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### **EDUCATION**

**NICHD Postdoctoral Fellow**, Center for Developmental Science, University of North Carolina at Chapel Hill, 2004 – 2006, Human Development

**Post-Doctoral Scholar**, Center for Culture and Health, Department of Psychiatry and Biobehavioral Sciences, University of California, Los Angeles, 2002 – 2004, Medical Anthropology

**PhD**, University of California, Los Angeles, 2002, Anthropology

**MA**, University of California, Los Angeles, 1998, Anthropology

**BA**, Pennsylvania State University, 1996, Sociology, with Honors

### **PROFESSIONAL EXPERIENCE**

**Research Professor**, 2023 – present

**Core Faculty**, *Center for Bioethics*, 2017 – present

*Department of Social Medicine*, University of North Carolina at Chapel Hill

**Research Associate Professor**, 2017 – present

*Department of Social Medicine*, University of North Carolina at Chapel Hill

**Adjunct Associate Professor**, January 2018 – June 2018; January 2020 – June 2020

*School of Law*, University of North Carolina at Chapel Hill

**Visiting Associate Professor**, January 2019 – May 2019

*Duke Initiative for Science & Society*, Duke University

**Research Assistant Professor**, 2011 – 2017

*Department of Social Medicine*, University of North Carolina at Chapel Hill

**Adjunct Assistant Professor**, January 2017 – June 2017

*School of Law*, University of North Carolina at Chapel Hill

**Postdoctoral Research Associate**, 2007 – 2011

*Department of Social Medicine*, University of North Carolina at Chapel Hill

**Postdoctoral Research Assistant**, 2006 – 2007 (temporary position)

*Department of Social Medicine*, University of North Carolina at Chapel Hill

## HONORS AND AWARDS

*Elected to the Academy of Educators*, School of Medicine, University of North Carolina, Chapel Hill, 2019.

*Boost Award*, Office of Research, School of Medicine, University of North Carolina, Chapel Hill, 2019.

*Dissertation Year Fellowship*, University of California, Los Angeles, 2001 – 2002.

*Urban Education Studies Center Fellowship*, Graduate School of Education and Information Sciences, University of California, Los Angeles, 2000 – 2001.

*Dr. Ursula Mandel Scholarship* for research related to the medical sciences, University of California, Los Angeles, 1997 – 1998.

*University Fellowship*, University of California, Los Angeles, 1996 – 1997, 1997 – 1998.

Predocctoral Fellowship in the Social and Behavioral Aspects of HIV/AIDS Prevention, University AIDS Research Program, University of California, Los Angeles, 1997.

Phi Beta Kappa Senior Thesis Award for Humanities Research, Pennsylvania State University, 1995.

Elected to *Phi Beta Kappa*, Pennsylvania State University, 1995.

## BIBLIOGRAPHY AND PRODUCTS OF SCHOLARSHIP

### *Books and Chapters*

Meagher K, **Cadigan RJ**, Henderson GE, Juengst ET. 2019. Ethics at the intersection of public health genomics and biobanking. In: Mastroianni AC, Kahn JP, Kass N.E., eds. Oxford Handbook of Public Health Ethics. Oxford University Press. Pp. 664-677.

Conley J, **Cadigan RJ**, Davis AM. 2016. The empty performative?: Informed consent to genetic research. In: Ehrlich S, Eades D, Ainsworth J., eds. Discursive Constructions of Consent in the Legal Process. Oxford University Press. Pp.140-160.

Conley J, **Cadigan RJ**, Davis AM, Dobson AW, Edwards E, Fortson W, Mitchell R. 2013. The discourse of DNA: Giving informed consent to genetic research. In: Heffer C, Rock F, Conley J., eds. Legal-Lay Communication: Textual Travels in the Law. Oxford University Press. Pp. 247-265.

**Cadigan RJ**, Davis AM. 2009. Deciding whether to participate in a biobank: The concerns of healthy volunteers. In: Kaye J, Stranger M., eds. Governing Biobanks: What are the Challenges? Ashgate Pub. Pp.117-133.

Juvonen J, **Cadigan RJ**. 2002. Social determinants of public behavior of middle school youth: Perceived peer norms and need to be accepted. In: Pajares F, Urdan T., eds. Academic Motivation of Adolescents. Info Age Pub. Pp. 277-297.

Forness SR, Sinclair E, Jura MB, McCracken JT, **Cadigan RJ**. 2002. Learning disabilities and related disorders: The UCLA Wallis Foundation guidebook. UCLA Wallis Foundation.

*Refereed Articles**Original Research*

Conley JM, **Cadigan RJ**, Davis AM, Juengst ET, Kuczynski K, Major R, Stancil H, Villa-Palomino J, Waltz M, Henderson GE. 2023. The promise and reality of public engagement in the governance of human genome editing research. *Am J Bioeth.* prepublication ahead of print, available at: <https://www.tandfonline.com/doi/full/10.1080/15265161.2023.2207502>

Waltz M, Yan H, **Cadigan RJ**, Canter C, Bain L, Bensen JT, Conway C, Haldeman-Englert C, Farnan L, Foreman AKM. and Grant TL. 2023. Question prompt lists and caregiver question asking in pediatric specialty appointments: A randomized controlled trial. *Patient Educ Couns.* 109;107620.

Isaacson S, Kuczynski K, Ormsby N, Peay HL, Rennie S, **Cadigan RJ**, Kroon E, Phanuphak N, Ananworanich J, Jupimai T, Prueksakaew P, Henderson GE. 2023. Decision making for invasive and non-invasive optional procedures within an acute HIV research cohort in Bangkok. *Contemp Clin Trials Commun.* 31;101054:1-8.

Waltz M, Canter C, Bensen JT, Berg JS, Foreman AKM, Grant TL, Hassmiller-Lich K, Navas A, O'Daniel JM, Powell BC, Rini CM, Staley BS, **Cadigan RJ**. 2022. The burden of COVID-19 on caregivers of children with suspected genetic conditions: A therapeutic odyssey. *Phys Occup Ther Pediatr.* Epub. 30:1-15.

**Cadigan RJ**, Waltz M, Henderson GE, Conley JM, Davis AM, Major R, Juengst ET. 2022. Scientists' views on scientific self-governance for human genome editing research. *Hum Gene Ther.* Epub. 33(21-22):1157-1163.

Singh S, **Cadigan RJ**, Moodley K. 2022. Challenges to biobanking in LMICs during COVID-19: time to reconceptualise research ethics guidance for pandemics and public health emergencies? *J Med Ethics.* 48(7):466-471.

Singh S, **Cadigan RJ**, Moodley K. 2022. Research-related stakeholders' perspectives on sociocultural considerations in biobanking practice in South Africa. *Biopreserv Biobank.* Epub. June:27:1-7.

Singh S, Moodley K, **Cadigan RJ**. 2022. Online training as a means to improve the understanding of ethical, legal, and social aspects of biobanking research: Stakeholder perspectives from South Africa. *Biopreserv Biobank.* 1;20(3):283-90.

Foss KS, O'Daniel JM, Berg JS, Powell SN, **Cadigan RJ**, Kuczynski KJ, Milko LV, Saylor KW, Roberts M, Weck K, Henderson GE. 2022. The rise of population genomic screening: Characteristics of current programs and the need for evidence regarding optimal implementation. *J Pers Med.* 26;12(5):692.

Peay HL, Rennie S, **Cadigan RJ**, Gwaltney A, Jupimai T, Phanuphak N, Kroon E, Colby DJ, Ormsby N, Isaacson SC, Vasani S, Sacdalan C, Prueksakaew P, Benjapornpong K,

- Ananworanich J, Henderson GE. 2022. Attitudes about analytic treatment interruption (ATI) in HIV remission trials with different antiretroviral therapy (ART) Resumption Criteria. *AIDS Behav.* 26(5):1504-1516.
- Jaswaney R, Davis A, **Cadigan RJ**, Waltz M, Brassfield ER, Forcier B, Joyner BL Jr. 2022. Hospital policies during COVID-19: An analysis of visitor restrictions. *J Pub Health Manag Pract.* 01;28(1):E299-306.
- Patel H, Patel K, Banks JL, Davis A, Jost D, **Cadigan J**, Orantes C. 2021. Resident burnout in the medical ICU in an academic tertiary care center. *Chest.* 160(4):p.A1433.
- Waltz M, Juengst ET, Edwards T, Henderson GE, Kuczynski KJ, Conley JM, Della-Penna P, **Cadigan RJ**. 2021. The view from the benches: Scientists' perspectives on the uses and governance of human gene-editing research. *The CRISPR J.* 4(4):609-615.
- Conley JM, Davis AM, Henderson GE, Juengst ET, Meagher KM, Walker RL, Waltz M, **Cadigan J**. 2020. A new governance approach to regulating human genome editing. *NC J Law Technol.* 22(2):107-141.
- Peay HL, Ormsby NQ, Henderson GE, Jupimai T, Rennie S, Siripassorn K, Kanchawee K, Isaacson S, **Cadigan RJ**, Kuczynski K, Likhitwonnawut, U. 2020. Recommendations from Thai stakeholders about protecting HIV remission ('cure') trial participants: report from a participatory workshop. *Int Health.* 9;12(6):567-574.
- Henderson GE, Rennie S, Corneli A, Meagher K, **Cadigan RJ**, Kroon E, Ananworanich J, Peay HL. 2020. Parallel but connected: Nuances of conducting behavioral and social science research alongside ethically challenging HIV remission trials. *Contemp Clin Trials Commun.* 16:19:100594
- Henderson GE, Ewing M, Kuczynski KJ, **Cadigan RJ**, Waltz M, Butterfield RM, Rini C, Weck K, Berg JS, Edwards TP. 2020. Development and validation of a measure of comprehension of genomic screening—negative results (CoG-NR). *Eur J Hum Genet.* 28(10):1394-1402.
- Waltz M, Meagher KM, Henderson GE, Goddard KA, Muessig K, Berg JS, Weck KE, **Cadigan RJ**. 2020. Assessing the implications of positive genomic screening results. *Per Med.* 17(2):101–109.
- Conley JM, Prince AER, Davis AM, **Cadigan J**, Lazaro-Munoz G. 2020. Is real-time ELSI realistic? *AJOB Empirical Bioeth.* 11(2):134–144.
- Waltz M, Davis A, **Cadigan RJ**, Jaswaney R, Smith M, Joyner B. 2020. Professionalism and ethics: A standardized patient observed standardized clinical examination to assess ACGME pediatric professionalism milestones. *MedEd Portal.* 31(16):10873.
- Peay H, Isaacson S, Ormsby N, Corneli A, **Cadigan RJ**, Henderson G. 2019. How do HIV cure trial researchers respond to an embedded social science study? *J Virus Erad.* 5:23.

Waltz M, **Cadigan RJ**, Joyner B, Ossman P, Davis A. 2019. Perils of the hidden curriculum: Emotional labor and “bad” pediatric proxies. *J Clin Ethics*. 30(2):154-162.

Henderson GE, Waltz M, Meagher K, **Cadigan RJ**, Jupimai T, Isaacson S, Ormsby NQ, Colby DJ, Kroon E, Phanuphak N, Ananworanich J, Peay HL. 2019. Going off antiretroviral treatment in a closely monitored HIV “cure” trial: longitudinal assessments of acutely diagnosed trial participants and decliners. *J Int AIDS Soc*. 22(3):e25260.

Butterfield RM, Evans JP, Rini C, Kuczynski KJ, Waltz M, **Cadigan RJ**, Goddard KAB, Muessig KR, Henderson GE. 2019. Returning negative results to individuals in a genomic screening program: lessons learned. *Genet Med*. 21(2):409-416.

Juengst ET, Henderson GE, Walker RL, Conley JM, MacKay D, Meagher KM, Saylor K, Waltz M, Kuczynski KJ, **Cadigan RJ**. 2018. Is enhancement the price of prevention in human gene editing? *CRISPR J*. 1(6):351-354.

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Henderson GE, Peay HL, Kroon E, **Cadigan RJ**, Meagher K, Jupimai T, Gilbertson A, Fisher J, Ormsby NQ, Chomchey N, Phanuphak N, Ananworanich J, Rennie S. 2018. Ethics of treatment interruption trials in HIV cure research: Addressing the conundrum of risk/benefit assessment. *J Med Ethics*. 44(4):270-276.

**Cadigan RJ**, Butterfield R, Rini C, Waltz M, Kuczynski KJ, Muessig K, Goddard KAB, Henderson GE. 2017. Online education and e-consent for GeneScreen, a preventive genomic screening study. *Pub Health Genomics*. 20(4):235-246.

Prince AER, **Cadigan RJ**, Whipple W, Davis AM. 2017. Membership recruitment and training in health care ethics committees: Results from a national pilot survey. *AJOB Empir Bioeth*. 8(3):161-169.

Lázaro-Muñoz G, Conley JM, Davis AM, Prince AE, **Cadigan RJ**. 2017. Which results to return?: Subjective judgments in selecting medically actionable genes. *Genet Test Mol Biomarkers*. 21(3):184-194.

**Cadigan RJ**, Edwards TP, Lassiter D, Davis AM, Henderson GE. 2017. “Forward Thinking” in US biobanking. *Genet Test Mol Biomarkers*. 21(3):148-154.

Prince AE, **Cadigan RJ**, Henderson GE, Evans JP, Adams M, Coker-Schwimmer E, Penn DC, Van Riper M, Corbie-Smith G, Jonas DE. 2017. Is there evidence that we should screen the general population for Lynch Syndrome with genetic testing? A systematic review. *Pharmacogenetics and Pers Med*. 10:49-60.

Krubiner CB, Faden RR, **Cadigan RJ**, Gilbert SZ, Henry LM, Little MO, Mastroianni AC, Namey EE, Sullivan KA, Lyerly AD. 2016. Advancing HIV research with pregnant women: Navigating challenges and opportunities. *AIDS*. 30(15):2261-2265.

Lassiter D, **Cadigan RJ**, Haldeman KM, Reavely E, Henderson G. 2016. Standardization as performative accountability in biobanking. *BioSoc*. 11(1):67-81.

Prince AE, Conley JM, Davis AM, Lázaro-Muñoz G, **Cadigan RJ**. 2015. Automatic placement of genomic research results in medical records: Do researchers have a duty? Should participants have a choice? *J Law Med Ethics*. 43(4):827-842.

**Cadigan RJ**, Nelson DK, Henderson GE, Nelson AG, Davis AM. 2015. Public comments on proposed regulatory reforms that would impact biospecimen research: The good, the bad and the puzzling. *IRB*. 37(5):1-10.

**Cadigan RJ**, Skinner D. 2015. Symptoms of depression and their management among low-income African American and White mothers in the rural South. *Ethn Health*. 20(3):293-308.

Long MD, **Cadigan RJ**, Cook SF, Haldeman K, Kuczynski K, Sandler RS, Martin CF, Chen W, Kappelman MD. 2015. Perceptions of patients with inflammatory bowel diseases on biobanking. *Inflamm Bowel Dis*. 21(1):132-138.

**Cadigan RJ**, Juengst E, Davis A, Henderson G. 2014. Underutilization of specimens in biobanks: An ethical as well as practical concern? *Genet Med*. 16(10):738-740.

Haldeman KM, **Cadigan RJ**, Davis AM, Goldenberg A, Henderson GE, Lassiter D, Reavely E. 2014. Community engagement in US biobanking: Multiplicity of meaning and method. *Pub Health Genomics*. 17(2):84-94.

Edwards T, **Cadigan RJ**, Evans JP, Henderson GE. 2014. Biobanks containing clinical specimens: defining characteristics, policies, and practices. *Clin Biochem*. 47(4-5):245-251.

Isler RM, Sutton K, **Cadigan RJ**, Corbie-Smith G. 2013. Community perceptions of genomics research: Implications for addressing health disparities. *NC Med J*. 74(6):470-476.

Henderson GE, Edwards TP, **Cadigan RJ**, Davis AM, Zimmer C, Conlon I, Weiner BJ. 2013. Stewardship practices of US biobanks. *Sci Transl Med*. 11;5(215):215cm7.

**Cadigan RJ**, Lassiter D, Haldeman K, Conlon I, Reavely E, Henderson GE. 2013. Neglected ethical issues in biobank management: results from a US study. *Life Sci Soc Policy*. 1;9(1):1.

Henderson GE, **Cadigan RJ**, Edwards TP, Colon I, Nelson AG, Evans JP, Davis AM, Zimmer C, Weiner BJ. 2013. Characterizing biobank organizations in the US: results from a national survey. *Genome Med*. 25;5(1):3.

Boyer GJ, Whipple W, **Cadigan RJ**, Henderson GE. 2012. Biobanks in the United States: how to identify an undefined and rapidly evolving population. *Biopreserv Biobank*. 10(6):511-517.

Conley JM, Mitchell R, **Cadigan RJ**, Davis AM, Dobson AW, Gladden RQ. 2012. A trade secret model for genomic biobanking. *J Law Med Ethics*. 40(3): 612–629.

Michie M, **Cadigan RJ**, Henderson G, Beskow LM. 2012. Am I a control? Genotype-driven research recruitment and self-understandings of study participants. *Genet Med*. 14(12):983-989

**Cadigan RJ**, Michie M, Henderson G, Davis AM, Beskow LM. 2011. The meaning of genetic research results: Reflections from individuals with and without a known genetic disorder. *J Empir Res Hum Res Ethics*. 6(4):30-40.

Beskow LM, Namey EE, **Cadigan RJ**, Brazg T, Crouch J, Henderson GE, Michie M, Nelson DK, Tabor HK, Wilfond BS. 2011. Research participants' perspectives on genotype-driven research recruitment. *J Empir Res Hum Res Ethics*. 6(4):3-20.

**Cadigan RJ**, Easter MM, Dobson AW, Davis AM, Rothschild BB, Zimmer C, Sterling R, Henderson G. 2011. "That's a good question": University researchers' views on ownership and retention of human genetic specimens. *Genet Med*. 13(6):569-75.

Mitchell R, Conley JM, Davis AM, **Cadigan RJ**, Dobson AW, Gladden RQ. 2011. Genomics. Genomics, biobanks, and the trade secret model. *Science*. 15;332(6027):309-310.

Mitchell R, Conley JM, Davis AM, **Cadigan RJ**, Dobson AW, Gladden RQ. 2011. Response to Genomics, biobanks, and the trade secret model. *Science*. 333:1574-1575.

Hay MC, **Cadigan RJ**, Khanna D, Strathmann C, Lieber E, Altman R, McMahan M, Kokhab M, Furst DE. 2008. Prepared patients: Internet information seeking by new rheumatology patients. *Arthritis Rheum*. 15;59(4):575-82.

Flower KB, Willoughby M, **Cadigan RJ**, Perrin EM, Randolph G. 2008. Family Life Project Investigative Team. Understanding breastfeeding initiation and continuation in rural communities: A combined qualitative/quantitative approach. *Matern Child Health J*. 12(3):402-414.

Willoughby MT, **Cadigan RJ**, Burchinal M, Skinner D. 2008. An evaluation of the psychometric properties and criterion validity of the religious social support scale. *J Sci Study Relig*. 12;47(1):147-159.

**Cadigan RJ**. 2007. Woman-to-woman marriage: Practices and benefits in sub-Saharan Africa. *J Comp Fam Stud*. 1998. 29(1):89-98. [Reprinted in: Angeloni, Elvio, ed. *Classic Edition Sources: Anthropology*. McGraw-Hill.]

### *Editorials or Commentaries*

Cadigan, R.J., Waltz, M., Walker, R., Major, R. 2023. What happened to concerns about human enhancement? Hastings Center Bioethics Forum. April 25.

<https://www.thehastingscenter.org/what-happened-to-concerns-about-human-enhancement/>

Canter C, Foley K, Callier SL, Meagher KM, Waltz M, Washington A, Cadigan RJ, Prince AER. 2023. The Slippery Slope of Prenatal Testing for Social Traits. *Am J Bioeth*, 23(3): 36–38.

Brothers KB, Goldenberg AJ, **Cadigan RJ**. 2021. “If it’s ethical during a pandemic...”: Lessons from COVID-19 for post-pandemic Biobanking. *Am J Bioeth*. 21(12): 34-36.

Waltz M, **Cadigan RJ**, Davis AM. 2019. Exploring the emotional labor of medical trainees in the setting of ethics education. *Am J Bioeth*. 19:12,65-66.

Brothers KB, Rivera SM, **Cadigan RJ**, Sharp RR, Goldenberg AJ. 2019. A Belmont reboot: Building a normative foundation for human research in the 21st Century. *J Law Med Ethics*. 47(1):165-72.

Rivera SM, Brothers KB, **Cadigan RJ**, Harrell HL, Rothstein MA, Sharp RR, Goldenberg AJ. 2017. Modernizing research regulations is not enough: it's time to think outside the regulatory box. *Am J Bioeth*. 17(7):1-3.

Conley JM, Lázaro-Muñoz G, Prince AER, Davis AM, **Cadigan RJ**. 2015. Scientific social responsibility: Lessons from the corporate social responsibility movement. *Am J Bioeth*. 15(12):64-66.

### *Published Abstracts*

Yan, H., Waltz, M., **Cadigan, R.J.**, Lin, F.C., Farnan, L., Canter, C., Foreman, A.K.M., Grant, T.L., O’Daniel, J.M., O’Neill, S.C., Mahla, M., Haldeman-Englert, C., Powell, B., Rini, C. 2023. Question Prompt Lists and Parental Question Asking in Pediatric Specialty Appointments: A Randomized Control Trial. *Annals of Behavioral Medicine*. *Annals of Behavioral Medicine*. 57:S37 <https://doi.org/10.1093/abm/kaad011>

Patel H, Banks JL, Davis A, **Cadigan J**, Forcier B, Orantes C, Dover KL, Patel K. 2022. Resident burnout, moral distress, and resilience in the medical intensive care unit in an academic tertiary care center. In A44. *ICU Curriculum And Systems*. A1536-A1536. Am Thorac Soc.

Waltz M, Bensen J, Foreman AKM, Grant T, Lich KH, Mollison L, Staley B, **Cadigan RJ**. 2021. The impact of COVID-19 on pediatric diagnostic odysseys. *Mol Genet Metab*.132:S298-S299.

Sonntag E, Dover KL, Banks JL, Bice T, **Cadigan J**, Davis A. 2021. Prevalence, degree, and drivers of resident burnout during MICU rotations. In TP55. TP055 Mechanical Ventilation, ICU Management, And CV. Am Thorac Soc. A2831-A2831.



Henderson GE, Jupimai T, Ormsby N, Rennie S, **Cadigan RJ**, Kuczynski K, Isaacson SC, Phanuphak N, Kroon E, Ananworanich J, Colby D. 2020. Is reluctance to restart ART a risk of ATI trials?. *JIAS*. 23:68-68.

Henderson GE, **Cadigan RJ**, Butterfield R, Kuczynski K, Rini C. 2017. Report from GeneScreen: Online recruitment for preventive genomic screening among healthy adults. *Ann Behav Med*. 51: S2323-S2324.

**Cadigan RJ**, Kappelman M, Gulati AS, Cook S, Haldeman K, Kuczynski K, Sandler R, Martin C, Chen W, Long, M. 2015. Su1327 Keep or destroy? Attitudes of patients with inflammatory bowel diseases on biospecimen handling at biobank closure. *Gastroenterology*. 48(4 S1):S-475-S-476.

Long M, **Cadigan J**, Cook S, Haldeman K, Kuczynski K, Sandler R, Martin C, Chen W, Kappelman M. 2015. Perceptions of patients with inflammatory bowel diseases on biobanking. *Inflamm Bowel Dis*. 21:1:132-138.

### ***Digital and Other Novel Forms of Scholarship***

Singh S, **Cadigan RJ**, Moodley K. Ethics guidance for biobanking practice in low-and middle-income-countries during COVID-19. *British Med J blog*. May 13, 2021.

<https://blogs.bmj.com/medical-ethics/2021/05/13/ethics-guidance-for-biobanking-practice-in-low-and-middle-income-countries-during-covid-19/>

Waltz M, **Cadigan RJ**, Prince AER, Skinner D, Henderson GE. Genomic screening: What's age got to do with it? In *Bill of Health: Examining the intersection of law and healthcare, biotech, and bioethics*, a blog by the Petrie-Flom Center and friends of the Harvard Law School.

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Consultant and interviewee **Cadigan RJ**. How a research campus in North Carolina deals with ethical issues on biobanking. *PBS Newshour*. May 21, 2016.

<http://www.pbs.org/newshour/bb/how-a-research-campus-is-raising-ethical-questions-in-one-north-carolina-town/>

### ***Unpublished Oral Presentations***

#### ***Refereed Solicited Presentations and/or Abstracts***

Waltz M., Canter C., **Cadigan, R.J.**, Callier S., Kuczynski K., Meagher K.M., Washington A., Prince A.E.R. May 2023. Polygenic scores for social traits: The translation of harms and benefits from the scientific literature to the lay media. ESSGN II (European Social Science Genomics Network Conference II), Bologna, Italy.

Jaswaney R, Davis A, **Cadigan RJ**, Forcier B, Osipov R. October 2022. Reframing the shared decision-making model in pediatrics. Annual Meeting of the American Society for Bioethics and Humanities.

Prince A, Waltz M, **Cadigan RJ**, Meagher K, Callier S, Kuczynski K. October 2022. Beyond the medical: polygenic scores for social traits and consent implications for biobank participants. Annual Meeting of the American Society for Bioethics and Humanities.

Ponsaran R, Brothers K, Goldenberg A, **Cadigan RJ**. June 2022. Neglected ethical issues in biobanking: Addressing issues of governance, stewardship, and equity. The 5<sup>th</sup> ELSI Congress, virtual event.

Conley J, Juengst E, Walker R, **Cadigan RJ**, Henderson G. June 2022. Public engagement in governance of human genome editing in the Post-He Jiankui Era. The 5<sup>th</sup> ELSI Congress, virtual event.

**Cadigan RJ**, Davis AM. May 2022. ELSI Contributions to clinical ethics consultations. Networking Session, The 5<sup>th</sup> ELSI Congress, virtual event.

Waltz M, Canter C, Bensen J, Berg J, Foreman K, Grant T, Hassmiller-Lich K, Navas A, O'Daniel J, Powell B, Rini C, Staley B, **Cadigan RJ**. October 2021. The burden of COVID-19 on caregivers of children with suspected genetic conditions: A therapeutic odyssey. Paper presentation at the Public Health Affinity Group, Annual Meeting of the American Society for Bioethics and Humanities.

Juengst E, Waltz M, Kuczynski K, Conley JM, Walker R, Davis AM, Henderson G, MacKay D, **Cadigan RJ**. October 2021. Emerging maxims for the ethics of preventive human gene editing. Paper presentation at the Annual Meeting of the American Society for Bioethics and Humanities.

Berkman B, Goldenberg A, **Cadigan RJ**, Meagher K. Ethical issues in biobanking during a pandemic. October 2021. Panel presentation, Annual Meeting of the American Society for Bioethics and Humanities.

Brothers K, **Cadigan RJ**, Goldenberg A. May 2021. Assessing and addressing the ethical and governance challenges of networking biorepositories. International Society of Biomedical and Environmental Repositories (ISBER) Annual Meeting, Virtual Meeting.

Brothers K, **Cadigan RJ**, Goldenberg A. May 2021. Biobanking in the era of COVID-19: ethical and governance challenges. International Society of Biomedical and Environmental Repositories (ISBER) Annual Meeting, Virtual Meeting.

Brothers K, **Cadigan RJ**, Goldenberg A. December 2020. Neglected ethical issues in biobanking: Utilization, sustainability, and stewardship. 2020 Advancing Ethical Research Conference, PRIM&R, (virtual event).

Goldenberg AJ, Brothers K, **Cadigan RJ**. December 2020. Ethical issues in networked biobanking: New challenges for research ethics. 2020 Advancing Ethical Research Conference, PRIM&R, (virtual event).

Jaswaney R, Davis A, **Cadigan RJ**, Waltz M, Brassfield ER, Forcier B, Joyner BL. October 2020. Hospital policies during COVID-19: An analysis of visitor restrictions. American Society for Bioethics and Humanities (ASBH), (virtual event).

Peay HL, Jupimai T, Ormsby N, Rennie S, **Cadigan RJ**, Kuczynski K, Isaacson SC, Phanuphak N, Kroon E, Ananworanich J, Colby D, Sacdalan D, Vasan D, Prueksakaew P, Luekasemsuk T, Henderson GE. July 2020. Is reluctance to restart ART a risk of ATI trials? AIDS 2020: 23<sup>rd</sup> International AIDS Conference (virtual event).

Della-Penna, P, **Cadigan RJ**, Waltz M, Juengst ET. July 2020. The ethical implications of “incidental enhancements” in human genome editing: Cases from the literature. Genome Writers Guild Conference, (virtual event, based out of Minneapolis, Minnesota).

Davis AM, Waltz M, Forcier R, Scarlet S, **Cadigan RJ**. October 2019. Ethical issues that challenge the care of overweight patients. American Society for Bioethics and Humanities Annual Conference, Pittsburgh, Pennsylvania.

Meagher K, Peay H, **Cadigan RJ**. October 2019. Using care ethics and relational autonomy to frame HIV remission clinical trial decision making among members of a research cohort in Thailand. American Society for Bioethics and Humanities Annual Conference, Pittsburgh, Pennsylvania.

Peay HL, Isaacson S, Ormsby N, Corneli A, **Cadigan RJ**, Henderson G. July 2019. How do HIV ‘cure’ trial researchers respond to an embedded social science study? AIDS 2019: 22<sup>nd</sup> International AIDS Conference, Mexico City, Mexico.

Waltz M, Davis A, **Cadigan RJ**, Smith M, Jaswaney R, Joyner B. May 2019. We know it when we see it: Reducing subjectivity in the assessment of professionalism milestones. Academy for Professionalism in Health Care Annual Meeting, New Orleans, Louisiana.

**Cadigan RJ**, Waltz M, Meagher KM, Jupimai T, Peay H, Isaacson S, Phanuphak N, Colby DJ, Kroon E, Ananworanich J, Henderson GE. July 2018. The ethics of treatment interruption in HIV cure trials: What we learn from a longitudinal assessment of participants and decliners. International Association for the Social Sciences and Humanities in HIV Conference, Amsterdam, Netherlands.

Waltz M, Scarlet S, **Cadigan RJ**, Olm-Shipman C, Davis A. June 2018. Clinical inertia in critical care: Lessons from ethics consultations. International Conference on Clinical Ethics Consultation, Oxford, UK.

Waltz M, **Cadigan RJ**, Davis A, Joyner B, Ossman P. October 2017. Medical trainees’ construction of bad patients through emotional labor. American Society of Bioethics and Humanities Annual Meeting, Kansas City, MO.

Henderson GE, **Cadigan RJ**, Evans JP, Juengst ET, Skinner D. June 2017. Embedded genomics: Promises and pitfalls. ELSI Congress: Genomics and Society: Expanding the ELSI Universe, Farmington, CT.

Butterfield R, **Cadigan RJ**, Kuczynski K, Rini C, Henderson GE. June 2017. Potential negatives of negative results: Disclosing normal genomic screening results to people who may be at risk for harm if they misunderstand their meaning. ELSI Congress: Genomics and Society: Expanding the ELSI Universe, Farmington, CT.

Conley JM, Lázaro-Muñoz G, Prince AER, **Cadigan RJ**, Davis AM. June 2017. Is real-time ELSI realistic? An ongoing case study. ELSI Congress: Genomics and Society: Expanding the ELSI Universe, Farmington, CT.

**Cadigan RJ**, Davis AM. February 2017. Wheezing and worrying in the emergency room: Resident perceptions of boundary issues with parents. Conundrums in clinical ethics consultation: consciousness, capacity, and compulsion; Annual meeting of the Clinical Ethics Network of North Carolina, Winston Salem, NC.

Street S, Brassfield E, **Cadigan RJ**, Davis AM, Kuhn J, Joyner B, Ossman P. November 2016. “Sometimes I feel like I’m not doing the right thing”: Engaging medical trainees in reflection of ethical issues in clinical care. AAMC Annual Meeting—Learn Serve Lead, Seattle, WA.

Prince AER, **Cadigan RJ**, Whipple W, Davis AM. October 2016. Membership recruitment and training in health care ethics committees: Results from a national exploratory survey. American Society of Bioethics and Humanities Annual Meeting, Washington, DC.

Prince AER, Whipple W, **Cadigan RJ**, Davis AM. May 2016. Membership recruitment in health care ethics committees. International Conference on Clinical Ethics Consultation, Washington, DC.

**Cadigan RJ**, Brassfield E, Davis AM, Joyner B, Kuhn J, Ossman P, Street S. October 2016. Confidence in ethical reasoning: Examining ethics education among medical trainees. American Society of Bioethics and Humanities Annual Meeting, Washington, DC.

Lázaro-Muñoz G, Conley JM, Davis AM, Prince AER, **Cadigan RJ**. October 2015. Criteria for selecting genes to screen in the general population: An empirical qualitative analysis. American Society of Bioethics and Humanities Annual Meeting, Houston, TX.

Lyerly AD, Herbert C, Mastroianni A, **Cadigan RJ**, Little MO, Faden RR, Krubiner C. October 2014. Advancing research on pregnancy and HIV: Ethics and engagement. American Society of Bioethics and Humanities Annual Meeting, San Diego, CA.

Lassiter D, **Cadigan RJ**, Henderson G. August 2014. Imperative to collect: A case study of six biobanks. ESOCITE/4S Joint Meeting, Buenos Aires, Argentina.

Conley JM, **Cadigan RJ**, Davis AM, Lázaro-Muñoz G, Prince A. May 2014. How to pick a gene to screen: An ethnography of a metric. Annual Meeting of the Law & Society Association, Minneapolis, MN.

Conley JM, **Cadigan RJ**, Davis AM. November 2013. Genomic screening as a public health tool: An exercise in the social production of science. American Anthropological Association Annual Meeting, Chicago, IL.

**Cadigan RJ**, Haldeman K, Lassiter D, Conlon I, Henderson G. May 2012. Re-thinking the ELSI of biobanking. ISBER 2012 Annual Meeting, Vancouver, BC.

Henderson G, **Cadigan RJ**, Conlon I, Goldenberg A. April 2012. Not a simple story: Contextualizing opt-out in US biobanks. ESRC Genomics Network Conference 2012, London, UK.

Henderson G, **Cadigan RJ**, Conlon I. December 2011. Best practices in biobanking? One size does not fit all. PRIM&R 2011 Advancing Ethical Research Conference, Washington, DC.

**Cadigan RJ**, Mitchell RM. June 2011. The MURDOCK Study: Creating a genetic community. Genetic Alliance 25<sup>th</sup> Anniversary Annual Conference, Washington, DC.

**Cadigan RJ**, Easter MM, et al. April 2011. Examining university researchers' views on retention and ownership of human genetic specimens. Exploring the ELSI Universe, 2011 ELSI Congress, Chapel Hill, NC.

Conley J, **Cadigan RJ**, et al. November 2010. The discourse of DNA: The stories people tell about participating (or not) in a genetic biobank. American Anthropological Association Annual Meeting, New Orleans, LA.

Davis AM, **Cadigan RJ**, et al. October 2008. More than you bargained for: When genetic testing finds "other" variations. American Society of Bioethics and the Humanities, Cleveland, OH.

Davis AM, **Cadigan RJ**, et al. July 2008. Not what we went looking for: Ethical, legal, and social issues in the identification of sex chromosome variations. Predicting our future: Genetic testing in children and their families. Treuman Katz Center for Pediatric Bioethics Conference, Seattle, WA.

Davis AM, **Cadigan RJ**. June 2008. Understanding of features of a genetic registry study: Implications for informed consent. Governing biobanks: What are the challenges? 2008 International Conference, St Anne's College, University of Oxford, Oxford, UK.

Hay MC, **Cadigan RJ**. November 2005. The unseen presence: Information and the dynamics of medical authority. American Anthropological Association Annual Meeting, Washington, DC.

**Cadigan RJ.** May 2005. Breastfeeding decision making among low income women in North Carolina. Eighth International Institute on Developmental Science, Integrating Biology and Developmental Science, UNC, Chapel Hill.

**Cadigan RJ,** Subramanian S. November 2003. Reconstructing wellness: The experiences of post-treatment breast cancer survivors. American Anthropological Association Annual Meeting, Chicago, Illinois.

Subramanian S, **Cadigan RJ.** June 2003. Social support among survivors with symptoms: Confronting chronic health conditions with family and friends. Intervention as Science, the Fifth Annual Summer Institute of the Family Research Consortium III, Santa Ana Pueblo, New Mexico.

Subramanian S, **Cadigan RJ.** June 2003. Revisioning wellness: The experiences of post-treatment breast cancer survivors. Delivering the Promise, the Sixth Annual Mission Conference of the Susan G. Komen Breast Cancer Foundation, Washington, DC.

### ***Refereed Poster Presentations***

Prince AER, Canter C, Waltz M, Callier S, Kuczynski K, Meagher KM, Washington A, **Cadigan RJ.** June 2023. Polygenic scores for social and behavioral traits: The translation of benefits, harms, and uses from the scientific literature to the lay media. Behavioral Genetics Association Annual Meeting, virtual.

Michaels, A.N., Patel, H., Thompson, E., Orantes, C., **Cadigan, J.,** Patel, K., Davis, A. May 2023. Burnout among non-internal medicine residents compared to internal medicine residents within the tertiary care medical intensive care unit. American Thoracic Society Annual Meeting, Washington, DC.

Yan, H., Waltz, M., **Cadigan, R.J.,** Lin, F.C., Farnan, L., Canter, C., Foreman, A.K.M., Grant, T.L., O'Daniel, J.M., O'Neill, S.C., Mahla, M., Haldeman-Englert, C., Powell, B., Rini, C. April 2023. Question Prompt Lists and Parental Question Asking in Pediatric Specialty Appointments: A Randomized Control Trial. Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, Phoenix, AZ.

Patel H, Banks JL, Davis A, **Cadigan RJ,** Michaels A, Forcier B, Orantes C, Thompson E, Osipov R, Dover K, Patel K. May 2022. Resident burnout, moral distress, and resilience in the medical intensive care unit in an academic tertiary care center. American Thoracic Society Annual Meeting.

Sonntag E, Dover KL, Banks JL, Bice T, **Cadigan RJ,** Davis A. May 2021. Prevalence, degree, and drivers of resident burnout during MICU rotations. American Thoracic Society Annual Meeting.

Waltz M, Bensen J, Foreman AKM, Grant T, Hassmiller-Lich K, Mollison L, Staley BS, **Cadigan RJ.** April 2021. The impact of COVID-19 on Pediatric diagnostic odysseys. ACMG Annual Clinical Genetics Meeting.

Brothers K, **Cadigan RJ**, Rivera SM, Rothstein MA, Sharp RR, Goldenberg AJ. December 2020. Neglected ethical issues in biobanking: Stewardship, utilization, funding, and sustainability. 2020 Advancing Ethical Research Conference, PRIM&R, virtual.

Waltz M, Juengst ET, Edwards T, Henderson G, Kuczynski K, Conley J, Della-Penna P, **Cadigan RJ**. October 2020. Human gene editing and its governance: A survey of US scientists. ASHG Annual Meeting, virtual.

Della-Penna, P, **Cadigan RJ**, Waltz M, Juengst ET. October 2020. The ethical implications of “incidental enhancements” in human genome editing: Cases from the literature. ASHG Annual Meeting, virtual.

Peay H, Jupimai T, Ormsby N, Rennie S, **Cadigan RJ**, Kuczynski K, Isaacson S, Phanuphak N, Kroon E, Ananworanich J, Vasana S, Prueksakaew P, Intasan J, Henderson GE. July 2020. Perceived health and stigma among a population of individuals diagnosed with acute HIV: Report from the SEARCH010 cohort. AIDS 2020: 23<sup>rd</sup> International AIDS Conference, virtual.

Peay H, Jupimai T, Ormsby N, Rennie S, **Cadigan RJ**, Kuczynski K, Isaacson S, Phanuphak N, Kroon E, Ananworanich J, Colby D, Saccalan D, Prueksakaew P, Tipsuk S, Henderson GE. July 2020. What does “HIV cure” mean to acutely diagnosed Thai individuals invited to remission trials with ATI? AIDS 2020: 23<sup>rd</sup> International AIDS Conference, virtual.

Henderson GE, Jupimai T, Ormsby N, Rennie S, **Cadigan RJ**, Kuczynski K, Isaacson S, Phanuphak N, Kroon E, Ananworanich J, Colby D, Saccalan D, Vasana S, Prueksakaew P, Benjapornpong K, Gwaltney A, Peay HL. July 2020. Willingness to participate in short and extended analytic treatment interruption (ATI) during HIV remission trials. AIDS 2020: 23<sup>rd</sup> International AIDS Conference, virtual.

Peay HL, Isaacson S, Ormsby N, Corneli A, **Cadigan RJ**, Henderson GE. July 2019. How do HIV cure trial researchers respond to an embedded social science study? IAS HIV & HBV Cure Forum, Mexico City.

Meagher KM, **Cadigan RJ**, Henderson GE, Juengst ET. April 2018. Ethics at the intersection of public health genomics and biobanking. ACMG Annual Clinical Genetics Meeting, Charlotte, NC.

Butterfield RM, Evans JP, Rini C, Kuczynski K, Waltz M, **Cadigan RJ**, Goddard KAB, Muessig K, Henderson GE. April 2018. Returning negative results to individuals in a genomic screening program: Lessons learned. ACMG Annual Clinical Genetics Meeting, Charlotte, NC.

Muessig KR, Kuczynski K, Butterfield R, Himes P, Gilmore M, Westaway S, Powell BC, Berg JS, **Cadigan RJ**, Weck K, O’Daniel J, Foreman K, Goddard KAB, Evans JP, Henderson GE. October 2017. Targeted genomic screening in unselected adults. American Society of Human Genetics Annual Meeting, Orlando, FL.

**Cadigan RJ**, Butterfield R, Goddard K, Kuczynski KJ, Muessig K, Rini C, Henderson GE. June 2017. Online education and e-consent for GeneScreen, a preventive genomic screening research study. ELSI Congress: Genomics and Society: Expanding the ELSI Universe, Farmington, CT.

Saylor K, **Cadigan RJ**, Henderson GE. June 2017. Biobank formalization and biospecimen ownership in US biobanks. ELSI Congress: Genomics and Society: Expanding the ELSI Universe, Farmington, CT.

Waltz, M, **Cadigan RJ**, Skinner D, Henderson GE. June 2017. Age and the harms and benefits of population level genomic screening. ELSI Congress: Genomics and Society: Expanding the ELSI Universe, Farmington, CT.

Waltz M, **Cadigan RJ**, Prince AER, Skinner D, Henderson GE. April 2017. Age and public understanding of population level genomic screening. NHGRI Research Training and Career Development Annual Meeting, St. Louis, MO.

Meagher K, **Cadigan RJ**, Juengst ET, Henderson GE. April 2017. Ethics at the intersection of public health genomics and biobanking. NHGRI Research Training and Career Development Annual Meeting, St. Louis, MO.

**Cadigan RJ**, Butterfield R, Evans JP, Foreman AK, Goddard K, Kuczynski KJ, Muessig K, Prince AE R, Reuland D, Rini C, Roche MI, Van Riper M, Skinner D, Henderson GE. October 2016. Online education and e-consent for preventive genomic screening: the GeneScreen pilots. American Society of Human Genetics Annual Meeting, Vancouver, Canada.

Davis AM, **Cadigan RJ**, Joyner B, Kuhn J, Lovrich R, Ossman P. May 2016. UNC residents' self-assessed ethics knowledge and their clinical practice: Preliminary survey findings. Academy of Educators—Alan Cross Evening of Scholarship, UNC, Chapel Hill.

Moses E, **Cadigan RJ**, Peticolas K, Davis AM. May 2016. All hands on deck: The interdisciplinary approach to clinical ethics consultation. 12<sup>th</sup> International Conference on Clinical Ethics Consultation, Washington, DC.

**Cadigan RJ**, Kappelman MD, Gulati AJ, Cook SF, Kaufman D, Haldeman K, Kuczynski K, Sandler RS, Martin CF, Chen W, Long MD. May 2015. Keep or destroy? Attitudes of patients with inflammatory bowel diseases on biospecimen handling at biobank closure. Digestive Disease Week, AGA Institute Council, Washington, DC.

Prince AER, **Cadigan RJ**, Conley JM, Lázaro-Muñoz G, Davis AM. March 2015. From non-disclosure to automatic placement in medical records. American College of Medical Genetics and Genomics (ACMG) Clinical Genetics Meeting, Salt Lake City, UT.

Long MD, **Cadigan RJ**, Cook S, Kaufman D, Kuczynski K, Haldeman K, Sandler RS, Martin CF, Chen W, Kappelman M. December 2013. Perceptions of patients with inflammatory bowel diseases on biobanking in the CCFA Partners Cohort. Advances in Inflammatory Bowel Diseases Crohn's & Colitis Foundation's Clinical & Research Conference, Hollywood, CA.



Michie MM, **Cadigan RJ**, Henderson G, Beskow LM. December 2011. Am I a control? Genotype-driven research recruitment and self-understandings of study participants. PRIM&R 2011 Advancing Ethical Research Conference, Washington, DC.

**Cadigan RJ**. March 2004. Freaks and freaking: A qualitative study of sexuality and peer victimization among early adolescents. The Society for Research on Adolescence Biennial Meeting, Baltimore, MD.

**Cadigan RJ**. April 2003. Understanding peer harassment in an urban middle school: The benefits of a qualitative approach. The Society for Research on Child Development Biennial Meeting, Tampa, Florida.

### *Invited Presentations*

Prince, AER, **Cadigan, RJ**. January 2023. Beyond the Medical: Polygenic Scores for Social Traits. Center for Genomics and Society webinar (UNC), (virtual event).

Brothers KB, **Cadigan RJ**, Goldenberg AJ. January 2021. Impact of COVID-19 on Biobank ELSI. Panel Presentation, Center for ELSI Resources and Analysis Friday Forum. Symposium/Panel Title: Biobanking in the Era of COVID, (virtual event).

**Cadigan RJ**, Henderson G, Goldenberg A, Brothers K. November 2020. Neglected ethical issues in biobanking. National Institute of Environmental and Health Sciences (NIEHS), NIH, (virtual event).

Brothers K, **Cadigan RJ**, Goldenberg A. July 2020. Neglected ethical issues in biobanking: Addressing issues of sustainability, utilization, and stewardship. ISBER 2020 Educational Program Series, (virtual event).

**Cadigan RJ**, Henderson G. April 2020. Neglected ethical issues in biobanking. National Cancer Institute (NCI) ENRICH Forum, (virtual event).

**Cadigan RJ**. April 2019. Respecting autonomy when patients and providers have different sociocultural beliefs. Clinical Update and Psychopharmacology Review, Southern Regional AHEC, McKimmon Center, Raleigh, NC.

Lyerly AD, **Cadigan RJ**. April 2015. The PHASES Project (Pregnancy and HIV/AIDS - Seeking Equitable Study). Bioethics at UNC (BUNC) Interest Group, UNC, Chapel Hill.

**Cadigan RJ**, Davis AM. January 2015. Beyond the boilerplate: Considering ethical, legal and social issues in biobanking. Center for Pain Research and Innovation Pain Seminar, UNC, Chapel Hill.

**Cadigan RJ**. December 2011. The MURDOCK Study: Creating a genetic community. Department of Social Medicine Faculty Forum, UNC, Chapel Hill.

**Cadigan RJ**, Michie, M. April 2011. Return of results in research with biospecimens: Participants' reflections. Research Triangle Institute International. IRB Member Briefing. RTP, NC.

**Cadigan RJ**, Michie, M. March 2011. Genotype-driven research recruitment: Research participants' reflections on return of results. Center for Genomics and Society Seminar, UNC, Chapel Hill.

**Cadigan RJ**. February 2006. Constructing loners: Peer harassment in a middle school. Developmental Forum, Department of Psychology, UNC, Chapel Hill.

Vernon-Feagans L, Cox M, Burchinal M, Skinner D, The Family Life Project Investigators. (Presented by **Cadigan RJ**, Mills-Koonce R, Garrett-Peters P, Willoughby M). April 2005. An update on the Family Life Project: Poverty in non-urban America. Frank Porter Graham Child Development Institute Brown Bag Series, UNC, Chapel Hill.

**Cadigan RJ**, Nishina A. June 2003. Applications of ethnography and daily report methodology to the study of peer harassment. Developmental Forum, Department of Psychology, UCLA.

## TEACHING ACTIVITIES

### *Courses*

#### School of Medicine

Fall 2019: Social and Health Systems 1: Social Dimensions of Illness and Doctoring, UNC School of Medicine. 12 students.

Fall 2019: Social and Health Systems 3: Navigating Ethical Dilemmas in Patient Care, UNC School of Medicine. 14 students.

Spring 2019: Social and Health Systems 2: Medical Ethics and the Health Care System, UNC School of Medicine. 13 students.

Fall 2018: Social and Health Systems 1: Social Dimensions of Illness and Doctoring, UNC School of Medicine. 13 students.

Spring 2018: Social and Health Systems 2 (formerly Professional Development 2): Medical Ethics and the Health Care System, UNC School of Medicine. 13 students.

Fall 2017: Social and Health Systems 1 (formerly Professional Development 1): Social Dimensions of Illness and Doctoring, UNC School of Medicine. 13 students.

Spring 2017: Professional Development 2: Medical Ethics and the Health Care System, UNC School of Medicine. 14 students.

Fall 2016: Professional Development 1: Social Dimensions of Illness and Doctoring, UNC School of Medicine. 13 students.

#### School of Law

Spring 2020: Biotechnology and Life Sciences Law (Law 294W.1), UNC School of Law. 16 students. (co-taught with J.M. Conley)

Spring 2018: Biotechnology and Life Sciences Law (Law 294W.1), UNC School of Law. 12 students. (co-taught with J.M. Conley)

Spring 2017: Biotechnology and Life Sciences Law (Law 294W.1), UNC School of Law. 8 students. (co-taught with J.M. Conley)

#### Duke University

Spring 2019: Clinical Bioethics and Health Policy (Bioethic 603S), The Duke Initiative for Science & Society. A core course for students in the MA program in Bioethics. 18 students.

### ***Lectures***

#### ***Undergraduates***

The ethics of human genome editing. Guest lecture in Biol590 Genome Engineering in Biology, Medicine and Society, UNC-CH. April 12, 2022.

Ethics in the healthcare professions. Panelist and case discussion facilitator for session for undergraduates interested in careers in healthcare. Sponsored by the UNC Center for Bioethics and the Parr Center for Ethics. March 31, 2022.

Henrietta Lacks, biobanking, and ownership of specimens and data. Guest lecture in Explorations in Genomics Medicine Research, a virtual summer class offered by the UNC Program for Precision Medicine in Health Care (PPMH). May 26, 2021.

#### ***Medical and Graduate Students***

Clinical Ethics Discussion Group, co-faculty advisor (with Arlene Davis) for student interest group. 2020-present (at least two discussion sessions per year).

Human Gene Editing: Science, Ethics, and Policy. Science Policy X Bioethics panel, UNC School of Medicine. February 28, 2023.

Clinical and research ethics: Case discussion. Guest lecture in Howard Holderness Distinguished Medical Scholars Program Seminar, UNC School of Medicine. April 28, 2022.

Is that an ethics question or a legal question? It might be both. Case discussion leader for Clinical Ethics Discussion Group and Carolina Health Law Organization, UNC School of Medicine. April 1, 2022.

So you have to write an ethics essay. Case discussion leader for Clinical Ethics Discussion Group for first year medical students, UNC School of Medicine. February 21, 2023; February 17, 2022; February 23, 2021.

Clinical ethics elective (SOCM412). Recurring guest lectures on research ethics and reproductive ethics, UNC School of Medicine, October 8, 2021; September 14, 2021; September 9, 2021.

Ethical issues in clinical and research settings. Recurring guest lecture (often with Arlene Davis) in Science of Medicine (Christine Kistler and Camille Ehre), UNC School of Medicine:

- September 13, 2021; July 12, 2021; June 14, 2021; May 14, 2021; August 31, 2020; May 22, 2020; May 5, 2020; April 17, 2020; April 13, 2020; March 9, 2020; February 17, 2020; January 22, 2020; November 4, 2019; October 7, 2019; June 10, 2019; February 11, 2019; October 9, 2018; April 16, 2018; February 12, 2018; January 19, 2018; October 9, 2017; July 17, 2017; April 10, 2017; February 13, 2017; September 9, 2016; July 11, 2016

Case discussion leader in Clinical Ethics Discussion Group for first year medical students, UNC School of Medicine: September 11, 2020; September 6, 2019; September 18, 2018; April 5, 2018; October 25, 2017; September 15, 2015.

Nursing practice: Clinical ethics and services. Recurring guest lecture (sometimes with Sara Scarlet or Liz Sonntag) in UNC Nursing Resident Orientation Program: April 8, 2019; October 1, 2018; April 9, 2018; October 9, 2017

Talking about ethical issues in clinical and research settings: A contextualized refresher. Recurring guest lecture (with Arlene Davis) in Science of Medicine, UNC School of Medicine:

- April 8, 2016; March 11, 2016; February 19, 2016; October 9, 2015; August 21, 2015; April 17, 2015

Human biospecimen research. Recurring guest lecture in Responsible Conduct of Research (in Alisa Wolberg and Chris Mack's classes), UNC Biological & Biomedical Sciences Program:

- February 24, 2016; February 22, 2016

Clinical ethics. Guest lecture (with Arlene Davis) in Oncology Core course for nurses, UNC Hospitals:

- October 16, 2015; February 23, 2015

Ethics in medical research. Guest lecture in Professional Development 2 (Jon Oberlander), UNC School of Medicine, March 18, 2015.

Mixed methods research: Integrating quantitative and qualitative data. Guest lecture (with Michael Willoughby) in Education 301 "Fundamentals of Educational Research" (Lynne Vernon-Feagan). UNC School of Education, November 2005.

Using ethnography to study peer culture and harassment: Going back to middle school. Guest lecture in Psychology M242D, "Developmental Psychology—Social Development and Education" (Jaana Juvonen). University of California, Los Angeles February 2004.

### ***Residents***

Crafting a Qualitative Interview Study. Workshop for Hospital Ethics Committee interns (co-facilitated with Arlene Davis and Maggie Waltz) at the UNC School of Medicine. January 30, 2018.

Making it visible: Ethics in the practice of radiology. Guest lecture (with Arlene Davis) at Radiology Residents Conference, UNC Hospitals. February 22, 2017.

### ***Grand Rounds***

Waltz M, Scarlet S, **Cadigan RJ**, Olm-Shipman C, Davis A. (presented by M. Waltz & S. Scarlet). Clinical inertia in critical care: Lessons from ethics consultations. Palliative Care Grand Rounds, UNC, Chapel Hill, May 30, 2018.

Walker R, **Cadigan RJ**, Gala G. What does “respect for autonomy” really mean? Clinical Ethics Grand Rounds, UNC, Chapel Hill, April 5, 2018.

Prince A, **Cadigan RJ**. Automatic placement of genomic research results in medical records. Research Ethics Grand Rounds, UNC, Chapel Hill, November 19, 2015.

**Cadigan RJ**. Neglected ethical issues in biobank management: Results from a national study. Research Ethics Grand Rounds, UNC, Chapel Hill, October 18, 2012.

### ***Clinical Teaching***

Clinical Course Creation: GME Ethics Elective. Developed with Diya Jost, Rimma Osipov, and Arlene Davis as an approved residency 2-4 week elective adaptable to any of the UNC residency programs. First offered in 2020.

### ***Postdoctoral Supervision, Committees***

Margaret Waltz, PhD 2016-2019; Center for Genomics and Society, Department of Social Medicine; Postdoctoral Mentorship Committee

Karen Meagher, PhD 2017-2018; Center for Genomics and Society, Department of Social Medicine; Postdoctoral Mentorship Committee

### ***Research Supervision***

Margaret Waltz, PhD 2019-present; Research Associate, Department of Social Medicine

Shenuka Singh, DDS 2018-2022; PhD candidate in Clinical and Research Ethics, Department of Medicine, Stellenbosch University, South Africa

Paige Della-Penna, BS 2019, summer; 2020, summer; MD student

Elizabeth Sonntag, MD 2019-2020; Pulmonary Diseases and Critical Care fellow

Sara Scarlet, MD 2016-2018; Department of Surgery resident

Kate Saylor, MS 2016-2019; Center for Genomics and Society predoctoral trainee

Elizabeth Brassfield, BS 2016-2018; MD-PhD student

Anya Prince, JD, MPH 2014-2016; Center for Genomics and Society postdoctoral trainee

Gabe Lázaro-Muñoz, PhD, JD 2013-2016; Center for Genomics and Society postdoctoral trainee

Dragana Lassiter, MA 2011-2013; Center for Genomics and Society predoctoral trainee;  
Graduate research assistant, “From Specimen to Biobank: Using an Organizational Perspective to Study ELSI Issues” (1R01HG005227-01A1 G. Henderson, PI)

Kaaren Haldeman, PhD 2011-2013; Research associate, “From Specimen to Biobank: Using an Organizational Perspective to Study ELSI Issues” (1R01HG005227She-01A1 G. Henderson, PI)

Eric Reavely, PhD 2011-2012; Postdoctoral scholar, “From Specimen to Biobank: Using an Organizational Perspective to Study ELSI Issues” (1R01HG005227-01A1 G. Henderson, PI)

## GRANTS

### *Active*

1R01-HG012402-01 Cadigan, RJ; Prince, A. (MPI) 06/13/2022-03/21/2026  
NIH NHGRI

*Beyond the Medical: The ELSI of Polygenic Scores for Social Traits*

Role: co-Principal Investigator, 25%

Amount: \$711,500 annual

1R01HG011598-01 Brothers, K.; Cooper, G (MPI) 07/01/2021-06/30/2025

NIH National Human Genome Research Institute

*Utility of Genome Sequencing in Community Care Contexts*

Role: site Principal Investigator, 15%

Amount: \$35,681 annual

1R01HG010661-01A1 Cadigan, RJ; Juengst, E. (MPI) 05/2020-02/2024

NIH National Human Genome Research Institute

*Incidental Enhancement: Addressing a Neglected Policy Issue in Human Genome Editing*

Role: co-Principal Investigator, 50%

Amount: \$499,999 annual direct

### *Completed*

UL1TR002489-01 Buse, J. (PI) 03/2018-  
02/2023

NIH

*UNC Clinical and Translational Science Award*

Role: Investigator, 5%

Amount: \$6,028,298

U01HG006487 Berg, J. (PI) 06/2021 –  
05/2022

NIH National Human Genome Research Institute

*North Carolina Clinical Genomic Evaluation by Next-gen Exome Sequencing 2*

Role: Investigator, 25%

Amount: \$2,748,319

1R01HG008988-01A1 Brothers, K.; Goldenberg, A. (MPI) 8/2016-7/2021  
 NIH National Human Genome Research Institute  
*Addressing Ethical Challenges in Networked Biorepositories*  
 Role: Subcontract PI, 15%  
 Amount: \$20,029 annual direct

3UL1TR002489-02S1 Buse, J.; Carey, T. (MPI) 08/2019-02/2021  
 NIH Office of Science Policy  
 UNC Clinical Translation Science Award Supplement  
*Anticipating a Neglected Issue in Genome Editing Governance*  
 Role: Investigator, 20%  
 Amount: \$155,500

1R01AI127024-01 Henderson, G. (PI) 6/2016-5/2020  
 NIH National Institute of Allergy and Infectious Diseases  
*Integrating Decision Making Studies into HIV Cure Trials: A Real Time Longitudinal Assessment*  
 Role: Investigator, 25%  
 Amount: \$384,900 annual direct

1P50 HG004488-01 Henderson, G. (PI) 10/2007-5/2018 (NCE to 5/2019)  
 NIH National Human Genome Research Institute  
*Center for Genomics and Society*  
 Role: Investigator, 45%  
 Amount: \$750,000 annual direct [Renewal awarded, 2013-2018]

Davis, A. (PI) 7/2017-6/2018  
 AHEC Campus Innovation Grant Fund  
*Using Simulation to Assess Ethical Skills in the Context of ACGME Residency Milestones*  
 Role: Investigator, 7.5%  
 Amount: \$26,623

UL1TR001111-03 Buse, J. (PI) 9/2013-4/2018  
 NIH  
 UNC Clinical and Translational Science Award  
 Role: Research Ethics Core Member, 10%  
 Amount: \$7,409,424

1R56AI108368-01 Lyerly, A. (PI) 8/2013-7/2015 (NCE)  
 NIH National Institute of Allergy and Infectious Diseases  
*Advancing HIV Research During Pregnancy: Ethics and Engagement*  
 Role: Project Director  
 Amount: \$712,833

U54RR024382-01A1 Runge, M. (PI) 09/2011-4/2013

NIH  
UNC Clinical Translation Science Award Supplement  
*Enhancing Biobank Capacities Across CTSA*  
Role: Investigator  
Amount: \$130,000

1R01HG005227-01A1 Henderson, G. (PI) 9/2010-8/2012 (NCE)  
NIH National Human Genome Research Institute  
*From Specimen to Biobank: Using an Organizational Perspective to Study ELSI Issues*  
Role: Research Associate  
Amount: \$406,000

1RC HG005787-01 Beskow, L. (PI) 09/2009-10/2011  
NIH National Human Genome Research Institute  
*Ethical Approaches to Genotype-Driven Research Recruitment*  
Role: Research Associate  
Amount: \$72,278 subcontract

## **PROFESSIONAL SERVICE**

### ***To Discipline***

Member, Institutional Review Board (IRB), RTI International, 2021-present.

Member, Observational Safety Monitoring Board, DCM Precision Medicine Study, NHLBI, April 2016-present.

Member, Observational Safety Monitoring Board, PVDOMICS Study, NHLBI, June 2015-present.

Grant Proposal Reviewer, a friendly peer review organized by Genome Québec for Genome Canada's "2017 Large-Scale Applied Research Project Competition: Genomics and Precision Health." April 2017.

### ***Within UNC-Chapel Hill***

Member, School of Medicine Well-Being Committee, 2022-present

Member, Academy of Educators Award Selection Committee, 2021-present

Member, SOM TUFFF (Teaming Up to Further Fixed Faculty) Committee, 2021-present

Co-Faculty Advisor, Clinical Ethics Discussion Group, School of Medicine, 2020-present.

Lead Consultant, Clinical Ethics Service, UNC School of Medicine and UNC Health, 2020-present.

Member, School of Medicine Task Force to Review APT Guidelines, 2020

Member, UNC Hospital Ethics Committee, 2014-present.

Consultant, UNC NC TraCS Research Ethics Consultation Services, July 2013-present.

Member, Department of Social Medicine Faculty Development Committee, 2016-2018.



Member of the committee to redesign the Responsible Conduct of Research course required of all graduate students in the UNC Biological & Biomedical Sciences Program, 2015-2016.

***Other***

Peer Journal Reviewer: *Biopreservation & Biobanking; Genetics in Medicine; Journal of General Internal Medicine; American Journal of Public Health; BMC Medical Genomics, Public Health Genomics, Journal of Community Genetics, New Genetics and Society; AJOB Empirical Bioethics.*

**PROFESSIONAL MEMBERSHIPS**

American Society for Bioethics and Humanities (ASBH)