Ranjodh Singh Dhaliwal

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Academic Appointments	**University of Notre Dame**

2021 - Present	**Ruth and Paul Idzik Collegiate Chair in Digital Scholarship** **Assistant Professor, Department of English** Affiliate • The Programs in Technology and Digital Studies and the Idzik Computing and Digital Technologies Minor • The Notre Dame Initiative on Race and Resilience • The Program in History and Philosophy of Science at the John J. Reilly Center for Science, Technology, and Values • The Lucy Family Institute for Data & Society • The Notre Dame Technology Ethics Center
2022 - Present	Concurrent Assistant Professor, Department of Film, Television, and Theatre
2023 - Present	Lucy Faculty Fellow, The Lucy Family Institute for Data & Society

Education	2015 – 2021	**University of California, Davis** Ph.D. in English Language and Literature with a Designated Emphasis in Science and Technology Studies (STS). Dissertation: *Rendering the Computer: A Political Diagrammatology of Technology* Committee: Colin Milburn (Chair), Timothy Lenoir, Joseph Dumit, and N. Katherine Hayles (Duke, UCLA)
	2013 - 2014	**University of Chicago** Graduate Student at Large
	2009 - 2013	**Indian Institute of Technology, Indore** B.Tech. in Computer Science and Engineering

Research and Teaching Fields	Critical Theory; Media Theory; Science & Technology Studies; History of Computing; Twentieth and Twenty-First Century Art, Literature, and Media; American Literature; Political Economy; Critical Race Studies; Cultural Studies; Infrastructure Studies; Critical Data and Information Studies; AI Studies; Critical Making; Digital Humanities; Game Studies; Human-Computer Interaction; SF Studies; Game Design.

Books	2.	*Rendering: A Political Anatomy of Computation* (Near Completion, Under Preparation for Peer-Review)
	1.	*Neural Networks* (with Théo Lepage-Richer and Lucy Suchman) (Published Open Access, December 2023) [For 'In Search of Media' series co-edited by Götz Bachmann, Timon Beyes, Mercedes Bunz, and Wendy Hui Kyong Chun and co-published by Meson Press and University of Minnesota Press]

Edited Scholarly Collections	2. *Images and (Infra)structures* (co-edited with Mal Ahern), "in-Focus" dossier, *Journal of Cinema and Media Studies* (JCMS) (Proposal accepted, Work under preparation for a 2025 publication) [contributions by Jim Malazita, Diana Ruiz, Kyle Stine, Derek Woods, Ranjodh Singh Dhaliwal, and Mal Ahern]
	1. *Ordinary Urban Speculations* (co-edited with Armin Beverunger, Randi Heinrichs, Ilia Antenucci, and Maja-Lee Vogt), special issue, in proposal stage. [contributions by Sebastian Vehlken, Regev Nathansohn, Liza Cirolia, Abdifatah Tahir, Tom Goodfellow, Niloufar Vadiati, Hilke Marit Berger, Annika Kühn, Manuela Hummel, Rico Herzog, Johanna Fischer, Luke Moffat, Sun-ha Hong, Matthew Hockenberry, and Aaron Shapiro]
Reviewed Publications in Journals and Conference Proceedings	8. Ranjodh Singh Dhaliwal, 'Law and Logistics: Influencing Semiconductor Production, in three acts,' *IEEE Annals of History of Computing*, special issue on "Logistical Histories of Computing" edited by Matthew Hockenberry and Miriam Posner. (Proposal and abstract conditionally accepted, article under peer-review).
	7. Zhang, Zheng, Jie Gao, Ranjodh Singh Dhaliwal, and Toby Jia-Jun Li. 'VISAR: A Human-AI Argumentative Writing Assistant with Visual Programming and Rapid Draft Prototyping'. In *Proceedings of the 36th Annual ACM Symposium on User Interface Software and Technology*. UIST '23. New York, NY, USA: Association for Computing Machinery, 2023. https://doi.org/10.1145/3586183.3606800. Project demo available at https://visar.app/ and https://www.youtube.com/watch?v=qmd03KFFy8Q. Code available at https://github.com/roryzhengzhang/VISAR.
	6. **Chang, E.Y., Jagoda, P., Grasso, J., McDonald, P.D., Dhaliwal, R.S., Boluk, S., LeMieux P., Chang A.Y., Stark D., Welsh T.J., Russell J., Bird, A. "Playing at SLSA: A Game Studies Stream Retrospective." *Configurations* 31, no. 4 (2023): 351-365. https://doi.org/10.1353/con.2023.a912115.
	5. Miller, Josh Aaron, Katherine Buse, Ranjodh Singh Dhaliwal, Justin Siegel, Seth Cooper, and Colin Milburn. "Wrapped in Story: The Affordances of Narrative for Citizen Science Games." In *Proceedings of the 18th International Conference on the Foundations of Digital Games*, pp. 1-11. 2023. https://doi.org/10.1145/3582437.3582443. ● Winner of a Best Paper Award, Foundation of Digital Games (FDG) Conference 2023, Lisbon. ○ 'Best Paper Watch' video by FDG available at https://www.youtube.com/watch?v=l-R55fh59_A.
	4. *Dhaliwal, Ranjodh Singh. "On Contemporary Image-Making: Celebrity Holograms, Tricky Ghosts, and Other Technologies of Political Bodies." *transmediale* journal (2023). https://2023.transmediale.de/en/text/on-contemporary-image-making ● Republication in a collected edition: ○ Dhaliwal, Ranjodh Singh. "On Contemporary Image-Making: Celebrity Holograms, Tricky Ghosts and Other Technologies of Political Bodies" In *A Short Incomplete History of Technologies That Scale*, with Asia Bazdyrieva, Ranjodh Singh Dhaliwal, Anthony Downey, FRAUD (Audrey Samson and Francisco Gallardo), Chris Lee, Jussi Parikka, Laura Tripaldi, edited by Nóra Ó Murchú and Janez F. Janša, p. 96-111. Ljubljana: Aksioma – Institute for Contemporary Art (2023). ● Also translated into German. ○ Dhaliwal, Ranjodh Singh, Jen Theodor (translator). "Zeitgenössische Imagepflege durch Bildtechnik: Promi-Hologramme, Trick-Gespenster und andere Technologien politischer Körper." *transmediale* journal

(2023). https://2023.transmediale.de/de/text/on-contemporary-image-making

3. Milburn, Colin, Katherine Buse, Ranjodh Singh Dhaliwal, Melissa Wills, Raida Aldosari, Patrick Camarador, Josh Aaron Miller, and Justin Siegel. "Join the Fold: Video Games, Science Fiction, and the Refolding of Citizen Science." *Design Issues* 39, no. 1 (2023): 70-87. doi: https://doi.org/10.1162/desi_a_00707.

2. Dhaliwal, Ranjodh Singh. "The Cyber-Homunculus: On Race and Labor in Plans for Computation." *Configurations* 30, no. 4 (2022): 377-409. doi: https://doi.org/10.1353/con.2022.0028.

1. Dhaliwal, Ranjodh Singh. "On Addressability, or What Even Is Computation?." *Critical Inquiry* 49, no. 1 (2022): 1-27. doi: https://doi.org/10.1086/721167.
   - <German Translation and Republication requested in the collected volume *Andere Kulturtechniken* (edited by Moritz Hiller and Angelika Seppi), published by Rombach Wissenschaft, under preparation, forthcoming in Fall 2024.>
   - Winner of the Society for Literature, Science, and the Arts (SLSA) Bruns Essay Prize 2020
   - Winner of the 2021 Graduate Writing Award from the Media, Science, and Technology (MST) Scholarly Interest Group (SIG) of the Society for Cinema and Media Studies (SCMS).

* Contribution by invitation, reviewed by journal editor(s).
** Short contribution, under 3000 words.

Contributions in Edited Volumes

7. *'Labor and Generative AI,' Predictions, edited by Mél Hogan, Stefan Laser, Edward Ongweso Jr. <Invited, open access, publisher yet to be determined, anticipated publication in 2024.>

6. *'An anti-racist camera?: On politics and practices of computational photography,' Ranjodh Singh Dhaliwal, "in Focus" dossier, *JCMS*. (Conditionally accepted, anticipated publication in 2025.)

5. Dhaliwal, Ranjodh Singh, Siegert, Bernhard. 'Knowing, Studying, Writing: History, Practice, and Other Doings with Technics,' *Technics: Media Technologies in the Digital Age*, edited by Nicholas Baer and Annie van der Oever (University of Amsterdam Press) [in copyediting, forthcoming, 2024].

4. Dhaliwal, Ranjodh Singh, Buse, Katherine. 'Science Fiction, Simulation, Code: Transmedia Design in the *Foldit* Narrative Project,' *Imagining Transmedia* (MIT Press) [in print, accepted after peer review, forthcoming, 2024] See https://mitpress.mit.edu/9780262547437/imagining-transmedia/.

3. 'Organic Division of Labor - Ergonomics/Cybernetics of Labor - Inorganic Division of Labor', Informatics of Domination, edited by Zach Blas, Melody Jue, and Jennifer Rhee. (Under contract with Duke University Press) [forthcoming in 2024].

2. *Dhaliwal, Ranjodh Singh. "Seeing with a Machine: Notes on Early Spatial Computing," *Designing the Computational, Imagining Computational Design*, edited by Theodora Vardouli and Daniel Cardoso Llach. (AR + D (Applied Research + Design) Publishing) [Published in November 2023]. More at https://www.lattice.space/topics/designing-the-computational-image-imagining-computational-design.

1. Dhaliwal, Ranjodh Singh. "Playing with Oneself: Six Notes on Fantasies and Frustrations of Famous Footballers." In *EA Sports FIFA: Feeling the Game*, edited by Raiford Guins, Henry Lowood and Carlin Wing, 145–160. New York: Bloomsbury Academic, 2022. doi: 10.5040/9781501375378.ch-007.

* Short contribution, under 3000 words.

Reviews and Review Essays	3.	Ranjodh Singh Dhaliwal. Review of Kyle Parry's *A Theory of Assembly: From Museums to Memes*, *Journal of Cinema and Media Studies*. <forthcoming in Winter 2024>
	2.	*Dhaliwal, Ranjodh Singh. "What Do We Critique When We Critique Technology?." *American Literature* 95, no. 2 (2023): 305-319. doi: https://doi.org/10.1215/00029831-10575091. [Field Review Essay on Thomas S. Mullaney, Benjamin Peters, Mar Hicks, and Kavita Philip (eds.), *Your Computer Is On Fire*; Precarity Lab, *Technoprecarious*; Nanna Bonde Thylstrup, Daniela Agostinho, Annie Ring, Catherine D'Ignazio and Kristin Veel (eds.), *Uncertain Archives: Critical Keywords for Big Data* for a special issue on "Critical AI: A Field in Formation" edited by Rita Raley and Jennifer Rhee]
	1.	Dhaliwal, Ranjodh Singh. "Everything the light touches is the other: A review of *Haunted Data*." *Studies in the Fantastic* 10 (2020): 97-100. doi: 10.1353/sif.2020.0017.

* Long contribution, over 5000 words.

| **Para-Academic and Public-Facing Writing** | 1. | 'Nobody wants to work anymore!' Vanderpump Rules Cluster, Avidly Channel at Los Angeles Review of Books. (Edited by Olivia Stowell and Jay Shelat) (with Sahana Srinivasan) <forthcoming> |
| | 1. | Buse, Katherine, and Ranjodh Singh Dhaliwal, 'Forgotten Futures: Hypnospace Outlaw (2019),' *Imaginary Papers* 16, Center for Science and the Imagination, Arizona State University, December 2023. Accessible at https://mailchi.mp/asu.edu/imaginarypapers16-dec2023 and https://csi.asu.edu/imaginary-papers/. |

Critical Making, Game Design, Digital Humanities, and Other Digital Projects	2023 - Present	Project Advisor, "VISAR: A Human-AI Argumentative Writing Assistant with Visual Programming and Rapid Draft Prototyping," Departments of Computer Science and English, University of Notre Dame. (working with Zheng Zhang, Toby Li, and Jie Gao) Project demo available at ahttps://visar.app/ and https://www.youtube.com/watch?v=qmd03KFFy8Q. Code available at https://github.com/roryzhengzhang/VISAR.
	2017 - 2023	"Narrativization of Foldit," National Science Foundation (NSF) Award #1627539 for 'Enhancement of Foldit.' (working with Colin Milburn, Justin Siegel, Melissa Wills, Katherine Buse, Seth Cooper, and Josh Aaron Miller) 2017 - 2021. Lead Developer, ModLab and Genome Center, UC Davis. 2021 - 2023. Developer and Researcher, UC Davis, Northeastern University, University of Chicago, and University of Notre Dame. - Nov 2019. Exhibited at 'SLSArcade,' SLSA 2019, Irvine, California. 'Best Paper Watch' video by FDG, for one of the publications, available at https://www.youtube.com/watch?v=l-R55fh59_A.
	2016 - 2019	"Frack! The Game," ModLab, UC Davis. (working with Joe Dumit) 2016 - 2017, 2018 - 2019. Project Director and Developer.
	2017	Data Visualization, Text Mining, and Project Management for 'English Broadside Ballad Archive' and 'FDA Comment Mining' projects, Digital Scholarship Lab (Shields Library) and Data Science Initiative, UC Davis. (working with Carl Stahmer and Charlotte Biltekoff)
	2017	Lead Designer, "Free Market," Alternate Reality Game (ARG), UC Davis. (working with Joy Miller and Jacob Hagelberg)

Fellowships, Visiting and Short-term Appointments	2023	*Short Term Senior Fellow, 'The New Real: Past, Present and Future of Computation and the Ecologization of Cultural Techniques' Research Project, Professur Geschichte und Theorie der Kulturtechniken, Bauhaus-Universität Weimar , funded by the NOMIS Foundation, Switzerland.
	2022 - 2023	*Affiliate Researcher, *Antikythera* Program, Berggruen Institute, Los Angeles, California.
	2020	Visiting Research Fellowship, Sonderforschungsbereich "Medien der Kooperation," Universität Siegen (Special Collaborative Research Center (CRC) "Media of Cooperation" at the University of Siegen), funded by the German Research Foundation (Deutsche Forschungsgemeinschaft, DFG).
	2020 - 2021	Provost's Dissertation Year Fellowship in the Arts, Humanities and Social Sciences, UC Davis
	2020 - 2021	Critical Theory Fellowship for the School of Criticism and Theory, Critical Theory at UC Davis
	2019 , 2020	Summer Dissertation Fellowship, Department of English, UC Davis
	2015 - 2016	**Jeffery and Marsha Gibeling Fellowship, University of California, Davis

* By Invitation.
** Selection through Nomination.
All other selections by an application process.

Grants, Awards, and Honors	**Individual Awards**	
	2023	Annual Research Theme Grant on 'Technology and the Social Good' (for 'Non-Capitalist Technologies'), Institute for Scholarship in the Liberal Arts, University of Notre Dame.
	2023	Architecture, Arts and Letters Research Seminar Grant, Institute for Scholarship in the Liberal Arts, University of Notre Dame.
	2022	Small Henkels Grant (for 're:compute : media technologies and alternate futures' symposium), Institute for Scholarship in the Liberal Arts, University of Notre Dame.
	2021	Graduate Writing Award for the best essay written by a graduate student member of the Media, Science, and Technology (MST) Scholarly Interest Group (SIG) in the Society of Cinema and Media Studies (SCMS), for "On Addressability, or what even is computing?".
	2020 - 2021	Linda Hall Library (Kansas City) Travel Fellowship
	2020 - 2021	UCHRI (University of California Humanities Research Institute) Graduate Student Dissertation Support Grant
	2020 - 2021	Exploratory Research Grant, Hagley Museum and Library (Unused due to the pandemic)
	2020	Edward Bruns Essay Prize for the best essay written by a graduate student member of the Society for Literature, Science, and the Arts (SLSA), for "On Addressability, or what even is computing?".
	2017	Honors, Preliminary Examination, Department of English, UC Davis: Fields of American Literature (1945-Present), Postcolonial Literature, and Media Technologies
	Collaborative Awards	

2023	Best Paper Award, Foundation of Digital Games (FDG) Conference 2023, Lisbon for "Wrapped in Story: The Affordances of Narrative for Citizen Science Games" (with Josh Aaron Miller, Katherine Buse, Justin Siegel, Seth Cooper, and Colin Milburn).
2023	'Teaching Beyond the Classroom Award' for <Galloping Gallows Arcade Hands-on Game History Session>, (with Matthew Payne and Ashlee Bird)
2022	Convening Grant Award, 'Data Poetics,' Lucy Family Institute of Data and Society, University of Notre Dame. (with Matt Kilbane, Ashlee Bird, Katherine Walden, and Scott Weingart)
2022	Convening Grant, Moment to See, Courage to Act (MSCA) Award for the 'Initiative for Sports and Play' (ISP), University of Notre Dame. (Member of the team led by Annie Coleman and Matthew Payne)
2020 - 2021	Transmedia Research Grant, Center for Science and the Imagination, Arizona State University (with Katherine Buse).
2018 - 2019	"Science/Fiction, Science/Media: Re-theorizing STS's Cultural Landscape," a multicampus graduate student working group. Grant Awarded by UCHRI (with Katherine Buse).
2018 - 2019	"Technoscience + Speculative Media Research Cluster," a Davis research cluster. Grant Awarded by Davis Humanities Institute (DHI) (with Katherine Buse, Colin Milburn, and Kris Fallon).
2016 - 2017	Game Studies Reading Group. Grant Awarded by the DHI (with Katherine Buse and Melissa Wills).

Other Awards

2022	'Beyond the Classroom' Teaching Grant, Undergraduate Studies Dean's Office, University of Notre Dame.
2020	Video Game Studies Special Interest Group Travel Grant, SCMS: 2020 (Declined after the conference was canceled due to novel Coronavirus/COVID-19).
2019	Summer Research Travel Award, Department of English, UC Davis.
2019	Travel Support by UC Davis Modlab for the Cardiff ScienceHumanities Summer School.
2018	Nominated to represent UC Davis at the 2018 Global Humanities Campus, Freie Universität, Berlin. Financial support awarded by DHI and the International Thematic Network, Principles of Cultural Dynamics.
2018	Annette K Baxter Travel Grant, American Studies Association.
2018	Travel Award (Datatopia Summer School), projekt bauhaus / Karlsruhe Institute of Technology (KIT) Chair for Theory of Architecture.
2018	IKKM-Princeton Media Studies Travel Award, Princeton-Weimar Summer School for Media Studies.
2016, 2017, 2018, 2019.	Miller Travel Funds, Department of English, UC Davis.
2016, 2017, 2018, 2019.	National Science Foundation (NSF) Travel award, SLSA.
2016, 2017, 2018, 2019.	SLSA Travel Award, SLSA.
2018	NSF Travel Award, Society for the History of Technology (SHOT).

2018	Travel Award for Post45 Graduate Symposium, Pot45, Yale.
2017	Travel Award for Society for Comparative Literature and the Arts (SCLA), SCLA.
2017	UCHRI Travel Grant for "Humanists @ Work" Graduate Workshop at Silicon Valley.

Invited Lectures and Talks

External Events

May 2024	\<Digital Humanities Talk, Departments of German and English, UC Santa Barbara> \<forthcoming>
Apr 2024	'AI and the Humanities' symposium talk + pedagogy discussion, Washington University at St. Louis. \<forthcoming>
Mar 2024	Weimar 'Reckoning with Everything' conference talk. \<forthcoming>
Feb 2024	Dartmouth 'Memetics and Mimesis' Symposium talk. \<forthcoming>
Sep 2023	"Addresses Become Computational: On Digital and Analog World Captures," Center for Diaspora Studies, Punjabi University, Patiala.
Aug 2023	"Ask anyone where it is!: How and why addresses became computational," School of Humanities and Social Sciences Lecture Series, Indian Institute of Technology, Indore.
Jun 2023	"Always Spatialize! Technics Between Postage And Posting," 'Andere Kultur Techniken' (Other Cultural Techniques) and 'Mit allem rechnen. Ökologien von Rechen- bzw. computationalen Praktiken' ('Reckoning with Everything: Ecologies of Computational Practices') colloquiums, Bauhaus-Universität Weimar.
Jun 2023	"The Material of Thought: ⌊Fire⌋Walls, ⊨Network⊨Bridges, and other infrastructural philosophies (in)action," 'Reckoning with Everything: Ecologies of Computational Practices' colloquium, Bauhaus-Universität Weimar.
May 2023	"The Logic of the Graphic On Parallelism and the Politics of Rendering," Inaugural Cinema and Media Studies Lecture Series, Department of Cinema and Media Studies, University of Chicago.
Feb 2023	"The Problem of Address: Searching Memories and Finding Subjects in the Age of Computation," Antikythera program, Berggruen Institute, Los Angeles.
Dec 2022	"Address-Abilities," Digital Theory Lab, New York University.
Apr 2022	"Computation and Capitalism," 'Screening Capital' course, Department of Modern Culture and Media, Brown University.
Mar 2022	"Programming Mythologies," Experiments at the borders of computational cultures, Departments of Anthropology, University College London and University of Notre Dame. Talk and the subsequent conversation with Gui Heurich and Luis Felipe R. Murillo available at https://www.ucl.ac.uk/anthropology/research/centre-digital-anthropology/research/activities/experiments-borders-computational-cultures and https://www.youtube.com/watch?v=_GV_s6ChOsI.
Mar 2021	"The Many Definitions of a Computer," Digital Studies Graduate Colloquium, University of Maryland.
Feb 2021	"Data Demands: On New Storytelling Practices of Old Data Regimes," Data and Drama Working Group, The Center for Digital Cultures (CDC), Leuphana

University, Lüneburg.

Intra-Institutional Events

Apr 2023	"Image-Making after Neural Media," 'digital/art/history' course, University of Notre Dame.
Oct 2022	" Neurons and their Networks: Science Fiction, Educational Media, and Two Tales of Scientific Controversies," History and Philosophy of Science Colloquium, University of Notre Dame.
Sep 2022	"Citizen Science Meets Science Fiction: Encouraging Gamers to Engage with Research," 'Ahead of the Game' lecture series, College of Arts and Letters, University of Notre Dame. Available at https://www.youtube.com/watch?v=pyDODrlG35g.
Sep 2022	"Designing Narratives," Design Graduate Seminar in an Art, Art History, and Design Department, University of Notre Dame.
Feb 2022	'Fiction and Computation,' American Area Seminar, Graduate Recruitment Day, Department of English.
Nov 2020	"Stories we don't tell: A narratology of data," CRC 'Media of Cooperation,' Universität Siegen.
Apr 2020	"Lacan and Cybernetics in/of the Machine," 'Media and (New) Materialism' graduate seminar, UC Davis.
Oct 2018	"On Interdisciplinary Research in Humanities," 'From Voting Rights to Video Games: First Year Research' seminar, Undergraduate Research Center, UC Davis.
Feb 2018	"Digitizing the Humanities, Humanizing the Digitization." 'From Pop Culture to Poverty: Discovering Research in the Humanities and Social Sciences' seminar, Undergraduate Research Center, UC Davis.
Nov 2017	"Worlds (of Warcraft) and Lords (of the Rings): Videogames and/as Fantasy Literature," 'Literature of Fantasy and the Supernatural' course, UC Davis.
Mar 2016	"Children's Literary History: Mexican Politics, Porfirio Díaz and Pam Muñoz Ryan's Esperanza Rising," 'Children's Literature' course, UC Davis.

Invited Conversations, and Workshops (See also, Invited Talks at Panels and Symposia Above)

External Events

April 2023	"Video Games and the Simulation of History: A Conversation," Mass Culture Workshop, University of Chicago. (with Katherine Buse)
Dec 2021	"Advice I wish I'd heard," 'Making it Work with a Background in STS' public panel, STS Futures Initiative, UC Berkeley and UCHRI.
May 2021	"T-Square, Spacewar!, and Interfaces of Early Spatial Computing," Digital.Visual.Material Virtual Symposium, Carnegie Mellon University and McGill University. (with Gabriela Aceves-Sepúlveda, David Theodore, and Olga Touloumi) Available at https://www.youtube.com/watch?v=2Qp_3eLgyTw.
Feb 2021	"The Cats and/of Neural Networks: Visual Cultures and Scientific Fights," Art, Performance, and A.I. Laboratory, University of Toronto. (with Karina Vold, Marie-Pier Boucher, and Peli Grietzer)
Oct 2020	"Against Fascination, Or Why We Should Break These Graphics," 'Rendered Worlds: New Regimes of Imaging' public seminar, Digital Aesthetics Workshop at Stanford University and Technocultural Futures Research Cluster at UC Davis. Available at https://vimeo.com/472287476.

Intra-Institutional Events

Dec 2023	Moderator, 'AI in the Future of Education: Academic Perspectives,' 'Trustworthy AI Lab for Education' Summit, Notre Dame Research and Lucy Family Institute of Data and Society, University of Notre Dame.
Oct 2023	'Data and the Humanities,' Lucy Connect Series organized by Graduate Fellows, Lucy Family Institute of Data and Society, University of Notre Dame.
Sep 2023	'Digital Strategy: The Liberal Arts as Society's Guide to a Technology Infused World,' Dean's Advisory Council Meeting, College of Arts and Letters, University of Notre Dame.
Aug 2023	'Faculty Pep Talks,' Welcome Weekend, Farley Hall, University of Notre Dame.
Mar 2023	'Education and the New AI' Webinar, hosted by ND Learning and TDS (Notre Dame) and NSF Institute for Student-AI Teaming (iSAT). Available at https://www.youtube.com/watch?v=CN4E6h6C6Os.
Nov 2022	"Engaging with Publics," Introduction to the Profession Graduate Practicum, Department of English, University of Notre Dame.
Sep 2022	"Recent Job Market Experiences," Job Market Graduate Practicum, Department of English, University of Notre Dame.
Sep 2022	'Midterms and Anxiety' Discussion Session, Farley Hall, University of Notre Dame.
Aug 2022	'Faculty Pep Talks,' Welcome Weekend, Farley Hall, University of Notre Dame.
Mar 2021	Respondent, *Wild Blue Media* Symposium with Melody Jue, Department of English, UC Davis
Nov 2020	"Doing Archival Research from afar," Research Tech Lab, Sonderforschungsbereich 'Medien der Kooperation,' Universität Siegen.
Feb 2019	"Websites 101," Scholars' Symposium, English Graduate Students Association, UC Davis.
Jan 2019	"Writing a prospectus, Finding a Committee," Prospectus Workshop, Department of English, UC Davis.
Dec 2018	"On Preliminary Exams," 'Introduction to Graduate Studies' course, Department of English, UC Davis.
Nov 2018	"Social Media, Networking & You," Scholars' Symposium, English Graduate Students Association, UC Davis.
Feb 2018	"Rethinking Professionalization and Research," Scholars' Symposium, English Graduate Students Association, UC Davis.

Academic Events Organized	2021 - 2024	'Life in Pixels,' a transdisciplinary series of conversations with support from the Ruth and Paul Idzik College Chair in Digital Scholarship, the Program in History and Philosophy of Science, the Lucy Family Institute for Data and Society, Navari Family Center for Digital Scholarship, Minor in Data Science, Department of English, and the Department of Film, Television, and Theatre at the University of Notre Dame.

- 2021- 2022, featuring Wendy Chun, Matthew Kirschenbaum, Jessica Pressman, Seb Franklin, Jonathan Beller, Armond Towns, Nicole Starosielski, and David Cecchetto.
- 2022 - 2023, featuring Henning Schmidgen, Chris Salter, Lorraine Daston, Tung-Hui Hu, Bernard Geoghegan, Nick Seaver, Matthew Jones, and Chris Wiggins.

- 2023 - 2024, featuring Geert Lovink, Shane Denson, Juan Llamas-Rodrigues, Hector Beltran, Anne Pasek, Cindy Kaiying Lin, Zane Griffin Talley Cooper, Jordan B. Kinder, Jeremy Packer, Paula Nuñez de Villavicencio, Alexander Monea, Kathleen Oswald, Kate Maddalena, Joshua Reeves, and others <forthcoming>

More at https://lucyinstitute.nd.edu/news-events/life-in-pixels-series/
All videos available at https://vimeo.com/user165023552.

Mar 2023	'The World is Born from Zero,' a conversation about speculation and video games with Cameron Kunzelman, Department of English, Notre Dame. Video available at https://vimeo.com/803962817.
Sep 2022	're:compute : media technologies and alternate futures,' a one-day symposium at Notre Dame, with support from several units on campus, featuring Alexander Galloway, Patrick Jagoda, Markus Krajewski, and Nathan Ensmenger. More at https://re-compute.info/. Video available at https://vimeo.com/843385463 and https://vimeo.com/843386652.
Apr 2022	Co-organized 'Administrative Detours-in-Being: Roman Catholic Political Form and German Media Theory,' a talk and conversation with Bernard Geoghegan, Department of English and Department of German and Russian, Notre Dame. (with Kate Marshall)
Mar 2022	'Reading the Obscene,' a conversation about editorial and readerly subjectivities in postwar America with Jordan S. Carroll, Department of English, Notre Dame. Video available at https://vimeo.com/843246817.
2021 - 2022	Co-organized three international, virtual workshops for the 'Speculative Ordinaries' research network. University of Notre Dame and Leuphana University of Lüneburg. (with Armin Beverunger, Randi Heinrichs, Ilia Antenucci, and Maja-Lee Vogt)

- Dec 2021, 'Techno-Urban Entanglements'.
- June 2022, 'Several Speculations'.
- October 2023, 'Ordinary Urban Speculations' (Special Issue Workshop)

Oct 2020	Co-organized 'Rendered Worlds: New Regimes of Imaging' public seminar, Digital Aesthetics Workshop at Stanford University and Technocultural Futures Research Cluster at UC Davis. (with Shane Denson and Hank Gerba)

- Also presented "Against Fascination, or why need to break these graphics" at the seminar.

Video available at https://www.blog.shanedenson.com/?p=5178 and https://vimeo.com/472287476.

Dec 2020	'Cities & Computers,' a public seminar with support from the program in Science and Technology Studies (STS), UC Davis, featuring Shannon Mattern, Yuriko Furuhata, and Brian House. Video available at https://vimeo.com/846015663.
2020	'Computational Media: Theories, Methods, Futures,' a seminar at the Meeting of the Society for Cinema and Media Studies (SCMS) 2020. Denver, Colorado. [Truncated due to novel Coronavirus/COVID-19]
Sep 2019	'Technocultures Workbench: Making and Thinking Futures,' a workshop with support from the Department of Film and Media at UC Berkeley, UCHRI, and DHI, UC Berkeley, featuring Jacob Gaboury, Stephanie Boluk, and Patrick LeMieux. (assisted lead-organizers Katherine Buse, Samuel Pizelo, Kris Fallon, and Jacob Gaboury)

- Also presented "Graphic Cards/Graphic Cultures: A Distention

Beyond Display" at the workshop.

	Jun 2019	'EcoGaming Open House,' an eco-games exhibit with support from the Association for the Study of Literature and Environment (ASLE), STS Program UC Davis, Modlab, and DHI. ASLE Conference Cultural Crawl. Modlab, Davis, California. (curated with Alenda Chang and Katherine Buse)
	Feb 2019	'Futurity Factory: Science, Technology, and Speculative Media,' a symposium with support from the STS Program, DHI, UCHRI, and departments/programs of English, CDM, Cultural Studies, and Critical Theory, UC Davis, featuring Patrick Jagoda, Lindsay Thomas, and 19 faculty members from Davis. (with Katherine Buse and Colin Milburn) ● Also presented "Inside the Machine: Lacan, von Neumann, and the Search for a Subject" at the symposium.
Education (Institutes and Summer Schools)	2021	School of Criticism and Theory Cornell University
	2021	Stanford-Leuphana Summer School of Media Studies (Truncated Participation)
	2019	Cardiff ScienceHumanities Summer School University of Cardiff
	2018	Global Humanities Campus International Thematic Network on Principles of Cultural Dynamics, Freie Universität, Berlin.
	2018	Datatopia Summer School projekt bauhaus / KIT Chair for Theory of Architecture, Floating University, Berlin
	2018	Princeton-Weimar School of Media Theory Princeton University
Conference Activities and Other Academic Presentations	July 2024	Co-convening, co-chairing a series of panels on 'The Order of Games: Inquiries into Playing, Organizing, and Experimenting with Technologies' + A talk at 4S-EASST. (with Katherine Buse) <forthcoming>
	Mar 2024	Talk and co-chairing+co-organizing a panel at SCMS. <forthcoming>
	Dec 2023	Talk at MLA on 'The Technical Construction of Difference'. <forthcoming>

	Oct 2023	Co-organized and co-chaired a panel on 'Game Studies II: Games, Models, Systems: On Organizational Ecologies and Ludic Forms' at SLSA 2023, ASU, Tempe, Arizona. (with Samuel Pizelo)
		    ● Also presented 'How to change the System: Re-reading Political Economies and the Transition Debates through Videogames'
		    ● Also presented 'On Parallel Knowledges: Invisualities of AI and Thinking Beyond Sequences'

	Oct 2023	"Computer Science Fictions: Between Programming and Folklore," Talk and workshop at Post45 symposium, University of Southern California. [Invited]
	Oct 2023	VISAR, the Association of Computer Machinery (ACM) Symposium on User Interface Software and Technology (UIST) 2023. [Paper and project presented by co-authors in the team.]
	May 2023	Presented 'artificial generation in light of notions of style and form,' "(un)Stable Diffusions" symposium by Shaping AI, Milieux Institute, Concordia University,

Montreal, Quebec, Canada.

Apr 2023	Co-author of 'Wrapped in Story: The Affordances of Narrative for Citizen Science Games,' Foundation of Digital Games (FDG) 2023, Lisbon. (with Josh Aaron Miller, Katherine Buse, Justin Siegel, Seth Cooper and Colin Milburn)

- Paper published in the conference proceedings.
  - Miller, Josh Aaron, Katherine Buse, Ranjodh Singh Dhaliwal, Justin Siegel, Seth Cooper, and Colin Milburn. "Wrapped in Story: The Affordances of Narrative for Citizen Science Games." In *Proceedings of the 18th International Conference on the Foundations of Digital Games*, pp. 1-11. 2023.
  - Winner of a Best Paper Award, Foundation of Digital Games (FDG) Conference 2023, Lisbon.
    - Best Paper Watch video by FDG available at https://www.youtube.com/watch?v=l-R55fh59_A.

Conference presentation by co-author Josh Miller available at https://www.youtube.com/watch?v=isEpT9MFiFs.

Apr 2023	Respondent to the panel 'Data and/as Image: Data's Coercive Contexts and Representations,' SCMS 2023 Conference, Denver, Colorado.
Mar 2023	Presented 'Thermodynamics and Informatics: On Planetary Computation and Industrial Ecotechnics' in the 'Comparative Ecotechnics' seminar, American Comparative Literature Association (ACLA) 2023 meeting, Chicago.
Dec 2022	Presented 'Playing with Proteins: On Transmediality and Gamification of Citizen Science,' Society for Social Studies of Science (4S) 2022, Cholula, Mexico. (with Katherine Buse)
Oct 2022	Co-organized and chaired a stream of panels on 'New Techno-Critical Methodologies in AI Studies'. SLSA 2022, Purdue. (with Fabian Offert)

- Also presented 'Form, History, and Content: The Many Faces of Neural Media' in one of the panels, 'Towards New(er) Criticism: Artificial Intelligence and Literary Dispositions,' in the stream.

Nov 2022	Presented 'Logistical Graphics: Economic Crises and Outsourcing in the 1990s' in the panel 'Logistical Histories of Computing' at SHOT 2022, New Orleans, Louisiana.
Apr 2022	Co-organized and co-chaired a roundtable 'New Mediations: Between Images and Structures'. (with Mal Ahern) Meeting of the Society for Cinema and Media Studies 2022.

- Also presented 'Silicon Entanglements' on the roundtable.

Oct 2021	Co-conceptualized, co-organized, and co-chaired 'Making and Doing History: On Non-Traditional Modes of Critical Engagement,' an unconventional session. Joint FUTURES roundtable/discussion session for the plenary slot at History of Science Society (HSS) and Society for the History of Technology (SHOT) conferences 2021. New Orleans, Louisiana, featuring Laine Nooney, Mar Hicks, Bess Williamson, Whitney Pow, and Xiaochang Li. (with Crystal Lee.)

- Also presented 'Gaming, History, and the Publics' on the roundtable.

Oct 2021	Co-organizing the panel '"Of Digital Computers Called Brains": Rehistoricizing (Mis)conceptions of Machine Intelligence' at SHOT 2021 conference. New Orleans, Louisiana. (with Théo Lepage-Richer)

- Also presented "Daemons @ Work: Conceptions of labor in intelligent machines, from Babbage to Selfridge"

Oct 2021	Co-organized and chaired a series of open panels under the topic 'Computational Media Technologies: Computing and Critique Beyond Disciplinary Configurations' Society for Social Studies of Science (4S) conference 2021. Toronto, Canada.(with Théo Lepage-Richer)
	● Also presented "Fans, Fans Everywhere: Towards a thermal media theory of computation"
Sep - Oct 2021	Chaired the panel 3C, 'Energy, crises, and literature,' at SLSA 2021 Conference, Ann Arbor, Michigan.
May 2021	Presented 'Symbols and Spaces: On address grids of computational media at 'Off the Grid – Geomedia 2021' conference at the University of Siegen, Germany.
Mar 2021	Co-organized the panel 'Extensions of the Nonhuman: Models of Media in a Machinic Present' at the Meeting of the Society for Cinema and Media Studies (SCMS) 2021. Denver, Colorado. (with Alexander Campolo) [Initially scheduled for 2020, postponed to 2021 due to novel Coronavirus/COVID-19]
	● Also presented "The Logic of the Graphic" in the panel.
Feb 2021	Workshopped 'The Infrastructural Unconscious' at the Linda Hall Library Works in Progress Seminar.
Aug 2020	Co-organized the panel 'Re-animating the Sociocultural Life of Computer Graphics' at the European Association for the Study of Science and Technology (EASST) and Society for Social Studies of Science (4S) joint conference 2020. Prague, Czech Republic. (with Akshita Sivakumar)
	● Also presented "Render This!: On Computational Architectures and Graphical Processing" at the panel.
Jun 2020	Co-organized the panel 'Technologies of Vision or Envisioned Technologies?: On Computation and Visual Knowledge' at the European Network for Cinema and Media Studies (NECS) 2020 conference. Palermo, Italy. (with Théo Lepage-Richer) [Canceled due to novel Coronavirus/COVID-19]
	● Also planned to present "Vision as Computation, or why do computers like drawing images?"
Apr 2020	Planned to present "Analog/Digital/Quantum: On Computation as a Medium" at the '[Blank] as Medium' Conference, University of California, Berkeley. [Canceled due to novel Coronavirus/COVID-19]
2020	'Computational Media Stream,' a stream of panels on Computational Media Studies. Society for Literature, Science, and the Arts (SLSA) 2022 Conference. (co-conceptualized and co-organized with Théo Lepage-Richer.) [Canceled due to novel Coronavirus/COVID-19]
Nov 2019	Co-organized the panel 'LUDIC/EXPERIMENTING' in the 'Game Studies' stream at the SLSA 2019 conference, Irvine, California. (with Patrick Jagoda)
	● Also presented "Playing with Oneself: Sports, Games, and Experiments" at the panel.
Oct 2019	Presented 'Speculative Media Visions, Scientific Futures,' *Speculative Futures* symposium, HATCH Feminist Arts and Sciences Shop, UC Davis, California. (with Katherine Buse)
Sep 2019	Presented "Speculative Media and Epistemic Change" at the Meeting of the Society for Social Studies of Science (4S) 2019, New Orleans, Louisiana. (with Katherine Buse)
Jun 2019	Presented "Greg Egan's *Permutation City* and the Cautionary Tale of Planet Lambert: The Role of Racial Imaginaries in Imagining and Sustaining Virtual World," Association for the Study of Literature and Environment (ASLE)

	Thirteenth Biennial Conference. Davis, California.
Apr 2019	Workshopped "Of Demons and Psychoanalysts" in the UCSD Science Studies Graduate Mini-Symposium, San Diego, California.
Mar 2019	Co-organized the panel 'Neural Media: On Neural Networks and New Data Practices,' SCMS 2019. Seattle, Washington. (with Théo Lepage-Richer) ● Also presented "Artificial Intelligence or Ocular Intelligence? or how a neural imaginary shaped our visio-cognitive computational media."
Mar 2019	Presented "The Neural Imaginary: A Tale of Failure, Success, and Speculative Unmedia," American Comparative Literature Association (ACLA) 2019 Conference, Washington DC.
Feb 2019	Participated in the 2019 SSRC Fellow Seminar on "Mechanical Rules before Machines: Rules and Paradigms" with Prof. Lorraine Daston, Social Science Research Council, online.
Nov 2018	Presented ""As you'll see": Of Computer Spaces and Visual Experiments," SLSA 2018. Toronto, Canada.
Nov 2018	Co-organized the panel 'Emergent Forms of Speculative Media,' Meeting of the American Studies Association (ASA) 2018. Atlanta, Georgia. (with Katherine Buse) ● Also presented "The Space Behind the Computer Screen: a Window into Another Dimension"
Oct 2018	Workshopped "1986: The Mirror Stage of the Digital Image" in the Graduate Student Workshop at Society for the History of Technology (SHOT) Annual Meeting 2018. St. Louis, Missouri.
Oct 2018	Workshopped "Pointers and Positions: Experiments in Addressing the Memory" in the Works-in-Progress Session at *Stored in Memory*: 10th Annual Conference of the Special Interest Group in Computing, Information, and Society (SIGCIS), SHOT, St. Louis, Missouri.
Aug - Sept 2018	Presented "Computer Architecture, Neural Networks, and Spatiality of Cognition," *Datatopia* Summer School. Floating University, Berlin.
Jul - Aug 2018	Presented "The Cultural Dynamics of Contemporary Artificial Intelligence Boom," Summer School 2018, Global Humanities Campus, Freie Universitaet, Berlin.
Jun 2018	Presented "The Rendering Equation: Bodies in Computer Graphics, a Technical Introduction," the Princeton-Weimar Summer School for Media Studies organized by the Department of German, Princeton University and Internationales Kolleg für Kulturtechnikforschung und Medienphilosophie – IKKM, Weimar. Princeton University, New Jersey.
Apr 2018	Presented "Predicting Images: Machinic constants, temporal variables," *Sensing Media* graduate conference, the University of Chicago, Illinois.
Mar 2018	Presented and workshopped "Renditions: Don DeLillo's Point Omega and Our Changing Media Landscapes," *Post45* Graduate Symposium, Yale University, New Haven, Connecticut.
Feb 2018	Participated in the *Critical Code Studies Working Group* 2018. Humanities and Critical Code Studies (HaCCS) Lab at the University of Southern California (USC), Los Angeles, California, online.
Jan 2018	Participated in Rosetta Bootcamp organized by Rosetta Commons at Chapel Hill, NC.
Nov 2017	Presented "Playing with Fire(watch): Game Mechanics, Aesthetics, and the Trouble with Wilderness," SLSA 2017 conference, Tempe, Arizona.

Oct 2017	Presented "Pessimism and Dystopia in Contemporary Glitch Art and Memes," *ASAP/9*: The Arts of the Present/9 conference, Oakland, California.
Oct 2017	Presented "Reading Traces of the Digital: An Exploration into Methods of Reading 'Data'," Society for Comparative Literature and the Arts 2017 conference, Johns Hopkins University, Baltimore.
Oct 2017	Presented "Reading Closed Surfaces and Distant Horizons: Of reservoirs and languages," *Tools of Transgression: Diverse Strategies in Comparative Methodologies* conference, UC Davis, California.
Jun 2017	Presented "Macondo and Mumbai: How the Materiality of Forms Shapes Our Understanding of the Worlds in World Literature," *World Literature and Global Core Texts* conference, Singapore University of Technology and Design (SUTD), Singapore.
Jun 2017	Presented "Visual Reserve of Events: Time, Memory, Deleuze, and Rendering Images," *Animation and Memory* conference, Radboud University, Nijmegen, Netherlands.
Jun 2017	Presented "Frames of Anticipation: The Digital Image and Affect," the Interactive and Multi-Modal Experience Research Syndicate (IMMERSe) Network Conference 2017, Carelton University, Ottawa, Canada.
Apr 2017	Presented "Truth and Games in Data Structures and Kafka," *Truthiness*: The 2017 Berkeley-Stanford Graduate Conference, Stanford University, California.
Nov 2016	Presented "Rendering nostalgia in gameplay: The aesthetics of making and using 3D maps for virtual time-travel," SLSA 2016 conference, Atlanta, Georgia.
Sep - Oct 2016	Presented "Inverted Wing Backs- How football hipsters used automated creativity for a manual rebellion," *Extending Play 3* conference, Rutgers University, New Brunswick, New Jersey.

Pedagogical Experience	**University of Notre Dame**
Graduate Teaching	**Instructorships: Graduate Seminars**
	Fall 2023 'Science/Fiction: About Worlds Old and New'
	Fall 2022 'Master's Media: Race, Class, and the Technical Production of Difference'
	Independent Studies and Reading Courses
	Spring 2023 'Artificial Distinctions and Natural Intelligences'
Undergrad Teaching	**Instructorships**
	Fall 2023, Spring 2023 'Generative AI in the Wild' (co-taught with Dr. John Behrens)
	Fall 2022, Spring 2023 'Computation, Culture, and Critique' (College Seminar)
	Spring 2022, 'Theories of Media and Technology'
	Spring 2023, Spring 2024 ● Featured in 'Classes for the Curious' programming by the College of Arts and Letters, Notre Dame. Available at https://al.nd.edu/news/latest-news/classes-for-the-curious-theories-of-media-and-technology/.
	Fall 2021 'Critical Digital Studies'

	Fall 2021	'Computation and Culture' (University Seminar)

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Undergrad Teaching	**Instructorships**	
	Spring 2020	'Crisis!' (Introduction to English)
	Spring 2019	'Networks (to) Today' (Introduction to English)
	Winter 2019	'Hyper-Contemporary Literature' (Introduction to English)
	Fall 2018	'Corporate Tactics and Videogame Design' (First Year Research Seminar, co-taught with Prof. Joe Dumit)
	Fall 2018	'21st Century Literacies' (University Writing Program Writing Seminar)
	Teaching Assistantships	
	Spring 2016	'Literatures in English III: 1900-Present' (Prof. Matthew Stratton)
	Winter 2016	'Children's Literature' (Prof. Frances Dolan)
	Fall 2015	'Foundations of Literary and Critical Theory - I' (Prof. Scott Shershow)

Research Experience	Jul 2017 - Mar 2020, Jun - Dec 2016	Graduate Student Researcher, ModLab and UC Davis Genome Center, UC Davis, various Projects. (with Colin Milburn)
	Jan - Jun 2017	Graduate Student Researcher, Data Science Initiative, UC Davis Library, English Broadside Ballad Archive and Quantitative Research Consulting. (with Carl Stahmer)

Undergraduate Advising	**University of Notre Dame**	
	2024	Audrey G Burri, "Brands and the Technological Self: Influencing via Robots," <tentative title> Science, Technology, and Values.
Honors Theses Supervision	2024	Claire Lyons, "Corecore Era: The Aesthetics of Forever Digital Scroll," <tentative title> Department of English.
	2023	Tessa Newman, "No Rest and No Relaxation: Rhetoric, Culture, and Aesthetics of the Girlboss Movement," Department of English.
		● The thesis was awarded the 2023 Outstanding Honors Thesis Award recognizing the best thesis in literary criticism written by a senior in the English Honors Concentration, Department of English, Notre Dame.

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2017 - 2019	Advised and led a team of undergraduates as a research director for the 'Narrativization of *Foldit*' project, ModLab, UC Davis
2016 - 2017, 2018 - 2019	Advised and led a team of undergraduates as a research director for the '*Frack! The Game*' project, ModLab, UC Davis
2016 - 2017	Advised and led a team of undergraduates as a research director for the "Delete Your Account': Elections and Twitter Data-mining' project, UC Davis.

Graduate Advising	**University of Notre Dame**	
	Doctoral Students	**Dissertation Committee (Chair)**
		2021 - Present	1. Lizao Wang (History and Philosophy of Science), "Hacking China," \<tentative title> (co-chair with Tom Stapleford)
		● Also served as a member on the oral and qualifying exam committees.
		Dissertation Committee (Member)
		2022 - 2023	2. Kristen Janelle Carlson (English), "Fringe Realism"
		2022 - 2023	1. Mayra Alejandra Cano (English), "The Latinx Gaze and Other Hegemonic Technologies: Seeing/Being Beyond Settler Colonial Identities"
		PhD Oral and Qualifying Exam Committee (Member)
		2023	1. Noemi Fernandez Labarga (English), Oral Exam.
		Formal Graduate Program Advising
		2023 - Present	Kushal Nandwani (PhD Program, History and Philosophy of Science)
		Miscellaneous or Informal Advising
		2021 - 2023	Shinjini Chattopadhay (Department of English), Job Market Advising
		2022 - 2023	Claudia Carroll (Department of English), Job Market Advising
	Masters Students	**Thesis Committee (Member)**
		2023 - Present	2. Nik Swift (MFA, Design)
		2022	1. Ukachi Irobereachi (MA, English), "Bounding the Plotline: The Development of Hope Out of Popular Dystopia"

Service to the Institutions (Also see, Academic Events Organized, and Intra-Institutional Talks and Panels)	**University of Notre Dame**	
	2022 - Present	Member, Steering Committee, the Program in History and Philosophy of Science (Elected)
	2023 - Present	Member, Technology Ethics Planning Group, University Ethics Initiative, Notre Dame.
	2023	Co-organizer, Working Group on Generative AI, Technology and Digital Studies Programs, Notre Dame.
	2022 - 2023	Member, Search Committee, Global Anglophone Literatures, Department of English.
	2022 - 2023	Member, Subcommittees on Digital Humanities and Media Studies, and Anglophone Literature, Graduate Student Admissions, Department of English.
	2022 - 2023	Member, Graduate Fellows Selection Committee, Lucy Family Institute for Data and Society.
	2021 - 2022	Member, Website Redesign Committee, Department of English.

University of California, Davis

2018 - 2019	Member, Arts & Lectures Administrative Advisory Committee.
2018 - 2019	Member, Faculty Seminars and Events Committee, Department of English.
2018	Member, Organizing Committee, Californian STS Summer Retreat, Cal STS Network.

Service to the Profession (Also see, Academic Events Organized)

Peer Review

Academic Presses: Book Peer-Reviews	2022 - 2023	Goldsmiths Press (accepted); MIT Press, Polity Press, and Routledge Press. (all declined)
Academic Journals: Article Peer-Reviews	2022 - 2023	*Configurations* (x2)
	2022	*Technology and Culture* (x1)
	2022	*Information and Culture* (x1)

Other Affiliations, Service, and Jury Work

2023	Peer-Reviewer (Invited), Science and Technology Studies (STS) Program at the National Science Foundation (NSF).
2023	Panelist for Peer-Review Jury (Invited), National Endowment for the Humanities (NEH), Office of Digital Humanities (ODH), Dangers and Opportunities of Technology (DOT) Program.
2023	Member (Invited), Peer-Review Committee, Cultural and Historical Track, ACM FaCCT (Association of Computing Machinery – Conference on Fairness, Accountability, and Transparency), Chicago.
2021 - 2024	Co-Chair (Elected), Media Science and Technology Scholarly Interest Group (MST SIG), Society for Cinema and Media Studies (SCMS). 2022, 2023, 2024. Also ex-officio member of three juries for the Graduate Writing Prize, Media Science and Technology SIG.
2020 - Present	Social Media Manager (Twitter), Society of Literature, Science, and the Arts (SLSA) Ex-officio member, executive committee, SLSA.
2022 - 2023	Jury Member, Flusser Artistic Residency 2023. (Invited by Transmediale festival and the Flusser Archive, UdK University of Arts, Berlin)
2021	Judge, SLSA Edwin Bruns Prize. (Invited by Prof. N. Katherine Hayles)
2021 - Present	Co-founder and co-convener of an international research network, 'Speculative Ordinaries'. (with Armin Beverungen, Randi Heinrichs, and Ilia Antenucci)
2021 - Present	Member, Degrowth Game Design Group, University of Chicago
2020 - 2021	Co-moderator and Co-administrator, *All Models* mailing list (with Fabian Offert, Matteo Pasquinelli, and the research group KIM at the Karlsruhe University of Arts and Design)
2017	Co-Organizer for Meme Culture Unit, hosted by Modlab, UC Davis

	2017 - 2018	Affiliate, Data Science Initiative. UC Davis.
	2016 - 2017	Co-Organizer, Game Studies Reading Group, Modlab, UC Davis. (with Katherine Buse, Jordan S. Carroll, and Melissa Wills)
	2016 - 2020	Social Media Manager, Program of Science and Technology Studies, UC Davis.
	2018 - 2020	Social Media Manager, Early Career Interest Group (ECIG), Society for the History of Technology (SHOT).
	2015 - 2021	Affiliate Member, Modlab. UC Davis.
	2020 - Present	Member, Marx/STS Reading Group, Cornell University and UC Davis.
	2016	Contributor, Race and Gaming Wikipedia Edit-a-thon Workshop, hosted by Modlab, UC Davis. (In collaboration with parallel workshops at UT Dallas and Georgetown University)
Academic Organizations (Memberships Held)	10.	Society for Literature, Science, and the Arts
	9.	Society for Cinema and Media Studies
	8.	Society for the History of Technology
	7.	The Society for Social Studies of Science
	6.	Association for Computing Machinery
	5.	American Studies Association
	4.	American Comparative Literature Association
	3.	Modern Language Association
	2.	The Association for the Study of the Arts of the Present
	1.	European Network for Cinema and Media Studies
Miscellaneous Service	**Indian Institute of Technology, Indore**	
	2010 - 2011	General Secretary (Elected), Student Council.
	2009 - 2010, 2010 - 2011	Co-founder and co-organizer, Road to Rutas (two iterations), an inter-college industry simulation competition.
Technical Work Experience	2012	Research Intern, Intellicus Technologies, Indore, India.
Language Background	Machinic Languages	Extensive programming experience in C/C++, Java; Working experience in Unity, C#, Python, R, SQL, FORTRAN.
	Natural Languages	Native or near-native Fluency in English, Punjabi, and Hindi; Reading Ability (Beginner) in German and Spanish.

Media and Journalistic Coverage	**National Media Coverage**		
	TV Appearances	2023	'Citizen Science Videogames and Artificial Intelligences,' Public Broadcasting Services, Northern Indiana. <forthcoming>
	Podcast Appearances	2023	'Neural' (Episode 18), *The Data Fix* Podcast, hosted by Mél Hogan. (with Théo Lepage-Richer) Available at https://www.thedatafix.net/episodes/018 and https://shows.acast.com/the-data-fix/episodes/neural-with-theo-lepage-richer-and-ranjodh-singh-dhaliwal.

Intra-Institutional and Local Media Coverage

2024	'The New AI,' ThinkND series, conversation about Generative AI. <forthcoming>
2023	"Generative AI and Digital Scholarship," Interview and Journalistic Featured Profile, Notre Dame Magazine, Indiana. <forthcoming>
2023	"The Language of Technology," Office of Communications, College of Arts and Letters, University of Notre Dame. Available at https://www.youtube.com/watch?v=4l4-AEC4F28. See also, https://english.nd.edu/news-events/news/professor-ranjodh-singh-dhaliwal-explores-ethical-implications-of-technologies/.
2023	"Classes for the Curious: Theories of Media and Technology," Office of Communications, College of Arts and Letters, University of Notre Dame. Available at https://al.nd.edu/news/latest-news/classes-for-the-curious-theories-of-media-and-technology/.

Other Academic and Para-academic Media Coverage

2023	'Hypnospace Outlaw,' (with Katherine Buse) SkillTree YouTube Series, hosted by Joey Eschrich at the Center for Science and Imagination, Arizona State University. Available at https://www.youtube.com/watch?v=btnNNJNDSbY.
2022	'Following Mechanical Turks: Episode 67,' hosted by Jeremy Tirrell and Nathaniel Rivers. Available at https://www.youtube.com/watch?v=Tj-xOrM6ZtM.
2022	'STS Shorts #3,' hosted by Nicholas McCay, Eclectic Spacewalk. Available at https://www.youtube.com/watch?v=v-VgNPdJSe8.

Other Non-Academic Media Coverage

2023	Angela Watercutter, 'The TikTok That Will Be the Great Unsolved Mystery of This Era,' *Wired* Culture, https://www.wired.com/story/internet-mystery-26-year-old-nursing-assistant/.

Professional References	**Available on Request**