

# ANYA PRINCE

University of Iowa College of Law  
anya-prince@uiowa.edu | (319) 335-9060

## WORK EXPERIENCE

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<b>University of Iowa College of Law</b> Joseph F. Rosenfield Fellow in Law Professor Associate Professor Courses: Torts, Healthcare Quality and Regulation, Healthcare Finance and Delivery, Insurance Law, Genetics and the Law, Medical Tutorial for Law Students	<i>Iowa City, IA</i> 1/24-present 7/22-present 8/17-6/22
<b>University of Iowa Carver College of Medicine</b> Affiliate Faculty – Program in Bioethics and Humanities	<i>Iowa City, IA</i> 9/17-present
<b>Berkeley Law School</b> William T. Barker Distinguished Visiting Professor of Insurance Law	<i>Berkeley, CA</i> Spring 2023
<b>National Institutes of Health (NIH) Department of Bioethics</b> <i>Bethesda, MD</i> Visiting Scholar	Spring 2023; 2024-2025
<b>Indiana University Robert H. McKinney School of Law</b> Visiting Assistant Professor (VAP)	<i>Indianapolis, IN</i> 8/16-5/17
<b>Center for Genomics and Society (CGS) at University of North Carolina</b> Department of Social Medicine, UNC School of Medicine Post-Doctoral Research Associate Post-Doctoral Research Fellow UNC Hospital Ethics Committee Intern	<i>Chapel Hill, NC</i> 9/15-8/17 1/14-9/15 7/14-8/16
<b>UNC School of Law</b> Adjunct Assistant Professor	<i>Chapel Hill, NC</i> 1/16-5/16
<b>Cancer Legal Resource Center (CLRC) at the Disability Rights Legal Center</b> Staff Attorney Skadden Fellow	<i>Los Angeles, CA</i> 8/12-11/13 8/10-8/12

## EDUCATION

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<b>Georgetown University</b> Juris Doctor, <i>cum laude</i> Master of Public Policy	<i>Washington, DC</i> May 2010
<b>University of California Los Angeles</b> Bachelor of Arts, <i>cum laude</i> , Political Science,	<i>Los Angeles</i> June 2004

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## FORTHCOMING PUBLICATIONS

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*Scanning the Horizon of Sociogenomics: An Assessment of the Development and Growth of Polygenic Scores for Social Traits* (senior author with Courtney Canter, Karen Meagher, R. Jean Cadigan, Amy Koopmann, Sara Watson, Matthew Kucmanic, Seung Woo Ban, Thanh Tran, Maria Hromenco, Kathleen Foley, Shawneequa Callier, Jeremy Lamb).

## BOOK CHAPTERS AND LAW REVIEWS

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*Artificial Intelligence: Attempts at Developing an Ethical Approach for its Use in Insurance* in RESEARCH HANDBOOK ON INTERNATIONAL INSURANCE LAW & REGULATION (2<sup>ND</sup> EDITION) (Julian Burling & Kevin Lazarus eds., Edward Elgar 2024) (with Seamus Taylor)

*Reproductive Health Surveillance*, 64 BOSTON COLLEGE LAW REVIEW 1077 (2023)

*Disclosing Privacy and Discrimination Protections in Informed Consent*, 33 HEALTH MATRIX 79 (2023)

*Anti-selection & Genetic Testing: An Interdisciplinary Perspective*, 50 JOURNAL OF LAW, MEDICINE, AND ETHICS 139 (senior author with Dexter Golinghorst, Aisling De Paor, Yann Joly, Angus MacDonald, Margaret Otlowski, Richard Peter) (2022)

*Location as Health*, 21 HOUSTON J. HEALTH L. & POL'Y 43 (2021)

*Hidden Trade-offs in Insurance Wellness Programs*, 2021 MICH. S. L. REV. 2 (2021).

*Consuming Genetics as an Insurance Consumer*, in CONSUMER GENETIC TECHNOLOGIES: ETHICAL AND LEGAL CONSIDERATIONS (I. Glenn Cohen, Nita A. Farahany, & Henry T. Greely eds, Cambridge University Press. 2021).

*The Problems with Patchwork: State Approaches to Regulating Insurer Use of Genetic Information*, 22 DEPAUL J. OF HEALTH CARE LAW 1 (2021) (senior author with Jarrod Anderson and Anna C.F. Lewis).

*Proxy Discrimination in the Age of Artificial Intelligence and Big Data*, 105 IOWA LAW REVIEW 1257 (2020) (with Daniel Schwarcz)

*The Genetic Information Nondiscrimination Act (GINA) of 2008*, in GENETIC DISCRIMINATION – TRANSATLANTIC PERSPECTIVES ON THE CASE FOR A EUROPEAN LEVEL LEGAL RESPONSE (Gerald Quinn, Aisling de Paor, & Peter Blanck eds, Routledge 2014) (with Michael Waterstone).

*Gene Therapy*, in INNOVATION, DUAL USE, AND SECURITY: MANAGING THE RISKS OF EMERGING BIOLOGICAL AND CHEMICAL TECHNOLOGIES (Jonathan Tucker ed, MIT Press 2012) (with Gail Javitt).

*When Does an Illness Begin: Genetic Discrimination and Disease Manifestation*, 40 J. L. MED. & ETHICS 655 (2012) (with Benjamin Berkman).

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## SELECTED PEER-REVIEWED JOURNAL ARTICLES AND COMMENTARIES

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*Ready, Set, Sort! A User-Guide to Card Sorts for Community-Engaged Empirical Bioethics*, J. EMPIRICAL RESEARCH ON HUMAN RESEARCH ETHICS (*in publication*)

*GINA and Workplace Genetic Testing: Knowledge and Perceptions of Employed Adults in the US*, J. GEN. COUNSELING (2024) (with Lindsay Willard, Wendy Uhlmann, Drew Blasco, Subhamoy Pal, & J. Scott Roberts).

*A Proposal for an Inclusive Working Definition of Genetic Discrimination to Promote a More Coherent Debate*, NATURE GENOMICS, 1-7 (2024) (with Beatrice Kaiser, Diya Uberoi, Maili C. Raven-Adams, Katherine Cheung, Andreas Bruns, Subhashini Chandrasekharan, Margaret Otlowski, Jane Tiller, Arzoo Ahmed, Yvonne Bombard, Charles Dupras, Palmira Granados Moreno, Rosalyn Ryan, Augusto Valderrama-Aguirre, Yann Joly).

*Healthcare Utilization and Behavior Changes Following Workplace Genetic Testing at a Large US Healthcare System*, 26 GENETICS IN MED. 101160 (2024) (with Elizabeth Charnysh, Subhamoy Pal, Jonathan M. Reader, Wendy R. Uhlmann, Sarah McCain, Kunal Sanghavi, Drew Blasco, Rachael Brandt, William Gregory Feero, Rebecca Ferber, Veda N. Giri, Katherine Hendy, Charles Lee, & J. Scott Roberts).

*The Genetic Information Privacy Act: Drawbacks and Limitations*, 330 JAMA 2049 (2023).

*The Limits of a Voluntary Framework in an Unethical Data Ecosystem*, 23 THE AMER. J. BIOETHICS 39 (2023) (with Leah R. Fowler & Michael R. Ulrich)

*The Slippery Slope of Prenatal Testing for Social Traits*, 23 AMER. J. OF BIOETHICS 36 (2023) (senior author with Courtney Canter, Kathleen Foley, Shawneequa L. Callier, Karen M. Meagher, Margaret Waltz, Aurora Washington, R. Jean Cadigan & the Beyond the Medical R01 Research Team)

*Patient and Provider Perspectives on Polygenic Risk Scores: Implications for Clinical Reporting and Utilization*, 14 GENOME MED. 1 (*e-pub ahead of print*) (2022) (with Anna C. F. Lewis, Emma F. Perez, Hana R. Flaxman, Lizbeth Gomez, Deanna G. Brockman, Paulette D. Chandler, Benjamin J. Kerman, Matthew S. Lebo, Jordan W. Smoller, Scott T. Weiss, Carrie L. Blout Zawatksy, James B. Meigs, Robert C. Green, Jason L. Vassy & Elizabeth W. Karlson)

*How should we address the inevitable harms from non-negligent variant reclassification?* 32 JOURNAL OF GENETIC COUNSELING 18 (2022) (senior author with Misha Rashkin, Kerry Kingham, Karlena Lara-Otero, Meghan Mckenna, Janelle Villiers, Monty Mykolas Worthington)

*Addressing underrepresentation in genomics research through community engagement*, 109 AMER. J. HUMAN GENETICS 1563 (2022) (with Amy A. Lemke, Edward D. Esplin, Aaron J. Goldenberg, Claudia Gonzaga-Jauregui, Neil A. Hanchard, Julie Harris-Wai, Justin E. Ideozu, Rosario Isasi, Andrew P. Landstrom, Erin Turbitt, Maya Sabatello, Samantha A. Schrier Vergano, Matthew R.G. Taylor, Joon-Ho Yu, Kyle B. Brothers, & Nanibaa' A. Garrison)

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*The Goldilocks Conundrum: Disclosing Discrimination Risks in Informed Consent*, J. GENETIC COUNSELING (2022) (first author with Sonia M. Suter, Wendy R. Uhlmann, and Aaron M. Scherer) (e-pub ahead of print)

*Privacy and the Genetic Community*, 22 AMER. J. BIOETHICS 70 (2022) (second author with Marisa A. Leib-Neri)

*Voluntary workplace genomic testing: wellness benefit or Pandora's box?*, 2022 npj Genomic Medicine, (with Kunal Sanghavi, Betty Cohn, W. Gregory Feero, Kerry Ryan, Kayte Spector-Bagdady, Wendy R. Uhlmann, Charles Lee, J. Scott Roberts, and Debra J.H. Mathews)

*Genetic testing and insurance implications: Surveying the US general population about discrimination concerns and knowledge of the Genetic Information Nondiscrimination Act (GINA)*, 24 RISK MANAGEMENT & INSURANCE REVIEW 341 (2021), (first author with Wendy R. Uhlmann, Sonia M. Suter, and Aaron M. Scherer)

*The GDO: Confronting Novel Issues in Genetic Discrimination*, 37 TRENDS IN GENETICS 951 (2021) (with Yann Joly, Katherine Huerne, Mykhailo Arych, Yvonne Bombard, Aisling De Paor, Edward S. Dove, Palmira Granados Moreno, Calvin W.L. Ho, Chih-Hsing Ho, Ine Van Hoyweghen, Hannah Kim, Audrey Lebet, Timo Minssen, Katharina O. Cathaoir, Anya E.R. Prince, Athira P.S. Nair, Margaret Otlowski, Michael S. Pepper, Rob Sladek, Lingqiao Song, Torsten H. Voigt, Ma'n H. Zawati, Gratien Dalpé)

*The persistent lack of knowledge and misunderstanding of the Genetic Information Nondiscrimination Act (GINA) more than a decade after passage*, 23 GENETICS IN MEDICINE 2324 (2021) (senior author with Andrea Lenartz, Aaron M. Scherer, Wendy R. Uhlmann, Sonia M. Suter, Colleen Anderson Hartley)

### SELECTED OTHER PUBLICATIONS & MEDIA APPEARANCES

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Quoted in Megan Cerullo, *23andMe faces an uncertain future. Here's how to delete your DNA data*. CBSNews (October 15, 2024).

Quoted in Bobby Allyn, *23andMe is in trouble. What happens to all the DNA data?*, NPR (September 25, 2024).

*How artificial intelligence could make pregnancy discrimination in employment more common*, STATNEWS FIRST OPINIONS, November 30, 2023.

Anya E.R. Prince, *I Tried to Keep My Pregnancy Secret*, THE ATLANTIC, Oct. 10, 2022.

Anya E.R. Prince, *Location Data are Revealing Health Information*, THE REGULATORY REVIEW, Aug. 16, 2021.

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## SELECTED CONFERENCE PRESENTATIONS & INVITED TALKS (by topic)

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### \*Invited talks

#### Grant Research: Beyond the Medical – Genetic Testing for Social Traits

- \*”Ethical, Legal, and Social Implications (ELSI) of Genetic Testing for Social Traits, keynote presentation, The Advances in Social Genomics Conference, *Madison, WI* (June 2024).
- \*”Beyond the Medical: Polygenic Scores for Social Traits”, Children’s National Hospital, *virtual presentation* (April 2023)
- “Beyond the Medical: Polygenic Scores for Social Traits”, NIH Department of Bioethics Works-in-Progress, *Bethesda, MD* (April 2023)
- “Beyond the Medical: Polygenic Scores for Social Traits”, University of Iowa Genetics Cluster Research Updates, *virtual presentation* (January 2023)
- “Beyond the Medical: Polygenic Scores for Social Traits” (with Jean Cadigan), UNC Center for Genomics and Society Presentation, *virtual* (January 2023)
- “Beyond the Medical: Polygenic Scores for Social Traits and Consent Implications for Biobank Participants”, American Society of Bioethics and Humanities (ASBH) Annual Meeting, *Portland, OR* (October 2022)
- \*”Weaponization of Genomics” (panel member), ELSI Affinity Group Meeting, ASBH Annual Meeting, *Portland, OR*, (October 2022)

#### Topic: Reproductive Health and Privacy

- “Reproductive Health Privacy post-Dobbs”, American Society of Law, Medicine, and Ethics (ASLME), *Baltimore, MD* (June 2023)
- \*”Reproductive Privacy in a post-Dobbs World”, UPenn Bioethics Colloquium, *virtual presentation*, (April 2023)
- “Reproductive Privacy post-Dobbs”, University of Iowa College of Law, *Iowa City, IA* (March 2023)
- \*”The Crisis in Reproductive Health Privacy post-Roe, Ohio State University, *Columbus, OH* (February 2023)
- \*”Reproductive and Sexual Health Exceptionalism” (panel member), Mainstreaming Reproductive Health in Health Law, Policy, and Ethics at UCLA Law, *Los Angeles, CA* (February 2023)
- \*”Health Care Data Privacy and the Surveillance State” (panel member), Health, Equity and Law After Dobbs, *Washington, DC* (February 2023)

#### Topic: Proxy Discrimination

- “Insurance, Algorithmic Decision-making, and Discrimination”, 29<sup>th</sup> Conference on User Modeling Adaptation and Personalization, *virtual* (June, 2021)
- “Proxy Discrimination”, invited testimony at the National Council of Insurance Legislators (NCOIL) Special Committee on Race in Insurance Underwriting, *virtual* (December 2020)

#### Topic: Genetic Discrimination/Privacy

- Commenter Weit Life Science Law Scholars Workshop, *Chicago, IL* (September 2024)
- \*Genetic Privacy in the Civil Context, Berkeley Center for Law & Technology Privacy Law Forum – Life Sciences, *virtual* (November 2023)
- \*When It’s Not a No-Brainer: Wrapping Our Heads Around the Ever-Changing Ethical Dilemmas in Neurodegenerative Conditions, National Society of Genetic Counselors Annual Meeting, *Chicago, IL* (October 2023)
- \*Chasing Genomic Innovation: Equity, Ethics, and the Law, National Society of Genetic Counselors Annual Meeting, *virtual* (October 2023)

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## GRANTS & FELLOWSHIPS

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Transforming Genomics (external advisor)	5/24-present
Greenwall Foundation Bridging Bioethics (PI)	1/24-12/24
Emerging Challenges in Newborn Screening (external advisor)	4/23-12/24
Hospitals Sharing Patient Data (external advisor)	8/22-5/26
Beyond the Medical (Co-PI – R01) – NHGRI	6/22-5/26
ELSI of Workplace Genomic Testing (Co-I - R01) – NHGRI	9/20-2/25
DNA at the border (Workgroup member) – CERA	9/20-8/22
Orofacial Clefts and Genetic Sequencing: Ethical considerations (Co-I) – NIDCR	8/20-8/21
eMERGE IV (Consultant) – NHGRI	7/20-6/22
Pathway to Independence Award (PI - K99/R00) – NHGRI – 1R00HG008819	9/15-12/20
Postdoctoral Research Fellow at CGS – NHGRI funding	1/14-9/15
Skadden Fellowship Foundation Writing Stipend	2014
Skadden Foundation Public Interest Fellowship	8/10-7/12

## AWARDS

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University of Iowa Faculty Focus	Fall 2024
Shin Research Scholar, International Insurance Society Shin Research Excellence Award	2021
ASLME Health Law Scholar	2020
UNC Postdoctoral Award for Research Excellence	11/15
Trainee Travel Award - Conference to Eliminate Health Disparities in Genomic Medicine	9/14

## UNIVERSITY OF IOWA SERVICE

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### College of Law Service

- Faculty DEI Committee (2022-2023)
  - Chair (Fall 2023)
- Intellectual Life Committee (2021-2024)
  - Co-chair (2022-2024)
- EJP Faculty Advisor (2018-2024)
- Iowa Student Health Law Association Faculty Advisor (2020-present)
- Speakers Committee (2017-2021)
- SJD Dissertation Committee (2017-2021)
- Admissions Committee (2018-2019)
- School-wide Diversity Committee (2019-present)
- Internal Procedures (2020-2021)

### University Service

- Research and Discovery Development Team (2021-2022)
- Faculty Senate: At Large seat (2020-2023)
  - Funded Retirement and Insurance Committee (FRIC) (2020-2024)
- Human Pluripotent Stem Cell Committee (Fall 2018-present)
- Darwin Day Planning Committee (Summer 2019-2022)

### State Service

- Congenital and Inherited Disorders Advisory Committee (CIDAC), Iowa Department of Public Health (June 2019-June 2024), *appointed*
- Guest Lecture Medical Ethics, Des Moines University, *virtual* (April 2024)