Faculty of Medicine of Harvard University
Curriculum Vitae

Date Prepared:	July 19, 2018
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Education:

1998	AB, cum laude	Biochemical Sciences	Harvard College
2006	MPH	Health Behavior/Health Education Interdepartmental Concentration in Public Health Genetics (advisor: Victor J. Strecher, PhD)	University of Michigan School of Public Health
2012	PhD	Health Behavior/Health Education (advisor & dissertation chair: J. Scott Roberts, PhD)	University of Michigan

Postdoctoral Training:

08/12-05/15	Postdoctoral Research Fellow	Department of Medicine, Division of Genetics (Lab PI: Robert C. Green, MD, MPH)	Brigham and Women's Hospital and Harvard Medical School

Faculty Academic Appointments:

05/15-	Instructor	Division of Genetics, Department of Medicine	Harvard Medical School

Other Professional Positions:

2005-2006	Student Assistant	Center for Public Health and Community Genomics
2005-2007	Intern / Fellow	Genetic Alliance

Committee Service:

Local

2008-2009	Doctoral Student Health Research Symposium, planning committee	University of Michigan School of Public Health
2009-2010	"The Ethical, Legal and Social Implications of Personal Genomics" interdepartmental seminar series, planning committee and student committee	University of Michigan
2009-2010	Doctoral Student Curriculum Committee, Department of Health Behavior and Health Education, doctoral student representative	University of Michigan School of Public Health
2012-2013	Translational Genomics Clinical Research in Progress Meetings, participant and presenter	Brigham and Women's Hospital
2014-2017	Econogenomics Working Group, chair	Brigham and Women's Hospital

National

2012-2017	Clinical Sequencing Exploratory Research (CSER) Consortium	Outcomes and Measures Working Group
		Actionability and Return of Results Working Group
2014-	Electronic Medical Records and Genomics (eMERGE) Network	Outcomes Workgroup
		Survey Development subcommittee
		Familial Implications Workgroup

Professional Societies

2008-	American Public Health Association (APHA)	
2008-	Alzheimer's Association International Society to Advance Alzheimer Research and Treatment (ISTAART)	
2009-2012	Gerontological Society of America (GSA)	
2010-2012	Michigan Public Health Association (MPHA)	
2012-	American Society of Human Genetics (ASHG)	
2016-	Society of Medical Decision Making (SMDM)	
2017-	International Society for Pharmacoeconomics and Outcomes Research (ISPOR)	Member, Abstract Selection Committee Member, Boston Regional Chapter

Editorial Activities

Ad hoc Reviewer

Alzheimer's and Dementia
Alzheimer's Disease and Associated Disorders
BMJ Open
BMC Medical Genetics
European Journal of Human Genetics
Genetics in Medicine
Genetic Testing and Molecular Biomarkers
Genome Medicine
Genomic Medicine
Genomics, Society and Policy
Health Affairs
Health Behavior and Education
Health Expectations
Journal of Community Genetics
Journal of Health Communication
Journal of the American Medical Association
Personalized Medicine
Southern Medical Journal
Translational Behavioral Medicine

Other Editorial Roles

2018	Guest/Section Editor	Journal of Personalized Medicine

Honors and Prizes

1998	Sydney Matz Memorial Prize	Eliot House, Harvard College	Contribution to Student Life
2004-2005	Tuition Assistance Scholarship	University of Michigan School of Public Health	
2005	Department of Health Behavior and Health Education Poster Prize	University of Michigan School of Public Health	
2005	Public Health Genetics Interdepartmental Concentration Summer Internship Grant	University of Michigan School of Public Health	

2006-2012	Rackham Merit Fellowship	University of Michigan School of Public Health
2008	ISR Award to attend the Interuniversity Consortium for Political and Social Research (ICPSR) Summer Program	University of Michigan School of Public Health
2008	Department of Health Behavior and Health Education fellowship	University of Michigan School of Public Health
2009 & 2011	Rackham Travel Grant	University of Michigan
2011	Department of Health Behavior and Health Education Student/Faculty Writing Award	University of Michigan School of Public Health
2016	ACMG Annual Meeting Top Poster Prize	American College of Medical Genetics and Genomics
2016	Chair's Research Award	Brigham and Women's Hospital, Department of Medicine

Report of Funded and Unfunded Projects

Funding Information:

Past

2005-2007 Sperm Banking Experience Study
Children's Leukemia Foundation of Michigan / Rackham Graduate School
PI ($2,500 / $1,500)
The goal of this focus group study was to document the experiences of men who attempted semen cryopreservation through the Fertility Counseling and Gamete Cryopreservation Program (FCGCP) at the University of Michigan Comprehensive Cancer Center after a cancer diagnosis.

2006-2014 The REVEAL Study: Genetic Risk Evaluation and Education for Alzheimer's Disease (REVEAL I, II, III, IV)
NIH/NHGRI R01-HG002213 (R. C. Green, PI)
Co-investigator
The goal of this project was to assess the impact of disclosing genetic risk information about Alzheimer's disease, including strategies for streamlining counseling, education and disclosure, the effects of disclosing secondary findings, and the impact of disclosure on individuals with mild cognitive impairment.

2007-2009 Returning Individual Genetic Test Results to Research Participants in the Genetics, Environment and Melanoma (GEM) Study

University of Michigan Clinical/Translational Resource Allocation Committee Program/ University of Michigan Ethics in Public Life Program (J. S. Roberts, PI)

Co-Investigator

The goal of this pilot project was to develop and evaluate a protocol for returning genetic research results to participants of a large, international, population-based study on melanoma susceptibility.

2008-2011 Communicating Diagnostic and Risk Information in Mild Cognitive Impairment

Alzheimer's Association: Investigator-Initiated Grant, RG-07-58189 (J.S. Roberts, PI)

Co-Investigator

The goal of this project was to develop and evaluate a risk communication protocol for patients with mild cognitive impairment and their family members.

2009-2011 The Impact of Family History and Genomics Based Risk Profiling on Primary Care

NIH/NIDDK U34 DK084542-01 (J. S. Roberts, PI)

Co-Investigator

The goal of this planning grant involving multiple research institutions was to prepare a protocol that would examine the efficacy of a tailored, web-based skills training program teaching primary care providers how to interpret and communicate genomic risk information; and explore psychological and behavioral effects of providing patients with personalized genomic risk information for five common diseases.

2010-2013 Impact of Direct-to-Consumer Genetic Testing

National Human Genome Research Institute, R01-HG005092
(R. C. Green and J. S. Roberts, Joint PIs)

Co-Investigator

The goal of this project was to utilize on-line surveys to assess the impact of DTC testing on consumers who utilize the services of 23andMe and Pathway Genomics.

2011 The Impact of Learning about APOE-Coronary Artery Disease Associations during Genetic Risk Assessment for Alzheimer's Disease: A Qualitative Analysis

Rackham Graduate Student Research Grant

PI ($3,000)

The goal of this study was to use recordings of disclosure sessions from the third REVEAL Study trial to develop a conceptual model that describes psychological responses to learning pleiotropic risk information during a genetic risk assessment for Alzheimer's disease.

2011-2015 Returning Research Results in Children: Parental Preferences and Expert Oversight

NIH/NHGRI, R01-HG006615 (I. A. Holm, PI)

Co-Investigator

The goal of this project was to examine the opinions and choices of parents whose children are enrolled in a research biobank with regard to return of research results.

2011-2017 Integration of Whole Genome Sequencing into Clinical Medicine (The MedSeq Project)
NIH/NHGRI U01-HG006500 (R. C. Green, PI)
Co-Investigator
This project explores the application of genomic sequence data to the care of patients within an active clinical setting. We are randomizing primary care and cardiology patients to receive clinical information derived from whole genome sequencing versus current standard of care.

2012-2014 Incidental Finding Preferences in Whole Genome Sequencing: A Randomized Trial
NIH/NHGRI F32-HG006993
PI ($103,744)
The goal of this study is to understand how different types of incidental findings from genomic sequencing may affect the interactions between primary care providers and their patients.

Current

2013-2018 Genome Sequence-Based Screening for Childhood Risk and Newborn Illness (The BabySeq Project)
NIH/NICHD U19-HD077671 (R. C. Green, A. H. Beggs, multi-PIs)
Co-Investigator
The goal of this project is to develop a process for analyzing and reporting the results of genome sequencing in the newborn period.

2015-2019 eMERGE Phase III Clinical Center at Partners HealthCare
NIH/NHGRI U01-HG008685 (S.T. Weiss, E.W. Karlson, S.N. Murphy, J.W. Smoller, mPIs)
Co-Investigator
The eMERGE III Clinical Center leverages a large biobank and rich EMR to define the phenotypic impact of mutations emerging from sequencing. It then returns actionable results to biobank participants, including variants associated with familial hypercholesterolemia as part of a randomized controlled clinical trial.

2016-2021 Cost-effectiveness of Whole Genome Sequencing of Healthy Adults
NIH/NHGRI K01-HG009173
PI ($628,704)
The central goal of this research is to determine the cost-effectiveness of integrating whole genome sequencing into the care of healthy adults. One project will assess the health impact and cumulative healthcare costs of whole genome sequencing five years after participants of a randomized controlled trial received results. A second project will extend these analyses over patients' lifetimes using decision analytic models. Findings will inform development of clinical guidelines and reimbursement strategies to accelerate the integration of sequencing into medical care.

2017-2019 MilSeq: Enabling Personalized Medicine through Exome Sequencing in the U.S. Air Force
DOD FA8650-17-2-6704 (R. C. Green, PI)
Co-Investigator
The goal of this project is to test a pilot protocol for integrating genomic sequencing into the care of active duty airmen.

2017-2022 Precision Medicine Policy and Treatment (PreEMPT) Model
NIH/NICHD R01-HD090019 (A. C. Wu, PI)
Co-Investigator
This goal of this grant is to develop a detailed computer microsimulation model capable of simulating the clinical benefits, potential risks, and cost consequences associated with the integration of different genomic sequencing screening strategies into clinical care.

Submitted

2018-2021 Experiences and Outcomes in Early Adopters of Predispositional Sequencing
NIH/NHGRI (R. C. Green, PI)
Co-Principal Investigator
The objective of the proposed research is to aggregate data from, and assess the value of, personal predispositional genome sequencing among participants in present day projects focused on sequencing apparently healthy individuals.

2019-2023 Longitudinal Follow-Up in a Randomized Controlled Trial of DNA Sequencing in Newborns
NIH/NICHD and NHGRI (R. C. Green, PI)
(R. C. Green, PI)
Co-Investigator
The overall goal of the proposed research is to rigorously examine the medical, behavioral, and economic impact of providing genomic sequencing to newborns from birth through early childhood using a randomized controlled clinical trial.

2019-2024 Return of Genomic Results and Estimating Penetrance in Population-Based Cohorts
NIH/NHLBI (R. C. Green, PI)
Co-Investigator
The overall goal of the proposed research is to develop and implement a genomic return of result process in the Framingham Heart Study and Jackson Heart Study cohorts and explore associated medical, behavioral and economic outcomes. They will also develop ways to automate and streamline genomic variant interpretation at scale, and develop analyses to aid assessment of penetrance

Report of Local Teaching and Training

Teaching of Students in Courses

2006	Critical Moments in Health Behavior and Health Education MPH students	University of Michigan School of Public Health Single guest-lecture
2007	Health Care Decision Making: Theory and Research Methods Master's and PhD students	University of Michigan School of Nursing Facilitated single 3-hr discussion
2008 & 2010	Genetics, Health Behavior, & Health Education MPH and PhD students	University of Michigan School of Public Health Guest-lecture (x 3)

2008	Doctoral Seminar in Health Behavior and Health Education. PhD students	University of Michigan School of Public Health Facilitated single 3-hr discussion
2009 & 2011	Psychosocial Factors in Health-Related Behavior MPH students	University of Michigan School of Public Health Head graduate student instructor: 20hrs/week for 4 months including grading, advising and some lecturing
2015	Biology Colloquium Undergraduates	Rhode Island College Guest-lecture
2017	Advanced Human Genetics Seminar Clinical and research fellows	Brigham and Women's Hospital Single 2-hr lecture
2017	Personal Genomics and Medicine Undergraduates	Cornell University Guest-lecture

Formally Mentored Harvard Medical, Dental, and Graduate Students

2017-2018 Rhian Evans, HMS Master of Bioethics Student, Class of 2018.
Currently conducting capstone research under my mentorship to examine the clinical utility of whole genome sequencing in healthy populations.

Other Mentored Trainees Trainees and Faculty

2007-2008 Kathryn Hock, MS, CGC / Genetic Counselor, Wayne State University School of Medicine.
Career stage: master's student. Mentoring role: Thesis committee member. Accomplishments: oral presentation at National Society of Genetic Counselors Annual Meeting, first-author publication in Genetics in Medicine

2008-2009 Jessica Long, MS, CGC / Genetic Counselor, Abramson Cancer Center.
Career stage: master's student. Mentoring role: Thesis committee member. Accomplishments: oral presentation at National Society of Genetic Counselors Annual Meeting

2010-2011 Barbara Hamlington, MS, CGC / Genetic Counselor, Rocky Mountain Cancer Centers.
Career stage: master's student. Mentoring role: thesis committee member. Accomplishments: oral presentation at National Society of Genetic Counselors Annual Meeting

2010-2011 Rebecca Frysinger Clark, MS, CGC / Genetic Counselor, Casey Eye Institute, Oregon Health & Science University. Career stage: master's student. Mentoring role: thesis committee member. Accomplishments: oral presentation at National Society of Genetic Counselors Annual Meeting

2014-2015	Natalie Baptista, BSc (Hons) / Medical Student, Griffith University School of Medicine. Career stage: medical student. Mentoring role: academic mentor. Accomplishments: first-author publication in Genetics in Medicine
2014-2015	Liam Conway-Pearson, BA / Medical Student, Boston University School of Medicine. Career stage: undergraduate. Mentoring role: internship mentor. Accomplishments: first-author publication in Genetics in Medicine
2015-2016	Yue Guan, ScM, PhD / Research Fellow and Genetic Counselor, University of Maryland School of Medicine. Career stage: doctoral student. Mentoring role: Oversaw research publications from dissertation data. Accomplishments: poster presentation at the American College of Medical Genetics and Genomics Annual Meeting, first-author publication in Patient Education and Counseling
2017-	Ally Hempel / Emmanuel College. Career stage: undergraduate. Mentoring role: internship mentor.
2018-	Zoe Mackay, BS / Medical Student, Boston University School of Medicine. Career stage: medical student. Mentoring role: mentor for ACMG Foundation funded Summer Genetics Scholar Program
2018-	Katherine Rosen / Northeastern College. Career stage: undergraduate. Mentoring role: internship mentor

Report of Regional, National and International Invited Teaching and Presentations

No presentations below were sponsored by outside entities

Regional

2016	MedSeq Project update: costs and outcomes of integrating whole genome sequencing into cardiology care Molecular and Population Genomics Program of the Broad Institute at MIT and Harvard Cambridge, MA

Oral Abstracts

2009	Implementation and impact of a protocol to disclose individual genetic information to research participants University of Michigan Bioethics Colloquium Ann Arbor, MI

National

2016	Highlights from the MedSeq Project. Healthcare and economic outcomes among primary care patients Clinical Sequencing Exploratory Research Consortium meeting Seattle, WA
2016	Summary of NHGRI August 2016 Payers Meeting Clinical Sequencing Exploratory Research Consortium meeting Bethesda, MD
2016	Managing secondary genomic findings Festival of Genomics Boston, MA
2017	The impact of integrating genome sequencing into the care of healthy patients Cornell Center for Comparative and Population Genomics seminar Ithaca, NY
2017	Clinician Bake Off update Clinical Sequencing Exploratory Research Consortium meeting Bethesda, MD
2017	Is genomic sequencing worth the costs? American College of Medical Genetics Annual Meeting Phoenix, AZ
2017	Short-term costs of whole genome sequencing in cardiology and primary care: findings from the MedSeq Project NHGRI Trainee Meeting St. Louis, MO
2017	What REVEAL and MedSeq tell us about the future of precision medicine American Academy of Neurology Annual Meeting Boston, MA
2017	Cost analyses of genomic sequencing in healthy and sick populations Newborn Sequencing in Genomic Medicine and Public Health Steering Committee Teleconference
2017	Short-term costs of integrating whole genome sequencing into cardiology and primary care World Precision Medicine Congress Washington, DC
2018	Medically reportable outcomes and cost implications of newborn sequencing in the BabySeq project Frontiers in Pediatric Genomic Medicine Conference La Jolla, CA
2018	The science of surveys: Interactive session on the foundations of survey design and implementation to improve genetic counselor research and clinical practice. National Society of Genetic Counselors Annual Meeting Atlanta, GA

Oral Abstracts

2009	Black and white Americans' understandings of genetics American Public Health Association Annual Meeting Philadelphia, PA
2010	Genetic Susceptibility Testing for Individuals at Risk for Alzheimer's Disease: Findings from the REVEAL Study Gerontological Society of America Annual Meeting Atlanta, GA
2010	How does pleiotropic information affect health behavior changes? Initial results from the REVEAL Study, a randomized trial of genetic testing for Alzheimer's disease risk American College of Medical Genetics Annual Meeting Albuquerque, NM
2010	Perceived personal utility of Alzheimer's disease genetic susceptibility testing and its influence on post-test responses: findings from the REVEAL Study Communications, Medicine and Ethics Conference Boston, MA
2012	Changes to control perceptions following disclosure of APOE-coronary artery disease associations during genetic susceptibility testing for Alzheimer's disease: Findings from the REVEAL Study American Society of Human Genetics Annual Meeting San Francisco, CA
2013	Short-term psychological benefits to consumer genetic testing: findings from the PGen Study American Public Health Association Annual Meeting Boston, MA
2014	Patient perceptions about the utility of family history review during whole genome sequencing: initial findings from the MedSeq Study American Society of Human Genetics Annual Meeting San Diego, CA
2015	Responses of primary care physicians to unsolicited secondary findings about Lynch syndrome American Society of Human Genetics Annual Meeting Baltimore, MD
2015	Short-term costs of integrating genome sequencing into clinical care: preliminary results from the MedSeq Project American Society of Human Genetics Annual Meeting Baltimore, MD
2018	Impact of Disclosing Genetic Risk for Alzheimer's Disease to Patients With Mild Memory Problems Gerontological Society of America's 2018 Annual Scientific Meeting Boston, MA

International

Oral Abstracts

2010	The psychological impact of learning APOE ε4 increases the risk for cardiovascular disease during genetic risk assessment for Alzheimer's disease: findings from the REVEAL Study International Conference on Alzheimer's Disease Honolulu, HI
2013	The psychological impact of genetic risk information on individuals with mild cognitive impairment at imminent risk for conversion to Alzheimer's disease dementia: findings from the REVEAL Study Alzheimer's Association International Conference Boston, MA
2014	What is the long-term emotional and behavioral impact of genetic risk assessment for Alzheimer's disease? Findings from the REVEAL Study Alzheimer's Association International Conference Copenhagen, Denmark

Report of Education of Patients and Service to the Community

Those presentations below sponsored by outside entities are so noted and the sponsors are identified.

Educational Material for Patients and the Lay Community

Patent Educational Material

2005-2006	Preparing for Your Future	Co-manager	Patient education CD-ROM funded by the Lance Armstrong Foundation to prepare adolescent cancer patients for semen cryopreservation.
2005-2006	Understanding Genetics	Co-project director	Manual funded by the Washington, DC Department of Health in collaboration with NIH to educate patients and providers about genetics.

Report of Scholarship

Research Investigations

1. Harvey EK, Fogel CE, Peyrot M, **Christensen KD**, Terry SF, McInerney JD. Providers' knowledge of genetics: A survey of 5915 individuals and families with genetic conditions. Genet Med. 2007;9:259-67. PMID:17505202. doi:10.1097GIM.0b013e31805002f2
2. **Christensen KD**, Roberts JS, Royal CDM, Fasaye, GA, Obisesan T, Cupples LA, Whitehouse PJ, Butson MB, Linnenbringer E, Relkin NR, Farrer L, Cook-Deegan R, Green RC. Incorporating ethnicity into genetic risk assessment for Alzheimer disease: the REVEAL Study experience. Genet Med. 2008;10:20714. PMID:18344711. doi:10.1097/GIM.0b013e318164e4cf

3. **Christensen KD**, Jayaratne TE, Roberts JS, Kardia SLR, Petty EM. Understandings of basic genetics in the United States: results from a national survey of black and white men and women. Public Health Genomics. 2010;13:467-76. PMID:20203477. doi:10.1159/000293287

4. **Christensen KD**, Roberts JS, Shalowitz DI, Everett JN, Kim SYH, Raskin L, Gruber SB. Disclosing individual CDKN2A research results to melanoma survivors: interest, impact, and demands on researchers. Cancer Epidemiol Biomarkers Prev. 2011;20:522-9. PMID:21307304. doi:0.1158/1055-9965.EPI-10-1045

5. Hock KT**, **Christensen KD**, Yashar BM, Roberts JS, Gollust SE, Uhlmann WR. Direct-to-consumer genetic testing: an assessment of genetic counselors' knowledge and beliefs. Genet Med. 2011;13: 32532. PMID:21233722. doi:10.1097/GIM.0b013e3182011636

6. **Christensen KD**, Roberts JS, Uhlmann WR, Green RC. Changes to perceptions of the pros and cons of genetic susceptibility testing after APOE genotyping for Alzheimer disease risk. Genet Med. 2011;13:409-14. PMID:21270636. doi:10.1097/GIM.0b013e3182076bf1

7. Terry SF, **Christensen KD**, Metosky S, Rudofsky G, Deignan KP, Martinez H, Johnson-Moore P, Citrin T. Community engagement about genetic variation research. Popul Health Manag. 2012;15:78-89. PMID:21815821. doi:10.1089/pop.2011.0013

8. Vassy JL, Lautenbach DM, McLaughlin HM, Kong SW, **Christensen KD**, Krier JB, Kohane IS, Feuerman LZ, Blumenthal-Barby JS, Roberts JS, Lehmann LS, Ho CY, MacRae CA, Seidman CE, Murray MF, McGuire AL, Rehm HL, Green RC. The MedSeq Project: A randomized trial of integrating whole genome sequencing into clinical medicine. Trials. 2014;15:85. PMID:24645908. doi:10.1186/1745-6215-15-85

9. McLaughlin HM, Ceyhan-Birsoy O, **Christensen KD**, Kohane IS, Krier J, Lane WJ, Lautenbach D, Lebo MS, Machini K, MacRae C, Azzariti DR, Murray M, Seidman CE, Vassy JL, Green RC, Rehm HL. A systematic approach to the reporting of medically relevant findings from whole genome sequencing. BMC Med Genet. 2014;15:134. PMID:25714468. doi:10.1186/s12881-014-0134-1

10. Vassy JL, **Christensen KD**, Slashinski MJ, Lautenbach DM, Robinson JO, Blumenthal-Barby J, Feuerman LZ, Lehman LS, Murray MF, Green RC, McGuire AL. 'Someday it will be the norm': physician perspectives on the utility of genome sequencing for patient care. Per Med. 2015;12:23-32. PMID:25642274. doi:10.2217/PME.14.68

11. **Christensen KD**, Roberts JS, Zikmund-Fisher BJ, Kardia SLR, McBride CM, Linnenbringer E, Green RC. Associations between self-referral and health behavior responses to genetic risk information. Genome Med. 2015;7:10. PMID:25642295. doi:10.1186/s13073-014-0124-0

12. Besser AG, Sanderson SC, Roberts JS, Chen CA, **Christensen KD**, Lautenbach DM, Cupples LA, Green RC. Factors affecting recall of different types of personal genetic information about Alzheimer's disease risk: the REVEAL Study. Public Health Genomics. 2015;18:78-86. PMID:25634646. doi:10.1159/000368888

13. Holm IA, Iles BR, Ziniel SI, Bacon PL, Savage SK, **Christensen KD**, Weitzman ER, Green RC, Huntington NL. Participant satisfaction with a preference-setting tool for the return of individual research results in pediatric genomic research. J Empir Res Hum Res Ethics. 2015;10:414-26. PMID:26376753. doi:10.1177/1556264615599620

14. **Christensen KD**, Dukhovny D, Siebert U, Green RC. Assessing the costs and cost-effectiveness of genomic sequencing. J Pers Med. 2015;5:470-86. PMID:26690481. doi:10.3390/jpm5040470

15. **Green** RC, **Christensen KD**, Cupples LA, Relkin NR, Whitehouse PJ, Royal CDM, Obisesan TO, Cook-Deegan R, Linnenbringer E, Butson MB, Fasaye G, Levinson E, Roberts JS. A randomized non-inferiority trial of condensed protocols for genetic risk disclosure of Alzheimer's disease. Alzheimers Dement. 2015;11:1222-30. PMID:25499536. doi:10.1016/j.jalz.2014.10.014

16. Robinson CL, Jouni H, Kruisselbrink TM, Austin EE, **Christensen KD**, Green RC, Kullo IJ. Disclosing genetic risk for coronary heart disease: effects on perceived personal control and genetic counseling satisfaction. Clin Genet. 2016;89:251-7. PMID:25708169. doi:10.1111/cge.12577

17. Lupo PJ, Robinson JO, Diamond PM, Jamal L, Danysh HE, Blumenthal-Barby J, Lehmann LS, Vassy JL, **Christensen KD**, Green RC, McGuire AL. Patients' perceived utility of whole-genome sequencing for their healthcare: findings from the MedSeq Project. Per Med. 2016;16:13-20. PMID:27019659. doi:10.2217/pme.15.45

18. **Christensen KD**, Vassy JL, Jamal L, Soleymani Lehmann L, Slasinski MJ, Perry DL, Robinson JO, Blumenthal-Barby J, Feuerman LZ, Murray MF, Green RC, McGuire AL. Are physicians prepared for whole genome sequencing? A qualitative analysis. Clin Genet. 2016;89:228-34. PMID:26080898. doi:10.1111/cge.12626

19. **Christensen KD**, Roberts JS, Whitehouse PJ, Royal CDM, Obisesan TO, Cupples LA, Vernarelli JA, Bhatt DL, Linnenbringer E, Butson MB, Fasaye G-A, Uhlmann WR, Hiraki S, Wang N, Cook-Deegan R, Green RC. Disclosing pleiotropic effects during genetic risk assessment for Alzheimer disease: a randomized, controlled trial. Ann Intern Med. 2016;164:155-63. PMID:26810768. doi:10.7326/M15-0187

- Editorial. Murray MF. Genomics: prediction, prevention, priorities, and Punnett. Ann Intern Med. 2016;164:197-8. PMID: 26810850. doi:10.7326/M15-2993

20. Robinson JO, Carroll TM, Feuerman LZ, Perry DL, Hoffman-Andrews L, Walsh RC, **Christensen KD**, Green RC, McGuire AL. Participant and study decliners' perspectives about the risks of participating in a clinical trial of whole genome sequencing. J Empir Res Hum Res Ethics. 2016;11:21-30. PMID:26928896. doi:10.1177/1556264615624078

21. Baptista NM**, **Christensen KD**, Carere DA, Broadley SA, Roberts JS, Green RC. Adopting genetics: motivations and outcomes of personal genomic testing in adult adoptees. Genet Med. 2016;18:924-32. PMID:26820063. doi:10.1038/gim.2015.192

22. Conway-Pearson LS**, **Christensen KD**, Savage SK, Huntington NL, Weitzman ER, Ziniel SI, Bacon PL, Cacioppo CN, Green RC, Holm IA. Family health history reporting is sensitive to small changes in wording. Genet Med. 2016;18:1308-11. PMID:27148937. doi:10.1038/gim.2016.45

23. **Christensen KD**, Savage SK, Huntington NL, Weitzman ER, Ziniel SI, Bacon PL, Cacioppo CN, Green RC, Holm IA. Preferences for the return of individual results from research on pediatric biobank samples. J Empir Res Hum Res Ethics. 2017;12:97-106. PMID:28421887. doi:10.1177/1556264617697839

24. Guan Y**, Roter DL, Erby LH, Wolff JL, Gitlin LN, Robers JS, Green RC, **Christensen KD**. Disclosing genetic risk of Alzheimer's disease to cognitively impaired patients and visit companions: findings from the REVEAL Study. Patient Educ Couns. 2017;100:927-35. PMID:28012682. doi:10.1016/j.pec.2016.12.005

25. Jamal L, Robinson JO, **Christensen KD**, Blumenthal-Barby J, Slashinski MJ, Perry DL, Vassy JL, Wycliff J, Green RC, McGuire AL. When bins blur: patient perspectives on categories of results from clinical whole genome sequencing. AJOB Empir Bioeth. 2017;8:82-8. PMID:28949844. doi:10.1080/23294515.2017.1287786

26. Vassy JL, **Christensen KD**, Schonman EF, Blout CL, Robinson JO, Krier JB, Diamond PM, Lebo M, Machini K, Azzariti DR, Dukhovny D, Bates DW, MacRae CA, Murray MF, Rehm HL, McGuire AL, Green RC. The impact of whole genome sequencing on the primary care and outcomes of healthy adult patients: a pilot randomized trial. Ann Intern Med. 2017;167:159-69. PMID:28654958. doi:10.7326/M17-0188

27. **Christensen KD**, Uhlmann WR, Roberts JS, Linnenbringer E, Whitehouse PJ, Royal CDM, Obisesan TO, Cupples LA, Butson MB, Fasaye G-A, Hiraki S, Chen CA, Siebert U, Cook-Deegan R, Green RC. A randomized controlled trial of disclosing genetic risk information for Alzheimer's disease via telephone. Genet Med. 2018;20:132-141. PMID:28726810. doi:10.1038/gim.2017.103

28. Guan Y**, Roter DL, Wolff JL, Gitlin LN, **Christensen KD**, Roberts JS, Green RC, Erby LH. The impact of genetic counselors' use of facilitative strategies on cognitive and emotional processing of genetic risk disclosure for Alzheimer's disease. Patient Educ Couns. 2018;101:817-23. PMID:29203084. doi:10.1016/j.pec.2017.11.019

29. **Christensen KD**, Bernhardt BA, Jarvik GP, Hindorff LA, Ou J, Biswas S, Powell BC, Grundmeier RW, Machini K, Karavite DJ, Pennington JW, Krantz ID, Berg JS, Goddard KAB. Anticipated responses of early adopter genetic specialists and nongenetic specialists to unsolicited genomic secondary findings. Genet Med. In press. PMID:29388940 doi:10.1038/gim.2017.243

30. Roberts JS, Robinson JO, Diamond PM, Bharadwaj A, **Christensen KD**, Lee KB, Green RC, McGuire AL. Patient understanding of, satisfaction with, and perceived utility of whole genome sequencing: findings from the MedSeq Project. Genet Med. In press. PMID:29300387. doi:10.1038/gim.2017.223

31. Mitchell PB, Ziniel SI, Savage SK, **Christensen KD**, Weitzman ER, Green RC, Huntington NL, Mathews DJ, Holm IA. Enhancing autonomy in biobank decisions: too much of a good thing? J Empir Res Hum Res Ethics. 2018;13:125-38. PMID:29471711. doi:10.1177/1556264617753483

32. **Christensen KD**, Vassy JL, Phillips KA, Blout CL, Azzariti DR, Lu CY, Robinson JO, Lee K, Douglas MP, Yeh JM, Machini K, Stout NK, Rehm HL, McGuire AL, Green RC, Dukhovny D. Short term costs of integrating whole genome sequencing into primary care and cardiology settings: a pilot randomized trial. Genet Med. In press. PMID:29565423. doi:10.1038/gim.2018.35

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** Mentored trainee

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Thesis

Christensen KD. Comparing self-referred and systematically recruited participants in genetic susceptibility testing research: implications for uptake and responses to results [dissertation]. Ann Arbor (MI): University of Michigan; 2012.

Additional Abstracts, Poster Presentations within 3 Years

No presentations below were sponsored by outside entities

1. **Christensen KD**, Schonman EF, Vassy JL, Rehm HL, Diamond PM, Roberts JS, Lehmann LS, Robinson JO, Green RC, McGuire AL. Using whole genome sequencing to motivate lifestyle changes: preliminary findings from the MedSeq Project. Selected for poster presentation at the American College of Medical Genetics Annual Meeting; Mar 2016; Tampa, FL.
2. **Christensen KD**, Vassy JL, Cirino AL, Murray MF, McGuire AL, Green RC. Cardiologists' responses to whole genome sequencing: preliminary findings from the MedSeq Project. Selected for poster presentation at the American Society of Human Genetics Annual Meeting; Oct 2016; Vancouver, BC.
3. **Christensen KD**, Roberts JS, Diamond PM, McGuire AL, Green RC. Behavioral and psychological responses to whole genome sequencing: Findings from the MedSeq Project. Poster presentation at the Broad Institute Annual Retreat; Dec 2017; Boston, MA.
4. **Christensen KD**, Robinson JO, Lu CY, Blout C, Green RC, McGuire AL. Changes to willingness to pay for whole genome sequencing after experience. Selected for poster presentation at the American College of Medical Genetics Annual Meeting; Apr 2018; Charlotte, NC.