

CURRICULUM VITA

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Primary Affiliation

Senior Scientist
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Education

1984 B.A. Haverford College, Haverford, PA
1992 M.A. Johns Hopkins University, Baltimore, MD
1996 Ph.D. George Washington University, Washington, DC

Fellowships

1988-1991 NIH Pre-doctoral Training Award, Johns Hopkins University, Baltimore, MD
1993-1996 Pre-Doctoral IRTA Fellowship, National Institute of Alcoholism and Alcohol Abuse, Rockville, MD
1996-1997 Post-Doctoral IRTA, Fellowship, National Institute of Alcoholism and Alcohol Abuse, Rockville, MD
1997-1999 Cancer Genetics and Epidemiology Post-Doctoral Fellowship, National Cancer Institute, Rockville, MD

Employment

1985-1987 Research Technician, Department of Biochemistry, School of Hygiene and Public Health, Johns Hopkins University, Baltimore, MD
1987-1988 Research Associate, Cellmark Diagnostics, Germantown, MD
1999-2001 Co-Founder, Laboratory Director & Vice President, Biognosis U.S., Inc., Gaithersburg, MD
2002-2007 Staff Scientist, Division of Cancer Epidemiology and Genetics, National Cancer Institute, Bethesda, MD
2002-2006 Principal, Andrew W Bergen LLC, Cabin John, MD
2007-2015 Director, Molecular Genetics Program, Center for Health Sciences, SRI International, Menlo Park, CA
2013-2015 Senior Director, Center for Health Sciences, SRI International, Menlo Park, CA
2015-2018 Associate, BioRealm, LLC, Walnut, CA
2017-present Senior Scientist, Oregon Research Institute, Springfield, OR

Consultancies

2017 Westat, Inc., Rockville, MD
 2017-2018 Granite Point Ventures, Greenbelt, MD
 2018-present BioRealm, LLC, Walnut, CA
 2021-present Rutgers, The State University of New Jersey, Piscataway, NJ
 2022-present ORI Community and Evaluation Services, Springfield, OR

Post Graduate Short Course

1998 Twin and Family Studies, Institute for Behavioral Genetics, University of Colorado, Boulder, CO
 1998 Genetic-Epidemiologic Studies of Complex Diseases, Cold Spring Harbor Laboratory, Cold Spring Harbor, NY
 2011 Statistical Analysis of Genome Scale Data, Cold Spring Harbor Laboratory, Cold Spring Harbor, NY

Mentees, current position

1999-2001 J. Kelly Gangei, BS, *President & CEO*, AmplifyBio, MD, USA
 1999-2001 Meredith Yeager, PhD, *Senior Principal Scientist and Scientific Director*, Cancer Genomics Research Laboratory, NCI, MD, USA
 2002-2006 Michael Beerman, BS, *IT Manager*, Leidos BRI, MD, USA
 2002-2006 Kashif Haque, BS, MS, *Lab Informatics/LIMS Engineer*, Adaptimmune, PA, USA
 2003-2006 Ying Qi, PhD, *Senior Computational Analyst*, Leidos BRI, MD, USA
 2007-2008 Yungang He, PhD, *Research Fellow and Principal Investigator*, Computational Genetics Group, Shanghai Medical College, Fudan University, Shanghai, PRC
 2007-2015 Denise Nishita, BS, *Research Assistant V*, SRI International, CA, USA
 2009 Jill Hardin, PhD, *Director*, Observational Health and Data Analytics, Janssen, MA, USA
 2009-2012 Jennifer Wessel, PhD, *Associate Professor*, Indiana University SoM, IN, USA
 2009-2010 Sarah (Dostal) McDonald, PhD, *Scientist*, Celdara Medical, NH, USA
 2010-2014 Martha Michel, PhD, *Research Specialist*, UCSF, CA, USA
 2010-2011 Aditi Mallick, MD, *Chief Medical Officer*, Medicaid & CHIP, Washington, DC, USA
 2011-2012 Aaron Wacholder, PhD, *Post-doctoral Fellow*, Computational and Systems Biology, University of Pittsburgh School of Medicine, PA, USA
 2016-2018 Mateus Gouveia, PhD, *Post-doctoral Fellow*, NHGRI, NIH, MD, USA
 2018-2021 Gulcan Çil, PhD, *Senior Statistician*, Center for Evidence-based Policy, OR, USA
 2019-2020 Teresa Hawkes, PhD, *Neuroscientist*, Applied Research Solutions, OH, USA
 2021-2022 Stasinios Stavrianeas, PhD, *Associate Scientist*, Oregon Research Institute, OR, USA
 2021-current Vincent Chirimwami, PhD, *Associate Scientist*, Oregon Research Institute, OR, USA

Service, Leadership and Honors

1999-present Society for Research on Nicotine and Tobacco (SRNT)

1999-present Co-Investigator, Environment and Genetics in Lung Cancer Etiology, DCEG, NCI

2003 NIH Merit Award “For developing the design specifications and overseeing the implementation of the laboratory information management system for the NCI Core Genotyping Facility”

2002-2006 Adjunct Assistant Professor, Epidemiology and Biostatistics, SPHHS, GWU, Washington, DC

2002-2006 Core Genotyping Facility User Oversight Committee, DCEG, NCI

2003-2007 Bioinformatics and Computational Biology Roadmap Working Group, NIH

2004-2007 Tobacco Research Opportunity Team, NCI

2005-2007 Genetics Access Committee, NIDA, NIH

2005-2006 Candidate Gene and Data Analysis Committees, High-throughput Genome Wide Scan for Drug Addiction Loci, NIDA, NIH

2006 Scientific Advisory Board Member, Pharmacogenetics of Nicotine Addiction Treatment Consortium, Pharmacogenetics Network

2007-present Member, NIDA Genetics Consortium (now Genetics and Epigenetics)

2007-2015 Co-Investigator, Pharmacogenetics of Nicotine Addiction Treatment Consortium

2009-2010 Advisory Board Member - National Center for Health Professional Education in Genetics

2010 Intel International Science Fair Grand Award Judge, San Jose, CA

2010-present Genetics Network (now Genomics and –Omics Network), SRNT

2010-2014 Co-Chair, Genetics Network, SRNT

2010-2012 Study of Tobacco in Minority Populations (STOMP) Consortium

2012-2013 Workshop organizer and discussant, with Jaakko Kaprio, “Nicotine Dependence Genetics and Beyond”, SRNT 2013 Annual Meeting, Boston, MA,

2013-2014 Workshop organizer and discussant, with Nancy Saccone, “Genetics of Smoking – Findings, Function, and Future Frontiers”, SRNT 2014 Annual Meeting, Seattle, WA

2012-2014 Organizer, Multiple Treatment Meta-analysis of Smoking Cessation Therapies

2013-2015 Organizer, Total Exposure Study Analysis Consortium

2013-2015 ISPG Taskforce on Genetic Testing

2014-2015 Genetics Advisory Committee, SRNT

2014-2015 GWAS & Sequencing Consortium of Alcohol and Nicotine Use

2014-present Psychiatric Genomics Consortium

2014-present Scientific Advisor, BioRealm, LLC

2014 Center for Tobacco and Alcohol Studies Visiting Professorship, School of Experimental Psychology, University of Bristol

2014-2017 Tobacco Addiction Group, Cochrane Collaboration

2015-present Treatment Network, SRNT

2015-2018 Genetics and Treatment Networks Working Group, SRNT

- 2015-2016 Symposium Organizer, “Incorporating Genomics Data into Treatment Research: Consensus Approaches, Genome-wide Analyses, and Prospects for Translation”, SRNT 2016 Annual Meeting, Chicago, IL
- 2015-2018 Special Volunteer, Infections and Immunoepidemiology Branch, Division of Cancer Epidemiology & Genetics, National Cancer Institute
- 2015-present Scientific Advisor, BioRealm, LLC
- 2015-2017 Member, PGRN-PNAT Research Group
- 2017 Letter of Appreciation for Service to the SRNT
- 2017 SRNT Mentoring Task Force, Trainee Network, SRNT
- 2018 Letter of Appreciation for Service to the SRNT
- 2017-present Member, Oregon Research Institute (ORI)
- 2018-present Member, Growth and Innovation Group, ORI
- 2018 Organizer, Center for Health Sciences Dataset Curation Group
- 2018-2022 Mental Health Advisory/Local Alcohol & Drug Planning Committee, Lane Cty, OR
- 2019-2020 Organizer, Geriatric Opioid and Benzodiazepine Use and Frailty
- 2019-present Board of Directors, ORI
- 2019-2020 Fundraising Committee, ORI
- 2019-2020 Growth and Innovation Fund Distribution Task Force, ORI
- 2019-2020 Scientist Recruitment Task Force, ORI
- 2021-present Health Equity Research Group, ORI
- 2021-2022 Organizer, Prescription Analgesics and Sedatives and Frailty
- 2021-present Growth and Innovation Fund Distribution Committee, ORI
- 2021-present Scientific Development Funds Policy Committee, ORI
- 2021-present Diversity, Equity and Inclusion Working Group, Cancer Center Cessation Initiative (3CI)
- 2021-present Implementation Science Working Group, 3CI
- 2022-present Behavioral and Public Health Research Consortium Advisory Board

Research Support

- 2022-2023 Co-I, Oregon Health Authority, “Identifying and Assessing Our Communities Priorities in Commercial Tobacco Product Use Prevention”, MPIs: Mulumba and Chirimwami
- 2013-2023 Professional Services Agreements, University of California San Diego

Completed Research Support

- 2018-2021 MPI, R44 AA027675, “Smokescreen Translational (TL) Analysis Platform”, MPIs: Baurley and Bergen
- 2018 MPI, R43 DA046325, “Biosignatures of opioid addiction treatment success”, MPIs: Baurley and Bergen
- 2016 MPI, R43 DA041211, “Smokescreen Translational (TL) Analysis Platform”, MPIs: Baurley and Bergen

2008-2012	Professional Services Agreements, Price Foundation Ltd Program for the Study of Genetics of Eating Disorders
2008-2009	Research Steering Committee Member, "Resequencing Candidate Genes of Interest in Nicotine Dependence", Perlegen Biosciences, Members: Bergen and Swan
2009-2010	Research Steering Committee Member, "Metabolic SNPs and Nicotine and Cotinine Metabolism in Two Family Based Samples", Medco Health Solutions and Affymetrix, Members: Bergen and Swan
2009-2011	Co-I, R01 CA071358, "Treatment of Nicotine Dependence in a Health Care Setting", PI: Swan
2009-2012	MPI, RC2 DA028793, "Salivary Biomarkers, Life Stress and Nicotine Dependence" MPIs: Andrews and Bergen
2012-2015	PI, R21 DA033813, "DMET Genes, Nicotine Metabolism and Prospective Abstinence"
2007-2014	Co-I, U01 DA020830 "Pharmacogenetics of Nicotine Addiction Treatment", MPIs: Benowitz, Lerman, and Tyndale
2007-2009	Co-I, P50 CA084735, "Genes, Environment & Tobacco Use across Cultures", PI: Johnson

Society Affiliations

American Association for Cancer Research, currently inactive
 American Society of Human Genetics, currently inactive
 International Genetic Epidemiology Society, currently inactive
 International Society of Psychiatric Genetics, currently inactive
 Society for Research on Nicotine and Tobacco, active
 College on Problems of Drug Dependence, active

Reviewer for Research or Service Sponsors 2007-2020

2007-2008	Ad hoc: Behavioral Genetics and Epidemiology Study Section, NIH
2007-2008	Ad hoc: Children and Families Study Section, NIH
2008	Ad hoc: Korean Ministry of Education, Science, and Technology
2009-2011	Ad hoc: Subcommittee G - Education Study Section, NCI, NIH
2009-2013	Member: Behavioral Genetics and Epidemiology Study Section, NIH
2010	Ad hoc: Israeli Science Foundation
2013	Ad hoc: FDA/NIH Tobacco Regulation Research, NIH
2013	Ad hoc: Lung Foundation Netherlands
2016	Ad hoc: The French National Research Agency
2019	Ad hoc: ZCA1 RTRB-U (A1) Special Emphasis Panel, NCI, NIH
2019	Ad hoc: Lane County, OR, Health and Human Services
2020	Ad hoc: Special Emphasis Panel ZRG1 PSE B40, NIDA, NIH

Reviewer for Journals 2002-2023

Addiction
Alcohol Clinical and Experimental Research
American Journal of Epidemiology
American Journal of Human Genetics
Archives of General Psychiatry
Biological Psychiatry
BMC Cancer
BMC Genetics
BMC Genomics
Cancer Epidemiology, Biomarkers and Prevention
Cancer Research
Carcinogenesis
CHEST
Clinical Chemistry and Laboratory Medicine
Complex Psychiatry
Drug and Alcohol Dependence
Epigenetics
European Journal of Human Genetics
Frontiers in Genetics (Associate Editor)
Frontiers in Physiology
Genes, Brain and Behavior
Human Genetics
Human Mutation
Human Molecular Genetics
Journal of Human Genetics
Journal of Translational Medicine
International Journal of Eating Disorders
Molecular Carcinogenesis
Molecular Neurobiology
Molecular Psychiatry
Neuropsychiatric Genetics
Neuropsychopharmacology
Nicotine & Tobacco Research
Nucleic Acids Research
Pacific Symposium in Biocomputing
Pharmacogenetics and Genomics
Pharmacogenomics Journal
Psychoneuroendocrinology
PLoS Genetics
PLoS One
The Pharmacogenomics Journal

Peer-Reviewed Publications 1990-2023

- 1) Economou EP, **Bergen AW**, Warren AC, Antonarakis SE. The polydeoxyadenylate tract of Alu repetitive elements is polymorphic in the human genome. *Proc Natl Acad Sci U S A* 1990 Apr;87(8):2951-4.
- 2) Scott AF, Elizaga A, Morrell J, **Bergen A**, Penno MB. Characterization of a gene coamplified with Ki-ras in Y1 murine adrenal carcinoma cells that codes for a putative membrane protein. *Genomics* 1994 Mar 15;20(2):227-30.
- 3) **Bergen A**, Wang CY, Nakai B, Goldman D. Mass allele detection (MAD) of rare 5HT1A structural variants with allele-specific amplification and electrochemiluminescent detection. *Hum Mut* 1996;7(2):135-43. Erratum in: *Hum Mutat* 1996;8(1):95.
- 4) Mazzanti CM, **Bergen A**, Enoch MA, Michelini S, Goldman D. Identification of a Ser857-Asn857 substitution in DRK1 (KCNB1), population frequencies and lack of association to the low voltage alpha EEG trait. *Hum Genet* 1996 Aug;98(2):134-7.
- 5) **Bergen AW**, Kokoszka, J, Peterson R, Long JC, Virkkunen M, Linnoila M, Goldman D. Mu opioid receptor gene variants: lack of association with alcohol dependence. *Mol Psych* 1997 Oct-Nov;2(6):490-4.
- 6) **Bergen AW**, Pratt ML, Mehlman P, Goldman D. Evolution of RPS4Y. *Mol Bio Evol* 1998 Nov;15(11):1412-9.
- 7) Goldman D, **Bergen AW**. General and specific inheritance of substance abuse and alcoholism. *Arch Gen Psych* 1998 Nov;55(11):964-5.
- 8) Kittles RA, Perola M, Peltonen L, **Bergen AW**, Aragon RA, Virkkunen M, Linnoila M, Goldman D, Long JC. Dual origins of Finns revealed by Y chromosome haplotype variation. *Am J Hum Genet* 1998 May;62(5):1171-9.
- 9) Pesonen U, Koulu M, **Bergen A**, Eggert M, Naukkarinen H, Virkkunen M, Linnoila M, Goldman D. Mutation screening of the 5-hydroxytryptamine₇ receptor gene among Finnish alcoholics and controls. *Psych Res* 1998 Feb 27;77(3):139-45.
- 10) **Bergen AW**, Caporaso N. Cigarette smoking. *J Natl Cancer Inst* 1999 Aug 18;91(16):1365-75.
- 11) **Bergen AW**, Korczak JF, Weissbecker KA, Goldstein AM. A genome-wide search for loci contributing to smoking and alcoholism. *Genet Epidemiol* 1999;17 Suppl 1:S55-60.
- 12) **Bergen, AW**, Wang, CY, Tsai, J, Jefferson K, Dey C, Smith KD, Park SC, Tsai SJ, Goldman, D. RPS4Y resequencing and Y chromosome microsatellite haplotyping identify an Asian paternal lineage. *Ann Hum Genet* 1999 Jan;63(Pt 1):63-80.
- 13) Karafet TM, Zegura SL, Posukh O, Osipova L, **Bergen A**, Long J, Goldman D, Klitz W, Harihara S, de Knijff P, Wiebe V, Griffiths RC, Templeton AR, Hammer MF. Ancestral Asian source(s) of new world Y chromosome founder haplotypes. *Am J Hum Genet* 1999

Apr;108(4):381-99.

- 14) Kittles RA, **Bergen AW**, Urbanek M, Virkkunen M, Linnoila M, Goldman D, Long JC. Autosomal, mitochondrial, and Y chromosome DNA variation in Finland: evidence for a male-specific bottleneck. *Am J Phys Anthropol* 1999 Apr;108(4):381-99.
- 15) Kittles RA, Long JC, **Bergen AW**, Eggert M, Virkkunen M, Linnoila M, Goldman D. Cladistic association analysis of Y chromosome effects on alcohol dependence and related personality traits. *Proc Natl Acad Sci USA* 1999 Mar 30;96(7):4204-9.
- 16) Korczak JF, **Bergen AW**, Goldstein AM, Weissbecker KA. Sib-pair linkage analyses of alcoholism: dichotomous and quantitative measures. *Genet Epidemiol* 1999 ;17 Suppl 1:S205-10.
- 17) Rotondo A, Schuebel KE, **Bergen AW**, Aragon R, Virkkunen M, Linnoila M, Goldman D, Nielsen DA. Identification of four variants in the tryptophan hydroxylase promoter and association to behavior. *Mol Psych* 1999;4:360-368.
- 18) Tozzi F, **Bergen AW**, Bulik CM. Candidate gene studies in eating disorders. *Psychopharmacol Bull*, 2002;36(3):60-90.
- 19) **Bergen AW**, Yeager M, Welch R, Ganjei JK, Deep-Soboslay A, Haque K, van den Bree MBM, Goldman D, Berrettini WH, Kaye WH, the **Price Foundation Collaborative Group** (www.anbn.org). Candidate gene analysis of the Price Foundation anorexia nervosa affected relative pair dataset. *Curr Drug Targets* 2003 Feb;2(1):41-51. Review.
- 20) **Bergen AW**, van den Bree MBM, Yeager M., Welch R, Ganjei JK, Haque K, Bacanu S, Grice DE, Berrettini WH, Goldman D, Bulik C, Klump K, Fichter M., Halmi K, Kaplan A., Strober M, Treasure J, Woodside B, Kaye WH. Candidate genes for anorexia nervosa in the 1p33-36 linkage region: serotonin 1D and delta opioid receptor loci exhibit significant association to anorexia nervosa. *Mol Psych* 2003 Apr;8(4):397-406.
- 21) **Bergen AW**, Yang X, Bai Y, Beerman M, Goldstein AM, Goldin LR; Framingham Heart Study. Genomic regions linked to alcohol consumption in the Framingham Heart Study. *BMC Genet* 2003 Dec 31;4 Suppl 1:S101.
- 22) Bulik CM., Devlin B, Bacanu S-A., Thornton L, Klump KL, Fichter MM., Halmi KA, Kaplan AS, Strober M, Woodside DB, **Bergen AW**, Ganjei JK, Crow S, Mitchell J, Rotondo A, Mauri M, Cassano G, Keel P, Berrettini WH, Kaye WH. Significant linkage on chromosome 10p in families with bulimia nervosa. *Am J Hum Genet* 2003 Jan;72(1):200-7.
- 23) Haque KA, Pfeiffer RM, Beerman MB, Struewing JP, Chanock SJ, **Bergen AW**. Performance of high-throughput DNA quantification methods. *BMC Biotechnol* 2003 Oct 28;3:20.
- 24) Hughes AL, Packer B, Welch R, **Bergen AW**, Chanock SJ, Yeager M. Widespread purifying selection at polymorphic sites in human protein-coding loci. *Proc Natl Acad Sci U S A* 2003 Dec 23;100(26):15754-7.

- 25) Moslehi R, Goldstein AM, Beerman M, Goldin LR, **Bergen AW**; Framingham Heart Study. A genome-wide linkage scan for body mass index on Framingham Heart Study families. *BMC Genet* 2003;4:S97.
- 26) Saccone NL, Goode EL, **Bergen AW**. Genetic analysis workshop 13: Summary of analyses of alcohol and cigarette use phenotypes in the Framingham Heart Study. *Genet Epidemiol* 2003;25 Suppl 1:S90-7.
- 27) Kaye WH, Devlin B, Barbarich N, Bulik CM, Thornton L, Bacanu SA, Fichter MM, Halmi KA, Kaplan AS, Strober M, Woodside DB, **Bergen AW**, Crow S, Mitchell J, Rotondo A, Mauri M, Cassano G, Keel P, Plotnicov K, Pollice C, Klump KL, Lilenfeld LR, Ganjei JK, Quadflieg N, Berrettini WH. Genetic analysis of bulimia nervosa: methods and sample description. *Int J Eat Disord* 2004 May;35(4):556-70.
- 28) Packer BR, Yeager M, Staats B, Welch R, Crenshaw A, Kiley M, Eckert A, Beerman M, Miller E, **Bergen A**, Rothman N, Strausberg R, Chanock SJ. SNP500Cancer: a public resource for sequence validation and assay development for genetic variation in candidate genes. *Nucleic Acids Res* 2004;32:D528-32.
- 29) Kaye WH, Bulik CM, Thornton L, Barbarich N, Masters K, the **Price Foundation Collaborative Group**. Comorbidity of anxiety disorders with anorexia and bulimia nervosa. *Am J Psychiatry*. 2004 Dec;161(12):2215-21.
- 30) Bacanu SA, Bulik CM, Klump KA, Fichter MM, Halmi KA, Keel P, Kaplan AS, Mitchell JE, Rotondo A, Strober M, Treasure J, Woodside DB, **Bergen AW**, Berrettini W, Kaye WH, Devlin BD. Linkage analysis of anorexia and bulimia nervosa cohorts using selected behavioral phenotypes as quantitative traits or covariates. *Am J Med Genet B Neuropsychiatr Genet* 2005 Nov 5;139B(1):61-68.
- 31) **Bergen AW**, Haque KA, Qi Y, Beerman MB, Garcia-Closas M, Rothman N, Chanock SJ. Comparison of yield and genotyping performance of multiple displacement amplification and Omniplex™ whole genome amplification from multiple DNA sources. *Hum Mutat* 2005;26:262-270.
- 32) **Bergen AW**, Qi Y, Haque K, Welch RA, Garcia-Closas M, Chanock SJ, Vaught J, Castle PE. Effects of electron-beam irradiation on whole genome amplification. *Cancer Epidemiol Biomarkers Prev* 2005 Apr;14(4):1016-9.
- 33) **Bergen AW**, Qi Y, Haque KA, Welch RA, Chanock SJ. Effects of DNA mass on multiple displacement whole genome amplification and genotyping performance. *BMC Biotechnol* 2005;5:24.
- 34) **Bergen AW**, Yeager M, Welch RA, Haque K, Ganjei JK, Mazzanti C, Nardi I, van den Bree MBM, Bacanu S-A, Fichter M, Halmi K, Kaplan A, Strober M, Treasure J, Woodside B, Bulik CM, Devlin B, Berrettini W, Goldman D and Kaye WH. Association of multiple DRD2 polymorphisms with anorexia nervosa. *Neuropsychopharmacology* 2005 Sep;30(9):1703-10.
- 35) Bhatti P, Sigurdson AJ, Wang SS, Chen J, Rothman N, Hartge P, **Bergen AW**, Landi MT. Genetic variation and willingness to participate in epidemiologic research: data from three

studies. *Cancer Epidemiol Biomarkers Prev* 2005 Oct;14(10):2449-53.

36) Bulik CM, Bacanu SA, Klump KA, Fichter MM, Halimi KA, Keel P, Kaplan AS, Mitchell JE, Rotondo A, Strober M, Treasure J, Woodside DB, **Bergen AW**, Berrrettini W, Devlin BD, Kaye WH. Selection of eating-disorders phenotypes for linkage analysis. *Am J Med Genet B Neuropsychiatr Genet* 2005 Nov 5;139B(1):81-87.

37) Hughes A, Packer B, Welch R, **Bergen AW**, Chanock SJ, Yeager M. Effects of natural selection on inter-population divergence at polymorphic sites in human protein-coding loci. *Genetics* 2005 Jul;170(3):1181-7.

38) Kerstann KF, Jacobs K, Yang R, **Bergen AW**, Goldin LR, Goldstein AM. Identification of susceptibility loci for complex diseases in a case-control association study using the GAW14 simulated dataset. *BMC Genet* 2005 Dec 30;6 Suppl 1:S102.

39) Landi MT, **Bergen AW**, Baccarelli A, Patterson DG Jr, Grassman J, Ter-Minassian M, Mocarelli P, Caporaso N, Masten SA, Pesatori AC, Pittman GS, Bell DA. CYP1A1 and CYP1B1 genotypes, haplotypes, and TCDD-induced gene expression in subjects from Seveso, Italy. *Toxicology* 2005 Feb 14;207(2):191-202.

40) Yang R, Beerman MB, **Bergen AW**, Parry DM, Sheridan E, Liebsch NJ, Kelley MJ, Chanock SJ, Goldstein AM. Corroboration of a familial chordoma locus on chromosome 7q and evidence of genetic heterogeneity using single nucleotide polymorphisms (SNPs). *Int J Cancer* 2005 Sep 1;116:487-491.

41) Yang R, Jacobs K, Kerstann KF, **Bergen AW**, Goldstein AM, Goldin LR. Linkage analysis of GAW14 simulated dataset with microsatellite and SNP markers in large pedigrees. *BMC Genet* 2005 Dec 30;6 Suppl 1:S14.

42) Sigurdson AJ, Ha M, Cosentino M, Franklin T, Haque KA, Qi Y, Glaser C, Reid Y, Vaught JB, **Bergen AW**. Long-term storage and recovery of buccal cell DNA from treated cards. *Cancer Epidemiol Biomarkers Prev* 2006 Feb;15(2):385-8.

43) Sansbury LB, **Bergen AW**, Wanke KL, Yu B, Caporaso NE, Chatterjee N, Ratnasinghe L, Schatzkin A, Lehman TA, Kalidindi A, Modali R, Lanza E. Inflammatory cytokine gene polymorphisms, nonsteroidal anti-inflammatory drug use, and risk of adenoma polyp recurrence in the polyp prevention trial. *Cancer Epidemiol Biomarkers Prev*. 2006 Mar;15(3):494-501.

44) Morton LM, Wang SS, **Bergen AW**, Chatterjee N, Kvale P, Welch R, Yeager M, Hayes RB, Chanock SJ, Caporaso NE. DRD2 genetic variation in relation to smoking and obesity in the Prostate, Lung, Colorectal, and Ovarian Cancer Screening Trial. *Pharmacogenet Genomics* 2006 Dec;16(12):901-10.

45) Moore LE, **Bergen AW**, Haque KA, Qi Y, Castle P, Chanock SJ, Egan K, Newcomb P, Titus-Ernstoff L, Alguacil J, Rothman N, Garcia-Closas M. Whole genome amplification of buccal cytobrush DNA collected for molecular epidemiology studies. *Biomarkers*. 2007 May-Jun;12(3):303-12.

- 46) Wang SS, Morton LM, **Bergen AW**, Lan EZ, Chatterjee N, Kvale P, Hayes RB, Chanock SJ, Caporaso NE. Genetic variation in catechol-O-methyltransferase (COMT) and obesity in the Prostate, Lung, Colorectal, and Ovarian (PLCO) cancer screening trial. *Hum Genet.* 2007;122:41-49.
- 47) **Bergen AW**, Baccarelli A, McDaniel TK, Kuhn K, Pfeiffer R, Kakol J, Bender P, Jacobs K, Packer B, Chanock SJ, Yeager M. cis sequence effects on gene expression. *BMC Genomics* 2007 Aug 29;8:296.
- 48) Yang XR, Kerstann KF, **Bergen AW**, Goldstein AM, Goldin LR. Linkage analysis of anti-CCP levels as dichotomized and quantitative traits using GAW15 single-nucleotide polymorphism scan of NARAC families. *BMC Proc.* 2007;1 Suppl 1:S107.
- 49) Fuemmeler BF, Agurs-Collins TD, McClernon FJ, Kollins SH, Kail ME, **Bergen AW**, Ashley-Koch AE. Genes implicated in serotonergic and dopamine functioning predict BMI categories. *Obesity (Silver Spring).* 2008 Feb;16(2):348-55.
- 50) Augustson EM, Wanke KL, Rogers S, **Bergen AW**, Chatterjee N, Synder K, Albanes D, Taylor PR, Caporaso NE. Predictors of sustained smoking cessation: a prospective analysis of chronic smokers from the Alpha-Tocopherol Beta-Carotene Cancer Prevention Study. *Am J Public Health.* 2008 Mar;98(3):549-55.
- 51) Landi MT, Dracheva T, Rotunno M, Figueroa JD, Liu H, Dasgupta A, Mann FE, Fukuoka J, Hames M, **Bergen AW**, Murphy SE, Yang P, Pesatori AC, Consonni D, Bertazzi PA, Wacholder S, Shih JH, Caporaso NE, Jen, J. Gene expression signature of cigarette smoking and its role in lung adenocarcinoma development and survival. *PLoS ONE* 2008 Feb 20;3(2):e1651. doi: 10.1371/journal.pone.0001651.
- 52) Murphy G, Sansbury LS, **Bergen AW**, Wang Z, Schatzkin A, Lehman T, Kalidindi A, Modali R, Lanza E. Polynucleotide kinase 3' phosphatase variant, dietary variables and risk of adenoma recurrence in the Polyp Prevention Trial. *Eur J Cancer Prev.* 2008 Jun;17(3):287-90. doi: 10.1097/CEJ.0b013e3282b6fdb8.
- 53) Landi MT, Consonni D, Rotunno M, **Bergen AW**, Goldstein AM, Lubin JH, Goldin L, Alavanja M, Morgan G, Subar AF, Linnoila I, Previdi F, Corno M, Rubagotti M, Marinelli B, Albetti B, Colombi A, Tucker M, Wacholder S, Pesatori AC, Caporaso NE, Bertazzi PA. Environment And Genetics in Lung cancer Etiology (EAGLE) study: an integrative population-based case-control study of lung cancer. *BMC Public Health* 2008;8:203. doi: 10.1186/1471-2458-8-203.
- 54) He Y, Jiang R, Fu W, **Bergen AW**, Swan GE, Jin L. Correlation of population parameters leading to power differences in association studies with population stratification. *Ann Hum Genet.* 2008 Nov;72(Pt 6):801-11. doi: 10.1111/j.1469-1809.2008.00465.x.
- 55) Conti DV, Lee W, Li D, Liu J, Van Den Berg D, Thomas PD, **Bergen AW**, Swan GE, Tyndale RF, Benowitz NL, Lerman C; for the Pharmacogenetics of Nicotine Addiction and Treatment Consortium. Nicotinic acetylcholine receptor beta2 subunit gene implicated in a systems-based candidate gene study of smoking cessation. *Hum Mol Genet.* 2008 Sep 15;17(18):2834-48. doi: 10.1093/hmg/ddn181.

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Biospecimen Related Data Submissions

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Bergen et al, 2012. Correlates of chronic stress and their influence on the development of substance use in a population-based cohort of young adults (OYSUP).
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https://www.ncbi.nlm.nih.gov/projects/gap/cgi-bin/study.cgi?study_id=phs000679.v1.p1

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Bergen et al, 2022. DMET Genes, Nicotine Metabolism and Prospective Abstinence;
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Invited Lectures, Oral and Virtual Presentations 2001-2022

- 1) “Lung Cancer Epidemiology”, George Washington University, Washington DC, Feb 7th, 2001.
- 2) “Psychiatric Disease Gene Discovery”, Cambridge Healthtech Institute, Genomic Partnering: Emerging and Early-Stage Companies, San Francisco, CA, Mar 3rd, 2001.
- 3) “Tobacco Dependence Genetics”, American Association for Cancer Research, New Orleans, LA, Mar 25th, 2001.
- 4) “Molecular Genetic Analysis of the Price Foundation Eating Disorder Datasets”, Western Psychiatric Institute and Clinic, University of Pittsburgh Medical Center, Pittsburgh, PA, May 10th, 2001.
- 5) “Molecular Genetic Analysis of Behavioral Phenotypes”, Karmanos Cancer Center, Detroit Medical Center, Wayne State University, Detroit, MI, Jun 5th, 2001.
- 6) “Candidate Gene Analysis in Anorexia Nervosa”, Johns Hopkins Hospital, Baltimore, MD, Oct 2nd, 2001.
- 7) “Molecular Genetic Analysis of the Price Foundation Eating Disorder Datasets”, Price Foundation Biennial Meeting, Albuquerque, New Mexico, Nov 28th, 2001.
- 8) “Association of Anorexia Nervosa with the Serotonin 1D and Delta Opioid Receptor Loci”, Eating Disorders Research Society Annual Meeting, Albuquerque, New Mexico, Nov 30th, 2001.
- 9) “Epidemiology of Lung Cancer and Tobacco Dependence”, George Washington University, Washington, DC, Feb 27th, 2002.
- 10) “Candidate Gene Analysis of Anorexia Nervosa”, Children’s Research Institute, National Children’s Medical Center, Washington, DC, Apr 16th, 2002.
- 11) “Dopamine D2 polymorphisms and Anorexia Nervosa”, Eating Disorder Research Society Annual Meeting, Charleston, South Carolina, Nov 23rd, 2002.
- 12) “Extending a Valuable Resource: Whole Genome Amplification”, Third Annual Meeting of the Cohort Consortium, Rockville, MD, Dec 17th, 2002.

- 13) "DNA Quantification and Whole Genome Amplification", Workshop on Specimen Processing for Molecular Epidemiology Studies, Rockville, MD, Feb 24th, 2003.
- 14) "Candidate genes for anorexia nervosa in the 1p33-36 linkage region: serotonin 1D and delta opioid receptor loci exhibit significant association to anorexia nervosa", Society for Biological Psychiatry Annual Meeting, San Francisco, CA, May 17th, 2003.
- 15) "Genomic technology development activities at the Core Genotyping Facility of the National Cancer Institute", GENE FORUM 2003, "50 Years of Double Helix", Tartu, Estonia, Sep 12th, 2003.
- 16) "Genomic technology development activities at the Core Genotyping Facility of the National Cancer Institute", Department of Medical Epidemiology and Biostatistics, Karolinska Institute, Stockholm, Sweden, Sep 15th, 2003.
- 17) "Indoleamine candidate gene association analysis in the Price Foundation Anorexia Nervosa Affected-Relative Pair Dataset", Eating Disorders Research Society Annual Meeting, Ravello, Italy, Nov 3rd, 2003.
- 18) "Analysis of DNA quantification data from biorepositories & the CGF", Biorepository Working Group, Division of Cancer Epidemiology and Genetics, Rockville, MD, Jan 29th, 2004.
- 19) "STRs, SNPs and Analysis", Molecular Epidemiology Course, DCEG, NCI, Rockville, MD, Feb 4th, 2004.
- 20) "Genomics at the Core Genotyping Facility, NCI", Tumor Biology Laboratory Meeting, Johns Hopkins Oncology Center, Jun 15th, 2004.
- 21) "Whole Genome Amplification", Division of Cancer Epidemiology and Genetics, NCI, Rockville, MD, Sep 2nd, 2004.
- 22) "Whole Genome Amplification", Workshop on Collection and Use of Genetic Information in the National Children's Study, Washington, DC, Sep 8th, 2004.
- 23) "Genotyping performance of whole genome amplified DNA derived from various genomic DNA templates", Satellite symposium on Whole Genome Amplification using Phi29 DNA Polymerase, Toronto, ON, Oct 28th, 2004.
- 24) "Candidate gene analysis in anorexia nervosa", Department of Psychiatry, University of Toronto, Toronto, ON, Oct 29th, 2004.
- 25) "Smoking cessation in the Alpha-Tocopherol, Beta-Carotene (ATBC) Cancer Prevention Study: associations with alcohol and tobacco consumption, medical history, and serotonin candidate genes", AACR Annual Meeting, Anaheim, CA, Apr 19th, 2005.
- 26) "Pleiotropy of a usual suspect: DRD2", Laboratory of Neurogenetics, NIAAA, Rockville, MD, Aug 18th, 2005.

- 27) "Association of DRD2 SNPs with Bulimia Nervosa", Eating Disorders Research Society Annual Meeting, Toronto, Ontario, Canada, Sep 30th, 2005.
- 28) "Price Foundation Ltd eating disorder dataset integration", Price Foundation Board Meeting, Bethesda, MD, Nov 14th, 2005.
- 29) "Genetic Epidemiology and Pleiotropy", Genetic Epidemiology Branch, NCI, Rockville, MD, Jan 31st, 2006.
- 30) "Genetic Epidemiology and Pleiotropy", Molecular Neurobiology Branch, Intramural Research Program, National Institute of Drug Abuse, Baltimore, MD, Feb 7th, 2006.
- 31) "DNA Pooling: Technology and Applications", Genetic Epidemiology Branch, NCI, Rockville, MD Feb 9th, 2006.
- 32) "Obesity Candidate Genes and SNP Selection", SNP-Biliary Meeting, Hormone Reproductive Endocrinology Branch, DCEG, Rockville, MD, Mar 3rd, 2006.
- 33) "Phylogenetic analysis of cis sequence effects on cancer gene transcription", AACR Annual Meeting, Washington DC, Apr 5th, 2006.
- 34) "Genetic epidemiology & pleiotropy", Center for Health Sciences, SRI International, Aug 7th, 2006.
- 35) "Inverse association of GAD2 variant alleles to overweight and obesity in the Polyp Prevention Trial", Laboratory of Cancer Prevention Research Meeting, Nov 8th, 2006.
- 36) "CYP2A6 Analysis", Biosciences Division Friday Seminar, SRI International, Menlo Park, CA, Mar 16th, 2007.
- 37) "Molecular Genetics Core", PNAT Investigators Meeting, UCSF Mission Bay Campus, Aug 7th, 2007.
- 38) "Genetic epidemiology of smoking cessation and the role of the biospecimen", CSP #519 Annual Meeting, San Diego, CA, Sep 20th, 2007.
- 39) "SRI Genetics Core – 2007", PNAT Investigators Meeting, SRI International, Menlo Park, Dec 14th, 2007.
- 40) "Functional Characterization of Genetic Variants in Nicotine Dependence", Interim Report to the SRI NIH Watering Hole Investment Fund, Menlo Park, CA, Jan 7th, 2008.
- 41) "Genetic epidemiology of nicotine dependence", SRNT Annual Meeting, Portland, OR, Feb 29th, 2008.
- 42) "SRI Genetics Core – 2007-2008", PNAT PI Meeting, UCSF Mission Bay, May 8th, 2008.

- 43) “Genetic epidemiology of nicotine dependence”, Behavior Genetics Association, Louisville, KY, Jun 27th, 2008.
- 44) “Genome-Wide and Candidate Gene Association Study of Cigarette Smoking Behaviors”, Genetics of Nicotine Dependence and Lung Cancer, webcast (NIDA), Feb 22nd, 2009.
- 45) “SRI Genetics Core – 2008-2009”, PNAT PI meeting, UCSF Mission Bay, May 22nd, 2009.
- 46) “Resequencing as a method of gene discovery”, Neuroscience Journal Club, SRI International, Menlo Park, Aug 26th, 2009.
- 47) “The Price Foundation studies, a resource for anorexia nervosa research”, World Congress on Psychiatric Genetics, San Diego, CA, Nov 6th, 2009.
- 48) “*CHRNA2* 3’ UTR SNPs and abstinence”, Data Blitz, Center for Health Sciences, Menlo Park, CA, Nov 12th, 2009.
- 49) “Pharmacodynamic genes, nicotine dependence and smoking cessation”, Pharmacogenetic Research Network Research in Progress Series, webcast (NIGMS), Mar 12th, 2010.
- 50) “Salivary biomarkers (DNA, RNA and cortisol), life stress and nicotine dependence”, Oregon Research Institute, Eugene, OR, Mar 15th, 2010.
- 51) “Functional candidate gene variation in association with nicotine dependence and smoking cessation”, Cancer Biology, Epidemiology and Policy Making for Tobacco and Alcohol Control, Nagoya, Japan, Mar 24th, 2010.
- 52) “Resequencing of Nicotinic Acetylcholine Receptor Genes and Association of Common and Rare Variants with Nicotine Dependence”, Data Blitz, Center for Health Sciences, SRI International, Menlo Park, CA, Apr 22nd, 2010.
- 53) “Metabolic SNPs and Nicotine and Cotinine Metabolism in Two Family Based Samples (PKFAM)”, Center for Health Sciences, SRI International, Menlo Park, CA, May 7th, 2010.
- 54) “Pharmacogenetics of Nicotine Addiction and Treatment: Pharmacodynamic Analyses”, National Institute on Drug Abuse Genetics Consortium Meeting, Rockville, MD, May 26th, 2010.
- 55) “PNAT1 Pharmacodynamic Candidate Gene Analyses – Past and Future”, PNAT Investigators Meeting, Philadelphia, Sep 1st, 2010.
- 56) “Resequencing of Nicotinic Acetylcholine Receptor Genes and Association of Common and Rare Variants with Nicotine Dependence”, SRNT Europe, Bath, UK, Sep 7th, 2010.
- 57) “Protocols for Analysis of Whole Saliva Gene Expression”, 4th Annual Biospecimen Research Network (BRN) Symposium: Advancing Cancer Research Through Biospecimen Science, Bethesda, MD, Mar 28th, 2011.

- 58) “Molecular Genetics Program Biomarker Research”, Biosciences Division Friday Seminar and Center for Health Sciences Datablitz Seminar, SRI International, Menlo Park, CA, Sep 2nd and 22nd, 2011.
- 59) “Pharmacogenetics of Nicotine Addiction Treatment”, Lieber Institute for Brain Development, Johns Hopkins Hospital, Baltimore, MD, Jan 3rd, 2012.
- 60) “CHRNA2, CHRNA5 AND CHRNA3 SNPs and Abstinence in Treatment-Seeking Smokers”, SRNT Annual Meeting, Houston, TX, Mar 14th, 2012.
- 61) “Novel approaches to identify genes involved in nicotine metabolism”, SRNT Annual Meeting, Houston, TX, Mar 16th, 2012.
- 62) “nAChR SNPs and Prospective Abstinence, STOMP, and DMET Gene Discovery”, NIDA Genetics Consortium Biannual Meeting (via WebEx), Rockville, MD, Jun 5th, 2012.
- 63) “Genomic knowledge and statistical methodological development for gene discovery in the context of the Price Foundation sponsored collection and analysis of eating disorder patients, family members and controls - a geneticist’s perspective”, Eating Disorders Research Society 18th Annual Meeting, Porto, Portugal, Sep 22nd, 2012.
- 64) “Novel targets for smoking cessation therapeutic development, 2012-2013”, Biomarker Value Creation Forum, Menlo Park, CA (via WebEx), Dec 14th, 2012.
- 65) “Nicotinic acetylcholine receptor variation and response to smoking cessation therapies”, Pharmacogenetics of Nicotine Addiction Treatment PI Meeting (via telephone), Dec 8th, 2012.
- 66) Symposium Discussant, “Bench to bedside: translation of basic, pre-clinical and –omics-based discovery to prevention and treatment of smoking and smoking related disease”, Society for Research on Nicotine and Tobacco Annual Meeting, Boston, MA, Mar 16th, 2013.
- 67) “Analyses of individual participant factors and abstinence in randomized clinical trials of smoking cessation therapies”, NIDA Nicotine Genetics Consortium Meeting, Rockville, MD, May 29th, 2013.
- 68) “Pharmacogenetics of smoking cessation: pharmacodynamic and pharmacokinetic candidate gene studies motivated by genome-wide association and linkage”, Cancer Prevention Grand Rounds, The University of Texas MD Anderson Cancer Center, Houston, TX, November 7th, 2013.
- 69) “The Genetics of Tobacco Addiction – It’s Not a Matter of Choice”, Tobacco and Disease: The Fourth Annual Lung Cancer Symposium, Winthrop P. Rockefeller Cancer Institute, University of Arkansas, Little Rock, AR, Nov 8th, 2013.
- 70) “E-cigarettes – Way Out or Way In?”, with Dr. Thaddeus Bartter, Tobacco and Disease: The Fourth Annual Lung Cancer Symposium, Winthrop P. Rockefeller Cancer Institute, University of Arkansas, Little Rock, AR, Nov 8th, 2013.

- 71) “Pharmacogenetics of smoking cessation: pharmacodynamic and pharmacokinetic candidate gene studies motivated by genome-wide association and linkage”, Molecular Psychiatry Association Meeting, San Francisco, CA, Nov 10th, 2013.
- 72) “Smoking Cessation: Meta-analyses of Randomized Controlled Trials of Smoking Cessation Therapies”, NIDA Pharmacogenomics of Smoking Cessation Webinar, Nov 19th, 2013.
- 73) “Smoking Cessation: Meta-analyses of Randomized Controlled Trials of Smoking Cessation Therapies”, Society of Research on Nicotine and Tobacco Annual Meeting, Seattle, WA, Feb 5th, 2014.
- 74) “Candidate gene studies of smoking cessation - increasing impact, reducing limitations”, SRNT-Europe Genetics Workshop, Society of Research on Nicotine and Tobacco Europe Annual Meeting Preconference Workshop, Santiago de Compostela, Galicia, Spain, Sep 18th, 2014.
- 75) “Drug Metabolizing Enzyme and Transporter Gene Variation, Nicotine Metabolism, and Cigarette Consumption”, Society of Research on Nicotine and Tobacco Europe Annual Meeting, Santiago de Compostela, Galicia, Spain, Sep 19th, 2014.
- 76) “Genetic Analysis of Treatment Response”, Society of Research on Nicotine and Tobacco Genetics and Treatment Networks Webinar on Genetics and Personalized Smoking Cessation Treatment, Nov 13th, 2014.
- 77) “Tobacco Research: from Nicotine Dependence to Treatment Response through Pharmacogenetics”, University of Pennsylvania Institute for Translational Medicine and Therapeutics, Philadelphia, PA, Mar 3rd, 2015.
- 78) “Tobacco Research: from Nicotine Dependence to Treatment Response through Pharmacogenetics”, Biosciences Division, SRI International, Menlo Park, CA, Apr 10th, 2015.
- 79) “Tobacco Research: from Nicotine Dependence to Treatment Response through Pharmacogenetics”, Biosciences & Biotechnology Division Seminar, Lawrence Livermore National Laboratory, Livermore, CA, May 28th, 2015.
- 80) “Modeling Tobacco Exposures including the Role of Nicotine Metabolic Enzymes,” World Congress of Psychiatric Genetics, Toronto, ON, Oct 18th, 2015.
- 81) “Some Tobacco Projects”, Tobacco Working Group, Division of Cancer Epidemiology and Genetics, National Cancer Institute, Shady Grove, MD, Oct 21st, 2015
- 82) “The Dangers of Tobacco and the Benefits of Cessation”, Rector’s Conference, The Catholic University of America, Washington, DC, Oct 26th, 2015.
- 83) “Translational Genomics: from Discovery to Treatment Biomarkers”, Genetic Epidemiology Branch Meeting, Shady Grove, MD, Jan 14th, 2016.

- 84) “Incorporating Genomics Data into Treatment Research: Consensus Approaches, Genome-wide Analyses, and Prospects for Translation”, Society for Research on Nicotine and Tobacco Annual Meeting, Chicago, IL, Mar 4th, 2016.
- 85) “Translational Genomics: from Discovery to Treatment Biomarkers”, Cancer Prevention and Control Grand Rounds, Division of Cancer Prevention and Population Sciences, MD Anderson Cancer Center, University of Texas, Houston, TX, Apr 29th, 2016.
- 86) “Nicotine metabolism genomics: discovery to treatment”, NIDA Genetics Consortium Biannual Meeting (via WebEx), Rockville, MD, Jun 20th, 2016.
- 87) “Translational Genomics for Smoking Cessation and for Burkitt Lymphoma”, Epidemiology Seminar, Division of Cancer Prevention and Population Sciences, MD Anderson Cancer Center, University of Texas, Houston, TX, Aug 17th, 2016.
- 88) “Present and future research and integration into the pharmaceutical sciences”, Department of Pharmaceutical Sciences Faculty Search Committee, The State University of New York, Binghamton (via Web-Ex), Sep 7th, 2016.
- 89) “Smokescreen Translational Analysis Platform: Prediction of Nicotine Metabolism and Smoking Cessation”, NIDA Genetics Consortium Biannual Meeting, Rockville, MD, Dec 1st, 2016.
- 90) “EMBLEM: Burkitt Lymphoma, malaria and genomic structure”, Infections and Immunoepidemiology Branch, Division of Cancer Epidemiology and Genetics, National Cancer Institute, Shady Grove, MD, May 30th, 2017.
- 91) “Discovery and Translational Genomics of Eating Disorders and Smoking Cessation”, Oregon Research Institute, Eugene, OR, Jul 12th, 2017.
- 92) “Translational Genomics of Smoking, Nicotine Metabolism and Smoking Cessation”, Westat Seminar Series on Biostatistics and Epidemiology, Westat, Rockville, MD, Oct 31st, 2017.
- 93) “State of the science of genetically-informed tobacco treatment biomarker research and development”, in the Genetics Network Symposium “Translating Genetic Research into Clinical Practice for Precision Medicine”, SRNT Annual Meeting, Baltimore, MD, Feb 22nd, 2018.
- 94) “Genomics of nicotine dependence and translational research”, Tobacco Control Research Branch, National Cancer Institute (via Web-Ex), May 16th, 2018.
- 95) “SRNT Genetics and Omics & Basic Science Networks Present a Joint Webinar & Panel Discussion on GSCAN”, SRNT webinar (via Web-Ex), Sep 11th, 2018.
- 96) “Epigenetics: Biochemistry, Development and Prediction of Biological Age”, Clinical Research Symposium, Slocum Center for Orthopedics and Sports Medicine, Eugene, OR, Oct 30th, 2018.

- 97) “Opioids and Pain Cluster”, Oregon Research Institute 2018 Scientist Retreat, Eugene, OR, Nov 9th, 2018
- 98) “The Current Opioid Epidemic: Origins, Risks, Responses”, Adult Forum, St Albans Church, Washington DC, Nov 18th, 2018.
- 99) “Discovery and Translation” in “Implementing precision medicine in smoking cessation: patients, providers, policy, and more”, SRNT 2019 Pre-conference Workshop, San Francisco, CA, Feb 20th, 2019.
- 100) “Genomic Prediction of Nicotine Metabolites”, Doctoral Colloquium, College of Public Health, New York University, New York, NY, Apr 18th, 2019.
- 101) “Gene Expression and Translation”, Science Hour, Oregon Research Institute, Eugene, OR, Oct 2nd, 2019.
- 102) “Buprenorphine Treatment of Opioid Dependence: Analysis of Individual Patient Data”, ORI Fall Retreat, Oregon Research Institute, Eugene, OR, Oct 7th, 2019.
- 103) “Buprenorphine dose and physician, clinic and patient engagement in the treatment of opioid dependence”, College on Problems of Drug Dependence Annual Meeting (virtual), Jun 22nd, 2020.
- 104) “Genomic models of nicotine biomarkers”, Oregon Research Institute Science Hour (virtual), Jan 6th, 2021.
- 105) “Development and Translation of Genomic Algorithms for Nicotine Biomarkers”, SRNT 2021 (virtual), Feb 27th, 2021.
- 106) “Multiethnic Prediction of Nicotine Biomarkers and Associations with Nicotine Dependence”, NIDA Genetics and Epigenetics Meeting (virtual), Mar 8th, 2021.
- 107) “Multiethnic Prediction of Nicotine Biomarkers and Associations with Nicotine Dependence”, College on Problems of Drug Dependence Annual Meeting (virtual), Jun 22nd, 2021.
- 108) “Predicted nicotine biomarkers and translational research in multiethnic populations”, C3I Implementation Working Group (virtual), Feb 4th, 2022.
- 109) “Predicted nicotine biomarkers and translational research in multiethnic populations”, Oregon Research Institute Science Hour (virtual), Feb 7th, 2022.
- 110) “Predicted NMR in VUMC RCT Participants”, Tindle Research Group, Vanderbilt University (virtual), March 4th, 2022.
- 111) “Predicted nicotine biomarkers and translational research in multiethnic populations”, in the SRNT 2022 Genetics and Omics Network Symposium “Tobacco Use Genomics in Multi-Ancestry Populations Emphasizing Diversity to Reduce Health Disparities”, Baltimore, MD Mar 18th, 2022.

112) "Predicted nicotine biomarkers and translational research in multiethnic populations", NIDA Genetics and Epigenetics Meeting (virtual), April 27th, 2022.