – 3/31/2015 1.2 CAL
NIH/NHGRI $881,172 (Yr 7 Direct)
Center for Genomics and Healthcare Equality
This proposal outlines a competitive, 5 year renewal plan for this Center of Excellence in Ethical, Legal, and Social Implications (ELSI) Research. The Center explores issues around the clinical integration of genomics with a focus on medically underserved populations. Role: Director of Genome Sciences Core, and Co-Investigator

P50 CA148143 (Thompson) 4/01/2010 – 3/31/2015 1.8 CAL
NIH/NCI $1,245,805 (Annual Direct)
Understanding and Preventing Breast Cancer Disparities in Latinas
This P50 application involve researchers from several disciplines in research devoted to understanding and preventing precursors of breast cancer and reducing breast cancer morbidity and mortality among Latinas. Role: Director of Ethics and Policy Core, and Co-Investigator

U01 HG006375 (Larson/Jarvik) 8/01/2011 - 7/31/2015 1.8 CAL
NIH/NHGRI $500,000 (Annual Direct)
Development and Use of Network Genetic discovery and application in a clinical setting: Continuing a partnership
This project will continue the efforts of the Group Health/University of Washington eMERGE collaboration to expand the library of phenotyped derived from the electronic medical record; advance the integration of genome-scale data into clinical practice; and broaden the impact of eMERGE through new collaborations. Role: Co-Investigator

R25 RR032147-02 (Fullerton/Munn/Nickerson) 4/1/2011-3/31/2016 1.2 CAL
NIH/NCRR $247,377 (Annual Direct)
Genes, the Environment, and Me (GEM)
The proposed project will we will develop a series of modular lessons focused on a fundamental concept of biology—the interaction of genes and the environment to in the determination of traits in all living organisms. The lessons will be used to supplement health and science programs that serve underrepresented K-12 students throughout Washington and other parts of the United States.
Role: Multi-PI

R01 DA024411-03 (Hill) 11/16/2011 – 06/30/2016 1.2 CAL
NIH $852,289 (Annual Direct)
Social and Genetic Factors in the Development of Tobacco and Alcohol Dependence
The proposed R01 constitutes a collaboration between three ongoing longitudinal studies: the Seattle Social Development Project (SSDP, Karl G. Hill, PI), the Raising Healthy Children Project (RHC, Richard F. Catalano, PI) and projects from the Minnesota Center for Twin and Family Research (MCTFR, Matthew McGue, and William Iacono, PIs). Collaborators will conduct genetic association analyses and examine of gene-environment interplay in the development of addiction. Role: Co-Investigator

Jarvik (PI) 12/5/2011 – 11/30/2015 2.4 CAL
NIH/NHGRI $1,516,481 (Annual Direct)
Clinical sequencing in cancer: Clinical, ethical, and technological studies
This program will investigate aspects of using exomic data clinically, considering clinical, technical, informatics, and bioethical components. We propose a randomized controlled trial of exome testing vs. usual care in medical genetics clinic patients indicated for colorectal cancer/polyposis (CRC) genetic testing. We will return CRC gene test results and also incidental findings that are medically actionable. An important component of our work is determination of which results to return and how best to incorporate these into the medical record. Role: Co-Investigator.

Slattery (PI) 1/1/2011 – 5/31/2014 0.6 CAL
Washington State LSDF $2,382,098 (Yr 1 Direct)
Washington Phenotyped Biospecimen Resource
This project will create a system providing researchers access to leftover portions of diagnostic and surgical waste specimens from patients at UW Medicine who have authorized such use, in a manner that protects patient privacy, upholds the highest bioethical standards, assures consistency of production and provides meaningful information on the nature of the samples (without compromising patient identity). Role: Co-Investigator, with responsibility for community outreach activities

Pending
Disis (PI) 06/01/2012-05/31/2017 1.2 CAL

NIH/NCRR $7,730,233 (Annual Direct)
Institute of Translational Health Sciences
This is the competing continuation application for the regional CTSA (UL1 RR 025014), a partnership between the University of Washington, the Fred Hutchinson Cancer Research Center, Children's Hospital and Regional Medical Center, and local and regional research and community partners. As a "collaboratory," the Institute fosters collaboration, career development, education, innovative technologies and resources, and the translational health research process itself. Role: Co-Investigator.

Recently Completed

1 U01 HG004610 (Larson) 9/30/2007 – 9/29/2011
NIH/NHGRI
Development and Use of Network Infrastructure for High-Throughput GWA Studies
This Cooperative Agreement between the University of Washington, Fred Hutchinson Cancer Research Center, and Group Health Cooperative will explore the development of key analytic methods and stakeholder consensus procedures for performing genome-wide studies in participants with phenotypes and environmental exposures derived from electronic medical records. Role: Co-Investigator

1 RC1 HG005787 (Beskow) 9/30/2009 – 9/29/2011
Ethical Approaches to Genotype-Driven Research Recruitment
The purpose of this Challenge grant is to inform the development of IRB guidelines by exploring research participants' attitudes and preferences about re-contact issues in genomic research. The data and guidelines resulting from this project will be disseminated widely via the CTSA Consortium. Role: Co-Investigator

U01 HL66682 (Nickerson) 3/20/2006-7/31/2010
UW-FHCRC Variation Discovery Resource
The major goal of this project is a large-scale SNP discovery effort on genes involved in inflammation. Role: Co-Investigator

NSF Diss Improvement Fullerton (PI) 07/01/2008 – 04/31/2009
Doctoral Dissertation Research: What are our AIMs: Public Health Genetics and the Practice of Ancestry Informative Markers
To support field research necessary for the completion of Joon-Ho Yu's doctoral dissertation in Public Health Genetics. Role: Dissertation Advisor

P50 HG3374 Burke (PI) 09/01/2005 – 03/31/2010
Genomic Health Care and the Medically Underserved
This Center of Excellence in Ethical, Legal, and Social Implications (ELSI) Research which will explore the clinical integration of genomics with a focus on medically underserved populations Role: Co-Investigator

U54 AI057141 Miller (PI) 10/01/2006 – 02/28/2009
Mind the Gap: Understanding Scientists' Perspectives on Research with Dual-Use Implications
The WWAMI RCE will develop a strong program of basic research, education, and training in biodefense and emerging infectious diseases with a focus on Gram-negative pathogens. Mind the Gap is a developmental project supported by the WWAMI Regional Center of Excellence for Biodefense and Emerging Infectious Diseases that will design an educational intervention for junior investigators around dual-use research. Role: Project Director, Developmental Project

BIBLIOGRAPHY

Manuscripts in Refereed Journals

1. **Fullerton, SM**, & Clegg, JB. (1994) Hpa I, Hind III, and Bam HI polymorphisms 3' of the human ß-globin gene can be detected by a single polymerase chain reaction amplification product. *American Journal of Hematology*, 47(3): 256.
2. **Fullerton, SM**, Harding, RM, Boyce, AJ, & Clegg, JB. (1994) Molecular and population genetic analysis of allelic sequence diversity at the human ß-globin locus. *Proceedings of the National Academy of Sciences USA*, 91: 1805-1809.
3. Harding, RM, **Fullerton, SM**, Griffiths, RC, Bond, J, Cox, MJ, Schneider, JA, Moulin, D, & Clegg, JB. (1997) Archaic African and Asian lineages in the genetic ancestry of modern humans. *American Journal of Human Genetics*, 60(4): 772-789.
4. Harding, RM, **Fullerton, SM**, Griffiths, RC, & Clegg, JB. (1997) A gene tree for ß-globin sequences from Melanesia. *Journal of Molecular Evolution*, 44(S1): 133-138.
5. **Fullerton, SM**, Bond, J, Schneider, JA, Hamilton, B, Harding, RM, Boyce, AJ, & Clegg, JB. (2000) Polymorphism and divergence at the ß-globin replication origin initiation region. *Molecular Biology and Evolution*, 17(1): 179-188.
6. **Fullerton, SM**, Clark, AG, Weiss, KM, Nickerson, DA, Taylor, SL, Stengård, JH, Salomaa, V, Vartiainen, E, Perola, M, Boerwinkle, E, & Sing, CF. (2000) Apolipoprotein E variation at the sequence haplotype level: implications for the origin and maintenance of a major human polymorphism. *American Journal of Human Genetics*, 67(4): 881-900.
7. Nickerson, DA, Taylor, SL, **Fullerton, SM**, Weiss, KM, Clark, AG, Stengård, J, Boerwinkle, E, & Sing, CF. (2000) Sequence diversity and large-scale typing of SNPs in the human apolipoprotein E gene. *Genome Research*, 10(10): 1532-1545.
8. Weiss, KM & **Fullerton, SM**. (2000) Phenogenetic drift and the evolution of genotype-phenotype relationships. *Theoretical Population Biology*, 57(3): 187-195.
9. **Fullerton, SM**, Carvalho, AB, & Clark, AG. (2001) Local rates of recombination are positively correlated with GC Content in the human genome. *Molecular Biology and Evolution*, 18(6): 1139-1142.
10. **Fullerton, SM**, Bartoszewicz, A, Ybazeta, G, Horikawa, Y, Bell, GI, Kidd, KK, Cox, NJ, Hudson, RR, & Di Rienzo, A. (2002) Geographic and haplotype structure of candidate type 2 diabetes susceptibility variants at the calpain-10 locus. *American Journal of Human Genetics*, 70(5): 1096-1106.
11. **Fullerton, SM**, Clark, AG, Weiss, KM, Taylor, SL, Stengård, JH, Salomaa, V, Boerwinkle, E, & Nickerson, DA. (2002) Sequence polymorphism at the human apolipoprotein AII Gene (*APOA2*): unexpected deficit of variation in an African-American sample. *Human Genetics*, 111(1): 75-87 [correction Human Genetics, 111(6): 577-8].
12. **Fullerton, SM**, Buchanan, AV, Sonpar, VA, Taylor, SL, Smith, JD, Carlson, CS, Salomaa, V, Stengård, JH, Boerwinkle, E, Clark, AG, Nickerson, DA & Weiss, KM. (2004) The effects of scale: variation in the *APOA1/C3/A4/A5* gene cluster. *Human Genetics*, 115(1): 36-56.
13. Vander Molen, J, Frisse, LM, **Fullerton, SM**, Qian, Y, del Bosque-Plata, L, Hudson, RR, & Di Rienzo, A. (2005) Population genetics of CAPN10 and GPR35: implications for the evolution of type 2 diabetes variants. *American Journal of Human Genetics*, 76(4): 548-560.
14. Weiss, KM & **Fullerton, SM**. (2005) Racing around, getting nowhere. *Evolutionary Anthropology*, 14(5): 165-169.
15. Buchanan, AV, Weiss, KM, & **Fullerton, SM**. (2006) Dissecting complex disease: the quest for the philosopher's stone? *International Journal of Epidemiology*, 35(3): 562-571; Response to Peer Commentaries, 593-596.

16. Paradies, YC, Montoya, MJ, & **Fullerton, SM**. (2007) Racialized genetics and the study of complex diseases: the thrifty genotype revisited. *Perspectives in Biology and Medicine*, 50(2): 203-227.
17. James, RD, Yu, JH, Henrikson, NB, Bowen, DJ, & **Fullerton SM**. (2008) Strategies and stakeholders: minority recruitment in cancer genetics research. *Community Genetics*, 11(4): 241-249.
18. Caulfield, T, **Fullerton, SM**, Ali-Khan, SE, Arbour, L, Burchard, EG, Cooper, R, Hardy, BJ, Harry, S, Hyde-Lay, R, Kahn, J, Kittles, R, Koenig, B, Lee, SSJ, Malinowski, M, Ravitsky, V, Sankar, P, Scherer, SW, Séguin, B, Shickle, D, Suarez-Kurtz, G, & Daar, AS. (2009) Race and ancestry in biomedical research: exploring the challenges. *Genome Medicine*, 1(1): 39-46.
19. Yu, JH, Goering, S, & **Fullerton, SM**. (2009) Race-based medicine and justice as recognition: exploring the phenomenon of BiDil. *Cambridge Quarterly of Healthcare Ethics*, 18(1): 57-67.
20. **Fullerton, SM**, Anderson, NR, Guzauskas, G, Freeman, D, & Fryer-Edwards K (2010). Meeting the governance challenges of next generation biorepository research. *Science Translational Medicine*, 2 (15): 15cm3.
21. **Fullerton, SM**, Yu, JH, Crouch, J, Fryer-Edwards, K, & Burke, W (2010). Population description and its role in the interpretation of genetic association. *Human Genetics*, 127(5): 563-572.
22. Hansen, S, Eichler, EE, **Fullerton, SM**, & Carrell, DT (2010). SPANX gene variation in fertile and infertile males. *Systems Biology in Reproductive Medicine*, 56(1): 18-26.
23. Royal, CD, Novembre J, **Fullerton SM**, Goldstein DB, Long JC, Bamshad MJ, & Clark AG (2010). Inferring genetic ancestry: opportunities, challenges, and implications. *American Journal of Human Genetics*, 86(5): 661-673.
24. Trinidad, SB, **Fullerton, SM**, Bares, JM, Jarvik, GP, Larson, E, Burke, W (2010). Genomic research and wide data sharing: views of prospective participants. *Genetics in Medicine*, 12(8): 486-495.
25. Ludman, EJ, **Fullerton, SM**, Spangler, L, Trinidad SB, Fujii MM, Jarvik, GP, Larson, EB, & Burke, W (2010). Glad you asked: participants' opinions of re-consent for dbGaP data submission. *Journal of Empirical Research on Human Research Ethics*, 5(3): 9-16.
26. Clayton, EW, Smith, M, **Fullerton, SM**, Burke, W, McCarty, CA, Koenig, B, McGuire, AL, Beskow, LM, Dressler, L, Lemke, A, Ramos, EM, & Rodriguez, LL (2010). Confronting real time Ethical, Legal, and Social Issues in the eMERGE (Electronic Medical Records and Genomics) consortium. *Genetics in Medicine*, 12(10): 616-620.
27. Fabsitz, RR, McGuire, A, Sharp, RR, Puggal, M, Beskow, LM, Biesecker, LG, Bookman, E, Burke, W, Burchard, EG, Church, G, Clayton, EW, Eckfeldt, JH, Fernandez, CV, Fisher, R, **Fullerton, SM**, Gabriel, S, Gachupin, F, James, C, Jarvik, GP, Kittles, R, Leib, JR, O'Donnell, C, O'Rourke, PP, Rodriguez LL, Schully, SD, Shuldiner, AR, Sze, RFK, Thakuria, JV, Wolf, SM, & Burke, GL (2010). Ethical and practical guidelines for reporting genetic research results to study participants: updated guidelines from a National Heart, Lung, and Blood Institute working group. *Circulation: Cardiovascular Genetics*, 3(6): 574-580.
28. Trinidad, SB, **Fullerton, SM**, Ludman, EJ, Jarvik, GP, Larson, EB, & Burke W (2011). Research ethics. Research policy and participant preferences: the growing gulf. *Science*, 331(6015): 287-288; and follow-on correspondence, 332 (6027): 306.
29. McCarty CA, Starren J, Peissig P, Berg R, Rasmussen L, Linneman J, Miller A, Choudary V, Chen L, Waudby C, Kitchner T, Reeser J, Fost N, Ritchie M, Wilke RA, Chisholm RL, Avila PC, Greenland P, Hayes MG, Kho A, Kibbe WA, Lemke AA, Lowe WL, Smith ME, Wolf WA, Pacheco JA, Thompson WK, Humowiecki J, Law M, Chute C, Kullo I, Koenig B, de Andrade M, Bielinski S, Pathak J, Savova G, Wu J, Henriksen J, Ding K, Hart L, Palbicki J, Larson EB, Newton K, Ludman E, Spangler L, Hart G, Carrell D, Jarvik G, Crane P, Burke W, **Fullerton SM**, Trinidad SB, Carlson C, McDavid A, Roden DM, Clayton E, Haines JL, Masys DR, Churchill LR, Cornfield D, Crawford D, Darbar D, Denny JC, Malin BA, Ritchie MD, Schildcrout JS, Xu H, Ramirez AH, Basford M, Pulley J (2011). The eMERGE Network: a

consortium of biorepositories linked to electronic medical records data for conducting genomic studies. *BMC Med Genomics*, 4: 13.

30. McGuire, AL, Basford, M, Dressler, LG, **Fullerton, SM**, Koenig, BA, Li, R, McCarty, CA, Ramos, E, Smith, ME, Somkin, CP, Waudby, C, Wolf, WA, & Clayton, EW (2011). Ethical and practical challenges of sharing data from Genome-Wide Association Studies: the eMERGE consortium experience. *Genome Research*, 21(7): 1001-7.
31. **Fullerton, SM** & Lee, SSJ (2011). Secondary uses and the governance of de-identified data: lessons from the Human Genome Diversity Panel. *BMC Medical Ethics*, 12:16.
32. Walker, L, Starks, H, West, KM, & **Fullerton, SM** (2011). Evaluation of dbGaP data access requests: a call for greater transparency. *Science Translational Medicine*, 3(113): 113cm34.
33. Tabor, HK, Brazg, T, Crouch J, Namey, EE, **Fullerton, SM**, Beskow, LM, & Wilfond, BS (2011). Parental perspectives on pediatric genetic research and the implications for genotype-driven research recruitment. *Journal of Empirical Research on Human Research Ethics*, 6(4): 41-52.
34. Beskow, LM, Burke, W, **Fullerton, SM**, & Sharp, RR (2012). Offering aggregate results to participants in genomic research: opportunities and challenges. *Genetics in Medicine* (special Symposium issue). Epub Jan 19: doi: 10.1038/gim.2011.62.
35. Rohlfs, RV, **Fullerton, SM**, & Weir, BS (2012). Familial identification: population structure and relationship distinguishability. *PLoS Genetics*, 8(2): e1002469.
36. **Fullerton, SM**, Wolf, WA, Brothers, KB, Clayton, EW, Crawford, DC, Denny, JC, Greenland, P, Koenig, BA, Leppig, KA, Lindor, NM, McCarty, CA, McGuire, AL, McPeek Hinz ER, Mirel, DB, Ramos, EM, Ritchie, MD, Smith, ME, Waudby, CJ, Burke, W, & Jarvik, GP (2012). Return of individual research results from Genome-wide Association Studies: experience of the Electronic Medical Records & Genomics (eMERGE) network. *Genetics in Medicine* (special Symposium issue). Epub Feb 23: doi:10.1038/gim.2012.15.
37. **Fullerton, SM**, Knerr, S, & Burke W (2012). Finding a place for genomics in health disparities research. *Public Health Genomics*, 15: 156-163.
38. Trinidad SB, **Fullerton, SM**, Bares, JM, Jarvik, GP, Larson, EB, & Burke W (in press). Informed consent in genome-scale research: what do prospective participants think? *American Journal of Bioethics Primary Research*.
39. Austin, MA, Hair, M, & **Fullerton, SM** (in press). Research guidelines in the era of large scale collaborations: an analysis of genome-wide association study consortia. *American Journal of Epidemiology*.
40. Kaye, J, Curren, L, Anderson, N, Edwards, K, **Fullerton, SM**, Kanellopoulou, N, Lund, D, MacArthur, DG, Mascalzoni, D, Shepherd, J, Taylor, P, Terry, S, & Winter, S (in press). From patients to partners: participant-centric initiatives in biomedical research. *Nature Reviews Genetics*.

Book Chapters

1. **Fullerton, SM**. (1996) Allelic sequence diversity at the human ß-globin locus. In *Molecular Biology and Human Diversity*, eds. AJ Boyce and CGN Mascie-Taylor, Cambridge University Press: Cambridge, pp. 225-241.
2. Harding, RM, **Fullerton, SM**, Clegg, JB & Griffiths, RC. (1998) Gene trees for ß-globin: inferences on the origins of modern humans. In *The Origins and Past of Modern Humans – Towards Reconciliation* (Recent Advances in Human Biology, Vol. 3), eds. K Omoto and P Tobias, World Scientific: Singapore.
3. **Fullerton, SM**. (2007) On the absence of biology in philosophical considerations of race. In *Race and Epistemologies of Ignorance*, eds. S Sullivan and N Tuana, SUNY Series on Philosophy and Race, eds. R. Bernasconi and T. D. Sharpley-Whiting, SUNY Press: Albany, NY, pp. 241-258.
4. Shields, AE, **Fullerton, SM**, & Olden, K. (2009) Genes, environment, and cancer disparities. In *Toward the Elimination of Cancer Disparities*, ed. H. K. Koh, Springer: New York, NY, pp. 49-82.

5. **Fullerton, SM** (2011). The input-output problem: whose DNA do we study, and why does it matter? In *Achieving Justice in Genomic Translation: Rethinking the Pathway to Benefit*, eds. W Burke, KA Edwards, S Goering, S Holland & SB Trinidad, Oxford University Press: New York, NY, pp. 40-55.

Published Books, Videos, Software, etc.

None

Invited Commentaries

1. **Fullerton, SM**. (2005) Invited comment on M. Lock's 'The Eclipse of the Gene and the Return of Divination'. *Current Anthropology*, 46(Supplement): S62-S63.
2. Buchanan, AV, Weiss, KM, & **Fullerton, SM**. (2006) Genomics, epidemiology, and common complex diseases: let's not throw out the baby with the bathwater! Authors' response. *International Journal of Epidemiology*, 35(5): 1364-5.
3. Fryer-Edwards, K, & **Fullerton, SM**. (2006) Relationships with test-tubes: where's the reciprocity? (Peer Commentary on Ravitsky V & Wilfond BS, Disclosing individual genetic results to research participants.) *American Journal of Bioethics*, 6(6): 36-38.
4. Kelley, M, Fryer-Edwards, K, **Fullerton, SM**, Gallagher, TH, & Wilfond, B. (2008) Sharing data and experience: using the CTSA "moral community" to improve research ethics consultation. (Peer Commentary on Cho M, et al., Strangers at the benchside: research ethics consultation.) *American Journal of Bioethics*, 8(3): 37-9.
5. Reardon, J, & **Fullerton, SM** (2009) Does a genomics that does not work for some mean a genomics that will not work for all? *What ELSI is New? Genomics Law Review eBook*, Fall 2009, http://www.genomicslawreport.com/index.php/2009/12/14/what-elsi-was-new-plenty, p. 5-7.
6. Bernal, A, & **Fullerton, SM** (2010) Broken promises. *Voices of Tomorrow*, October 2010, http://www.voicesoftomorrow.org/us/unethical-healthcare-abuse/.

Other Publications

1. **Fullerton, SM**. (1996) Phylogeny and molecular biology: reconstructing the tree of life. *Trends in Genetics*, 12(12): 533.
2. **Fullerton, SM**. (1996) Review of Human Molecular Genetics by T. Strachan and A. P. Read. *Annals of Human Biology*, 23(6): 503-504.
3. **Fullerton, SM**. (1997) Review of The History and Geography of Human Genes by L. L. Cavalli-Sforza, P. Menozzi, & A. Piazza. *Annals of Human Genetics*, 61(5): 463-464.
4. **Fullerton, SM**. (1997) Review of Human Genome Evolution ed. by M. Jackson, T. Strachan, & G. Dover. *Annals of Human Biology*, 24(5): 481.
5. **Fullerton, SM**. (1997) Review of Variation in the Human Genome (Ciba Foundation Symposium No. 197), ed. by D. Chadwick and G. Cardew. *Annals of Human Biology*, 24(1): 70-71.
6. **Fullerton, SM**. (1999) Review of DNA Markers: Protocols, Applications, and Overviews ed. by G. Caetano-Anollés & P. M. Gresshoff. *Annals of Human Biology*, 26(2): 195-196.
7. Weiss, KM & **Fullerton, SM**. (2002) Review of Life Script: How the Human Genome Discoveries Will Transform Medicine and Enhance Your Health, by N. Wade. *The Quarterly Review of Biology*, 77(2): 244.
8. **Fullerton, SM**. (2003) Review of Where Do We Come From?: The Molecular Evidence for Human Descent, by J. Klein & N. Takahata. *Heredity*, 90(2): 121.
9. Holland, S. & **Fullerton, SM**. (2007) Review of Taking Biology Seriously: What Biology Can and Cannot Tell Us About Moral and Public Policy Issues, by I. de Melo-Martin. *American Journal of Bioethics*, 7(10): 47-8.

10. **Fullerton, SM**. (2011) Review of What's the Use of Race?: Modern Governance and the Biology of Difference, edited by I. Whitmarsh & D. S. Jones. *The Quarterly Review of Biology*, 86(2): 122-3.

Manuscripts Submitted

1. Yu, JH, Taylor, JS, Edwards, KL, & **Fullerton, SM**. What are our AIMs? Interdisciplinary perspectives on the use of ancestry estimation in disease research. Submitted to *American Journal of Bioethics Primary Research* on November 9, 2011. Revised and resubmitted February 29, 2012.
2. Knerr, S, & **Fullerton, SM**. Transdisciplinary approaches to understanding and eliminating health disparities: are we on the right track? Submitted to *Ethnicity and Disease* on February 17, 2012.
3. Beskow, LM, **Fullerton, SM**, Namey, EE, Nelson, DK, Davis, AM, & Wilfond, BS. Recommendations for ethical approaches to genotype-driven research recruitment. Submitted to *Human Genetics* on, February 28, 2012.

Abstracts

1. **Fullerton, SM**, Boyce, AJ, and Clegg, JB. (1993) Intrapopulation nucleotide polymorphism at the human ß-globin locus. *American Journal of Human Biology*, 5(1): 135.
2. **Fullerton, SM**, Harding, RM, Boyce, AJ, and Clegg, JB. (1994) DNA sequence variation at the human ß-globin locus and its application to evolutionary analysis. *Annals of Human Biology*, 21(1): 99.
3. **Fullerton, SM**. (1995) Allelic sequence diversity at the human ß-globin locus. *Annals of Human Biology*, 22(3): 270.
4. **Fullerton, SM**, Harding, RM, Boyce, AJ, and Clegg, JB. (1995) The origin of the sickle cell mutation in human populations: insights from the study of DNA sequence polymorphism at the ß-globin locus. *American Journal of Human Biology*, 7(1): 123.
5. **Fullerton, SM**, Schneider, JA, Bond, J, Harding, RM, Boyce, AJ, and Clegg, JB (1995) DNA sequence variation at the ß-globin locus and human evolutionary origins. *American Journal of Physical Anthropology*, Suppl. 20: 94.
6. **Fullerton, SM**. (1996) Allelic sequence diversity at the human ß-globin locus (DPhil Thesis Abstract). *Social Biology and Human Affairs*, 61(1): 37.
7. Ashworth, L, Taylor, CF, Marlow, CA, & **Fullerton, SM**. (1997) Molecular genetic approaches to sex determination: an evaluation of three methods. *Annals of Human Biology*, 24(3): 275.
8. Ashworth, L, Taylor, CF, Marlow, CA, & **Fullerton, SM**. (1997) Three genetic methods for sex determination: evaluation and application to the analysis of DNA from teeth. *American Journal of Physical Anthropology*, Suppl. 24: 70.
9. **Fullerton, SM**, Bond, J, Schneider, JA, Harding, RM, Boyce, AJ, & Clegg, JB. (1997) DNA replication and polymorphism at the human ß-globin locus. *Annals of Human Biology*, 24(3): 269-270.
10. **Fullerton, SM**, Bond, J, Schneider, JA, Harding, RM, Boyce, AJ, & Clegg, JB. (1997) The ß-globin origin of replication region is hypervariable in humans. *American Journal of Physical Anthropology*, Suppl. 24: 114.
11. **Fullerton, SM**, Harding, RM, Griffiths, RC, and Clegg, JB. (1997) The genetic ancestry of modern humans: inferences from the analysis of DNA sequence diversity at the human ß-globin locus. *American Journal of Human Biology*, 9(1): 128.
12. **Fullerton, SM**, Taylor, CF, Schneider, JA, Harding, RM, & Clegg, JB. (1998) Sequence variation in human origins of replication: application to evolutionary analysis. *Annals of Human Biology*, 25(4): 399.
13. **Fullerton, SM**, Clark, AG, Weiss, KM, Taylor, SL, Nickerson, DA, Stengård, J, Boerwinkle, E, & Sing, CF. (1999) Complete sequence analysis of the human apolipoprotein E locus reveals previously undetected heterogeneity among ε2, ε3, and ε4 alleles. *American Journal of Human Genetics*, 65(4): A84.

14. Weiss, KM, Clark, AG, **Fullerton, SM**, Taylor, SL, Nickerson, DA, & Sing, CF. (1999) Evaluating the phenotypic effects of SNP variation: sampling issues. *American Journal of Human Genetics*, 65(4): A3.
15. **Fullerton, SM**, Weiss, KM, Clark, AG, Taylor, SL, Stengård, J, Boerwinkle, E, Sing, CF, & Nickerson, DA. (2000) Nucleotide and sequence haplotype diversity at the human apolipoprotein AII (APOA2) locus: significant deficit of polymorphism in an African-American sample. *American Journal of Human Genetic*s, 67(4): 1273.
16. **Fullerton, SM**, Weiss, KM, Clark, AG, Taylor, SL, Nickerson, DA, Stengård, J, Boerwinkle, E, & Sing, CF. (2000) DNA sequence variation at the APOE locus: new insights into the global distribution of an important human polymorphism. *American Journal of Physical Anthropology*, Suppl. 30: 154.
17. Clark, A, Weiss, KM, **Fullerton, SM**, Nickerson, DA, & Sing, CF. (2001) Fine-structure of linkage disequilibrium in candidate genes for cardiovascular disease. *Pathologie Biologie*, 49(5): 405.

INVITED NATIONAL AND INTERNATIONAL PRESENTATIONS

1. "From population to individual: identifying genetic contributions to complex disease". Invited Session on Issues in the Use of Demographic Surveys to Define Population Genetics, Population Association of America Annual Meeting, Minneapolis, May 2003
2. "Genetic correlates of racial and/or ethnic identity and their implications for biomedical research" (with KM Weiss). Special Invited Session on the Genetics of Race, American Psychosomatic Society Annual Meeting, Orlando, March 2004
3. "Emerging issues in genetic testing and screening", Clinical Research Center, St. Luke's International Hospital, Tsukiji, Tokyo, Japan, March 2007
4. "Genetic ancestry testing in the United States: ethical implications", Tokyo Genetic Counselor Network, Teishin Hospital, Tokyo, Japan, March 2007
5. "Research misconduct: lessons from the United States", Kyorin University, Tokyo, and the National Institute of Public Health, Wako, Japan, March 2007
6. Invited Commentator on "Where is the scientific research going?" Panel (Oral Presentation), Workshop on Genetics, Evolution, and Cognitive Ability, Center for Integration of Research on Genetics and Ethics, Stanford University, June 2007
7. "Getting from there to here: environment, evolution, and genetic contributions to behavior", Royal Society of Canada Symposium on Changing Boundaries between Gene Expressions and the Social Fabric: Social Sciences Confront Modern Genetics Challenges, Edmonton, Alberta, November 2007
8. "Use of 'race' and ancestry in biomedical research: implications and applications", Ancestry in Health and Medicine Workshop: Expanding the Debate, McLaughlin-Rotman Centre for Global Health, University of Toronto, Toronto, April 2008
9. "Genetic privacy and personalized medicine", AMC Security and Privacy Conference, Chapel Hill, NC, March 2009
10. "Biobanking: if, when, and how to return research results", Advancing Ethical Research Conference, 2009 PRIM&R Annual Meeting, Nashville, TN, November 2009
11. "Incidental findings and individual research results in genomic research using biobanks and archives—what are they and when do they arise?", Managing Incidental Findings and Research Results in Genomic Biobanks & Archives Meeting, Minneapolis, MN, January 2010
12. "Race, genetics, and public health: a sociocultural/anthropologic view", MYH9 and Kidney Disease: Clinical and Public Health Implications of Recent Genetic Findings in Populations, Bethesda, MD, April 2010
13. "Data owed to research subjects", OHRP Research Community Forum - Regulatory Responsibility and Innovation: An Opportunity for Partnership, Chicago, IL, May 2010

14. "The current landscape for collecting, storing, and sharing DNA samples", Risk of Data Sharing in Genomics Workshop, University of Colorado, Denver, CO, August 2010
15. "Identifiabilty, data sharing, and the public", International Data Sharing Conference, HeLEX Center for Health, Law, and Emerging Technologies, University of Oxford, UK, September 2010
16. "From the ground up: participant preferences and policy", 61st Meeting of the National Advisory Council for Human Genome Research, Washington DC, February 2011
17. "New developments on governance and oversight - access to data by researchers and participants", 2011 ELSI Congress Plenary Panel, Chapel Hill, NC, April 2011
18. "Offering aggregate results to participants in genomic research: opportunities and challenges" (with LM Beskow, W Burke, & RR Sharp), P3G Making Connections Meeting, Montreal, Canada, October 2011
19. "Participant engagement in research: why we can't just walk away with the data", EURAC New Patient-Centric Perspectives in Medical Research: Ethical and Governance Challenges International Conference, Rome, Italy, October 2011
20. "Ethnicity and community: impact of genetic findings and disclosing results", Whole Genome Approaches to Complex Kidney Diseases Meeting, Bethesda, MD, Feburary 2012

OTHER INVITED PRESENTATIONS (SELECTED)

1. "Replication, recombination, and DNA sequence variation at the human ß-globin locus." Departmental Seminar, Human Genetics, University of Newcastle upon Tyne, February 1997
2. "Simple sequences and origins of DNA replication." European Science Foundation Workshop on Microsatellites: Evolutionary Dynamics and Applications, Oxford, August 1997
3. "The genetic ancestry of modern humans: inferences from the analysis of DNA sequence diversity at the human ß-globin locus." American Association of Physical Anthropology Annual Meeting, Salt Lake City, Utah, April 1998
4. "DNA sequence turnover in the vicinity of human origins of replication." Department of Genetics, University of Nottingham, UK, April 1998 and Department of Biological Anthropology, University of Oxford, UK, May 1998
5. "The genetics of human evolution: revisiting the 'Out of Africa' theory of human origins." Department of Anthropology, Temple University, April 1999
6. "Apolipoprotein E diversity: genomic sequence analysis of a major candidate locus for CHD." Gordon Research Conference on Molecular Evolution, Hayama, Japan, October 1999
7. "DNA sequence variation in candidate genes for cardiovascular disease risk." Department of Human Genetics, University of Chicago, Chicago, August 2000
8. "Stem cell research: ethical implications" (jointly with molecular biologist Margaret Halleck), Monthly Discussion Forum of the Unitarian Universalist Fellowship of Centre County, Nov 2002
9. "The dilemma of difference: 'race' as a research variable in biomedical research" (Invited Leader of Half-Day Research Seminar). Breaking the Silence Seminar Series, Penn State Univ, February 2003
10. "The Haplotype Map project: refiguring the genome with respect to population (and politics)". Science, Medicine, and Technology in Culture Series, Rock Ethics Institute, Pennsylvania State University, November 2003
11. "Where ancestry and environment collide: race in biomedical context." Rush Institute for Healthy Aging, Chicago, May 2004
12. "Haplotypes and half-breeds: ways in which variation is being reconfigured in the post-genomic era", Cornell University STS Science Studies Research Group Spring Series, Ithaca, April 2005
13. "Exploring the racial implications of the International HapMap Project", Institute for Public Health Genetics Seminar Series, University of Washington, Seattle, November 2005

14. "Side-stepping race with biogeographic ancestry: genes as solution or problem?", Biological Anthropology Seminar Series, University of Washington, Seattle, November 2006
15. "Recreational genomics: all fun and games?", Health Services Policy Seminar Series, University of Washington, Seattle, April 2007
16. "Engendering research integrity: investigator gender and responses to ethical dilemmas", Fred Hutchinson Cancer Research Center, Interdisciplinary Club, Seattle, October 2007
17. "Racial generalization in gene-disease association research: is there any reason to worry?", Medical Genetics Seminar Series, University of Washington, November 2007
18. "Participation in Genome-wide Association Studies: stakeholder perspectives", Medical Genetics and Public Health Genetics Seminar Series, University of Washington, April 2009
19. "Genetics and ethics: old issues, new concerns", Wednesdays at the Genome Public Lecture Series, Genome Sciences, University of Washington, July 2009
20. "Survey on Northwest Institute of Genomic Medicine (NWIGM) bioethics core: findings and next steps", NWIGM Annual Retreat, University of Washington, June 2010
21. "Standing out from the crowd: ethical implications of identifiability", Summer Institute in Public Health Genetics, Center for Genomics and Public Health, Seattle, June 2010
22. "Using genetic ancestry in epidemiological research: key assumptions", Visiting Lecture Series on 'Identity, Ancestry, and Heritage: Multidisciplinary Perspectives', University of Tennessee Department of Anthropology, Knoxville, TN, November 2010
23. "Offering aggregate results to participants in genomic research: opportunities and challenges" (with LM Beskow, W Burke, & RR Sharp), Managing Incidental Findings and Return of Research Results in Genomic Biobanks and Archives, Bethesda, May 2011
24. "Changing the Common Rule: what are the stakes for genomics?" (with W Burke), Medical Genetics Seminar Series, University of Washington, January 2012
25. "Innovation Squared: Why Innovations in Technology Require Innovations in Ethics" (with G Bennett, D Guston, LH Nichols, and G Ottinger), Innovation Forum: Exploring Innovation and Creativity, UW Bothell, February 2012

OTHER PRESENTATIONS AND POSTERS (SELECTED)

1. "DNA sequence variation at the ß-globin locus and human evolutionary origins" (Oral Presentation). American Association of Physical Anthropology Annual Meeting, Oakland, California, March 1995
2. "Genetic diversity at the human apolipoprotein E locus: new insights from complete sequence analysis" (Oral Presentation). Symposium on Genome Diversity and Evolution, American Genetic Association, Penn State University, June 1999
3. "Letting the genie out of its bottle: contemporary population genetics and the new biological basis of race" (Oral Presentation). Society for Social Studies of Science Meeting, Atlanta, October 2003; also 'Beyond Science and Values' Meeting, Pennsylvania State University, April 2004
4. "'We must foster a culture of responsibility': managing risks entailed by genomic advances in infectious disease research." (Poster, with SB Trinidad, K Fryer-Edwards, and T Gallagher). Keck Futures Initiative 'The Genomic Revolution: Implications for Treatment and Control of Infectious Disease' Meeting, Irvine, November 2005
5. "You did WHAT? How leaving the bench made me a better scientist." (Facilitated Discussion) Forum on Science, Ethics, and Policy (FOSEP), University of Washington, Seattle, June 2006
6. "Finding new voices: what have bioethicists been missing?" (Oral Presentation, with I de Melo-Martin & AT Ho), American Society for Bioethics and Humanities (ASBH) Annual Meeting, Denver, CO, October 2006
7. "Ancestry Informative Markers: silencing the social critique of race in genetics" (Oral Presentation, with JH Yu), Society for Social Studies of Science Meeting, Vancouver, BC, November 2006

8. "Population specificity may not be enough: a case-based investigation of racial generalization in gene-disease association research" (Poster, with JH Yu, J Crouch, K Fryer-Edwards, and W Burke), American Society of Human Genetics (ASHG) Annual Meeting, San Diego, CA, October 2007
9. "Outside and inside science: thinking about teaching ethics" (Oral Presentation), Ethics in the Science Classroom Short Course, Northwest Association for Biomedical Research, Seattle, February 2008
10. "Ancestry testing in biomedical research" (Oral Presentation, with JH Yu), Genetic Testing, Race, and Community Identity Panel, Translating ELSI: Ethical, Legal, and Social Implications of Genomics meeting, Cleveland, OH, May 2008
11. "Participation in genome-wide association studies using electronic medical records: trust is key" (Poster, with SB Trinidad, J Bares, GP Jarvik, EB Larson, and W Burke), ASHG Annual Meeting, Philadelphia, PA, November 2008
12. "On basic research and its responsible conduct", (Oral Presentation), Ethics in the Science Classroom Summer Course, Northwest Association for Biomedical Research, July 2009
13. "Scientific considerations for governance structures of biobanks" (Oral Presentation, with H Tabor), Examining Governance for Biobanks: Ethical, Scientific, and Practical Considerations - Making Connections Meeting, Banff, Alberta, Canada, September 2009
14. "Age-related differences in attitudes toward participation in genomic research" (Poster, with SB Trinidad, J Bares, GP Jarvik, EB Larson, and W Burke), ASHG Annual Meeting, Honolulu, HI, October 2009
15. "Getting to benefit: genomics, research participation, and healthcare equality" (Oral Presentation), National Latino Cancer Summit, San Francisco, CA, July 2010
16. "Conducting high-throughput genomic research in the setting of a healthcare cooperative: recommendations from a consensus development panel" (Poster, with SB Trinidad, DC Grossman, GP Jarvik, EB Larson, and W Burke), ASHG Annual Meeting, Washington DC, November 2010
17. "The input-output problem: whose DNA do we study and why does it matter?" ("Justice in Translation: Achieving Benefit for All from Genomic Science" Panel, with W Burke, S Holland, and H Starks), 2011 ELSI Congress Plenary Panel, Chapel Hill, NC, April 2011
18. "Uses of ancestry in structured association mapping: a critical analysis of recent literature" (Poster, with JH Yu, KA Edwards, JS Taylor, and KL Edwards), ASHG/ICHG Annual Meeting, Montreal, Canada, October 2011
19. "Evaluation of dbGaP data access requests: a call for greater transparency" (Poster, with L Walker, H Starks, and KM West), ASHG/ICHG Annual Meeting, Montreal, Canada, October 2011