Natasha Dow Schüll CURRICULUM VITAE

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Education (University of California, Berkeley)

- Ph.D. Sociocultural Anthropology, 2003
- M.A. Sociocultural Anthropology, 1995
- B.A. Sociocultural Anthropology, 1993, Summa Cum Laude

Academic Appointments

- Associate Professor, NYU Department of Media, Culture, and Communication, fall 2015 present
 Director of Undergraduate Studies, fall 2018-present
 Academic council, AI Now Institute, 2017-present
 Senior Fellow, Institute for Public Knowledge, 2015-present
- Associate Professor (with tenure), MIT Program in Science, Technology, & Society, spring 2015
- Associate Professor (without tenure), MIT Program in Science, Technology, & Society, 2010–2015
- Assistant Professor, MIT Program in Science, Technology, and Society, 2007–2010
 Leo Marx Career Development Assistant Professor, 2008–2010

Fellowships

- Summer Residency Fellowship, School of Advanced Research, Santa Fe, 2008
- New York University International Center for Advanced Study Postdoctoral Fellowship, 2006–2007
- Robert Wood Johnson Foundation Health and Society Postdoctoral Fellowship, 2003–2006
- Weatherhead Dissertation Fellowship, School of Advanced Research, Santa Fe, 2002–2003
- National Science Foundation Pre-Doctoral Training Fellowship in STS, 2001–2002
- Doreen B. Townsend Center for the Humanities Graduate Fellowship, UC Berkeley, 2000–2001
- Alfred P. Sloan Foundation Graduate Fellowship, 2000–2001
- Woodrow Wilson Foundation Charlotte W. Newcombe Dissertation Fellowship, 1999–2000
- The Berkeley Fellowship for Graduate Study, 1997–1999
- National Science Foundation Graduate Fellowship, 1994–1996

Honors and Awards

- Winner, Sharon Stephens Book Prize, American Ethnological Society, 2013
- Honorable mention, Gregory Bateson Book Prize, Society for Cultural Anthropology, 2013
- Teaching & Learning Award, MIT School of Humanities and Social Sciences, 2008
- Best Short Documentary Film, Society for Visual Anthropology, 2006
- Phi Beta Kappa Graduate Scholarship Award (1st place in California competition), 1999
- Outstanding Graduate Student Instructor Award, UC Berkeley, 1999
- Award of Merit, Latin American Studies Association, 1995
- Certificate of Highest Distinction in General Scholarship, 1993
- Lambda Alpha National Collegiate Honors Society Award, 1993
- McCown Prize, UC Berkeley Departmental Citation in Anthropology, 1993
- Highest Honors on Senior Honors Thesis, 1993
- Phi Beta Kappa, 1993

Books

- *Addiction by Design: Machine Gambling in Las Vegas.* Princeton: Princeton University Press (2012)
 - Reviewed in: Anthropology Now, The Atlantic (Best Books of 2013), The New York Times, American Journal of Sociology, Public Books, Contexts (American Sociological Association), Vox, Technology and Culture, Chronicle of Higher Education, Social Studies of Science, Comptes rendus / Sociologie du travail, Journal of Cultural Economy, Anthropology of the Century, Financial Times,
 - <u>Italian translation</u>: *Architetture dell'azzardo: Progettare il gioco, costruire la dipendenza.* (Rome, Italy: Luca Sossella Editore, 2015)
 - <u>Japanese Translation</u>: デザインされたギャンブル依存症, trans. by Masamichi Higurashi 日暮雅 通 (Tokyo: Seidosha, K.K. 青土社, 2018)
 - <u>Chinese Translation</u>: 运气的诱饵: 拉斯维加斯的赌博设计与失控的机器人生, trans. by Li Qi 李 奇 (Beijing: Democracy & Construction Pub House, 民主与建设出版社有限责任公司, 2021)
 - <u>French Translation</u> (excerpts): 'Design de la fortune: Marketing sensoriel des casinos', trans. by Paulin Dardel, Jef Klak: Critique Sociale & Expériences Littéraires, 4 (2017): 38–45
 - <u>Swedish translation</u> (chapter 3): "Slumpens ingenjörskonst: Den enarmade banditens algoritmiska förtrollning." *Fronesis*, no. 64-65 (2019)
- *Keeping track* (Under contract with Farrar, Straus, and Giroux)

Refereed Articles

- Afterword: Shifting the Terms of the Debate. Special issue: "Shifting Attention." Eds. N. Seaver,
 R. Jablonsky, T. Karppi, Science, Technology, & Human Values, 47: 2 (2021): 360-365
- The data-based self: self-quantification & the data-driven (good) life. Special issue: "Persons without Qualities." *Social Research International Quarterly*, 86.4 (2019): 909-930
- Digital containment and its discontents. *History of Anthropology* 29: 1 (2018): 42-48 Special Issue, "Laying up Treasures," eds A. Shryock & D. Smail.
- On gambling research, social science and the consequences of commercial gambling (with C. Livingstone, et al.) *International Gambling Studies*, 18 (2018): 1, 56-68
- The datafication of health (coauthor M. Ruckenstein). Annual Rev of Anthropology 46 (2017): 261-78
- Abiding chance: Online poker and the software of self-discipline. *Public Culture* 28: 3 (2016): 563-92
- Data for life: Wearable technology and the design of self-care. BioSocieties 11 (2016): 317-333
- Gambled away: Video poker and self-suspension. *Anthropology Now* 4: 2 (2012): 1-13
- The touch-point collective: Crowd contouring on the casino floor. LIMN 2 (2012): 15-18
- The shortsighted brain: Neuroeconomics and the governance of choice in time. (Coauthor C. Zaloom) *Social Studies of Science* 41: 4 (2011): 515-538
- Machines, medication, modulation: Circuits of dependency and self-care in Las Vegas. Culture,
 Medicine, and Psychiatry 30 (2006): 1-25
- Digital gambling: The coincidence of desire and design. *The ANNALS of the American Academy of Political and Social Science* 597 (2005): 65-81
- Machine narratives: Selections from interviews with gambling addicts. (a): The Journal of Culture and the Unconscious 2: 2 (2002): 64-72

Book Chapters

- Wearable Attention: Course-Corrections for Wandering Minds. ATTENTION: History, Philosophy, Science. Eds. G. Burnett & J. Smith. Forthcoming 2022
- Devices and selves, from self-exit to self-fashioning. Digital Anthropology, Second Edition. Eds. H. Geismar & H. Knox. Bloomsbury Press, 2021: 137-156
- Self-Tracking. In *Uncertain Archives: Critical Keywords for Big Data*, eds. NB Thylstrup *et al.* Cambridge, Massachusetts: MIT Press, 2021: 57-66
- HAPIfork and the Haptic Turn in Wearable Technology. Being material. Eds. S. Helmreich et al. MIT Press, 2019: 70-75
- 'Self in the loop: bits, patterns, and pathways in the Quantified Self. *The Networked Self, Vol 5: Human Augmentics, Artificial Intelligence, Sentience.* Ed. Zizi Papacharisi. Routledge, 2018: 25-38
- LoseIt!: Calorie Tracking and the Discipline of Consumption. *Applied: Mundane Software and the Rise of the Apps.* Eds. J. Morris & S. Murray. U Michigan Press, 2018: 103-114
- Tracking. *Experience: culture, cognition, and the common sense.* Eds. C. Jones, D. Mather, and R. Uchill. MIT Press, 2016: 195-203
- The gaming of chance: Online poker software and the potentialization of uncertainty. *Modes of Uncertainty: Anthropological Observations*. Eds. P. Rabinow & L. Samimian-Darash. U Chicago Press, 2015: 46-68.
- Engineering chance. Collapse VIII: Casino Real. Ed. R. Mackay. Urbanomic, 2014: 203-254
- Turning the tables: The crusade to sell slots in Macau. *Exploring the Production and Consumption of Risk.* Eds. R. Cassidy & C. Loussarn. Routledge, 2013: 92-106
- Neuroeconomics and the politics of choice (coauthor C. Zaloom). *Anthropological Engagements with Economics and Economies*. Ed. T. Fischer. SAR Press, 2013: 141-155
- Balancing acts: Gambling-machine addiction and the double bind of therapeutics. Addiction Trajectories. Eds. E. Raikhel & W. Garriott. Duke U Press, 2013: 61-87
- Video poker. Inner History of Devices: Technology and Self. Ed. S. Turkle. MIT Press, 2008: 153-171
- Oasis/Mirage: Fantasies of nature in Las Vegas. Nature and its Discontents from Virgin Land to Disney World. Ed. B. Herzogenrath. Editions Rodopi, 2002: 377-402

Commentary, Reviews, Interviews

- The Sense MotherTM. In "Theorizing the Contemporary," *Cultural Anthropology*. Oct 31, 2018
- Our Metrics, Ourselves. *Public Books*, January 2017
- Sensor technology and the time-series self. *Continent*, 5.1 2016: 1-3
- Obamacare Meets Wearable Technology. MIT Technology Review, May 6, 2014
- Technological Solutionism and its discontents: An Interview with Evgeny Morozov. *Public Books*, Sept 2013
- Book review. Neuropsychedelia (N. Langlitz). BioSocieties, 8 (4), 2013: 512-516
- Reeling in Revenue. Risk and Regulation, Winter 2013
- Op-ed: Slot Machines Are Designed to Addict. *The New York Times*, Oct 10, 2013
- Op-ed on Gambling Regulation, *The Economist*, July 23, 2010
- Op-ed: Beware: Machine Zone Ahead. Washington Post, July 6, 2008
- Book Review. *The Grit Beneath the Glitter: Tales from the Real Las Vegas*. Eds. H. Rothman & M. Davis. *American Ethnologist*, 30 (1), 2003: 186-187

Dissertation

Machine Life: An Ethnography of Gambling Addiction, filed 2003
 Doctoral Committee: S. Pandolfo (chair), P. Rabinow, L. Cohen, J. Butler

Invited Lectures, Keynotes, Presentations (selected)

- Speaker for series "Pay Attention!" Center for the Humanities, Wesleyan University, Sept 2022
- Speaker at conference "Histories of Technology and Mind Control," U of Groningen, June 2022
- Participant in workshop, "The economic Lives of Platforms," U of Copenhagen, May 2022
- Speaker, "Data and Us" series, Centro Interuniversitário de História das Ciências e Tecnologia, U of Lisbon, Portugal, virtual event, April 2022
- Panelist for book launch, Neuromatic: A Particular History of Religion and the Brain by John Modern, Religious Studies Department at Franklin and Marshall College, April 2022
- Speaker, Technology and Capitalism seminar series, U of Barcelona, virtual event, Nov, 2021
- Speaker, Information Science Colloquium, Cornell University, Ithaca NY, Oct 2021
- "Data-based Selves: An ethnographic vantage on the ethical possibilities of quantification." Annual Lecture in Digital Anthropology, University College London, *virtual event*, Oct 2021
- In conversation with Hannah Zeavin, author of *The Distance Cure,* NYU Center for the Humanities, *virtual event,* Oct 2021
- Keynote, Annual conference for Affective Computing and Intelligent Interaction Conference (ACII), *virtual event*, Sept 2021
- "Attention by Design: Course-Corrections for Wandering Minds." Invited lecture for The Digital Backlash, DISTRACT project (funded by The Independent Research Council Denmark), University of Copenhagen, Sept 2021
- Panelist for launch, The Anthropology of Surveillance Network (ANSUR), virtual event, Sept 2021
- Moderator for Workshop on Obfuscation, "Human/Machine Intent," virtual event, May 2021
- Panelist for book discussion, Lives of Data by Sandeep Mertia. Global Asia Webinar, NYU, virtual event, April 2021
- Panelist for "Contact and Distance in the Post-Pandemic Social World," Institute for Public Knowledge, NYU, virtual event, April 2021
- Invited participant, Princeton History of Science Workshop on Attention, virtual event, March 2021
- Keynote speaker for annual conference of OZCHI (Australian Computer-Human Interaction association), Virtual Event, Dec 2020
- Invited lecture to Automated Decision Making: Nordic Perspectives, "Compass to sentinel: the automation of self-tracking technology," Virtual Event, Dec, 2020
- Conference paper for "Data times: immediacies, lifecycles, forgettings." U Copenhagen, Dec, 2020
- Invited speaker for Sense, Sentience, Sensors (for Sawyer Seminar "Precision and Uncertainty in a World of Data," Johns Hopkins U, Baltimore, March 2020
- Organized and led book panel for Colin Koopman (How We Became Our Data: A Genealogy of the Informational Person), Institute for Public Knowledge, Nov 2019
- Invited speaker for "Infrastructure, Rights, and Regulation" seminar (Sally Merry & Benedict Kingsbury), NYU Law School, Nov 2019
- Invited lecture, Criminal Law Faculty Seminar, NYU School of Law, New York, Nov 2019
- Invited lecture for seminar "Ethics and Empirics of Engineering Humanity," Villanova Law School, Oct 2019
- Invited speaker for workshop "Persons without Qualities: Metrics, Algorithms, and the Shaping of the Self," Institute for Advanced Studies in Culture, U Virginia, Charlottesville, April 2019

- Plenary speaker for NYU Stern's "Business and Society," first of four courses in the required Social Impact Core Curriculum (taken by entire freshman class of 600+), March 2019
- Organized and led book panel for Melissa Gregg (Counterproductive: Time Management in the Knowledge Economy), Institute for Public Knowledge, March 2019
- Invited lecture, "Beyond Optimization: Wearables as Self-Maintenance," U of Frankfurt, Jan 2019
- Invited panelist, "Digital health technologies and lifestyle management," (for conference on Rethinking Healthcare), University of Helsinki, Jan 2019
- Keynote, "Turning the tables: the digital mediation of poker" CSCW, Jersey City, Nov 2018
- Speaker, "Portrait of a Mechanical Bro," McCLuhan Center, Toronto, Nov 2018
- Speaker for panel "Remote Care: From the Electronic Patient to Self-Tracking," organizer
- H. Zeavin), NYU Humanities Center, October 2018
- Lecture, "Digital Life" seminar series, Cornell Tech March 2018
- Lecture for Princeton Humanities Council & Film and Media Studies, Nov 2017
- Speaker, "Media Medica: Technologies of Medical Communication," Johns Hopkins U, Oct 2017
- Panelist, "Power, Subjectivity, and Data," organizer B. Harcourt, Columbia University, Oct 2017
- Lifestyle Algorithm. Center for Study of Technology, Medicine & Science, UC Berkeley, Oct 2017
- Wearable Self-regulation. Sociology Department Seminar, UC Berkeley, Oct 2017
- Wearable Self-regulation. Department of Informatics, UC Irvine, Oct 2017
- Public interview with author Manoush Zomorodi, NYU Institute for Public Knowledge, Sept 2017
- Session leader, "Anxieties of Self-Tracking." Quantified Self Summit, Amsterdam, June 2017
- Lecture and Salon, Williams College, Oakley Center for the Humanities, May 2017
- Speaker at "Being Material" Symposium. MIT Center for Art, Science, and Technology, April 2017
- Participant in "Technology and the Self" workshop, organizer Peter Galison, Franke Institute for the Humanities, University of Chicago, December 2016
- Speaker at screening of KaChing: Pokie Nation, Concordia University, Toronto, December 2016
- Tracking Tendencies, "Unknown/Unknowable" workshop, University of Copenhagen, June 2016
- Presenter at inaugural Skeptech lecture, WFMU, New Jersey May 2016
- Panelist for digital media workshop "Unfinished," Met Breuer Museum, New York, May 2016
- From Mood Ring to MuseTM: Digital Sensor Technology and the Mediation of Sentience (for symposium "Streams of Consciousness: Data, Cognition, and Intelligent Devices"), Centre for Interdisciplinary Methodologies, Warwick University, April 2016
- Parsing Poker: The digital mediation of a game. Digital Humanities Lab at the University of Wisconsin (Milwaukee), April 2016
- Big Brother to Little Mother: Regulation in Sensor Society. Data & Society Institute, March 2016.
- Panelist for event, "Carrot, Stick, or Prune Juice: Do Employee Wellness Programs Make Sense?"
 NYU Department of Population Health and the NYU Langone School of Medicine, February 2016
- Panelist, book launch for Arjun Appadurai, Banking on Words, December 2015.
- Panelist, book launch for Judy Wacjman, Pressed for Time, November 2015.
- Speaker for conference "Addictions Old and New," University of Richmond, October 2015
- Plenary speaker for "Affect Theory Conference," Lancaster University, October 2015
- Session leader at Quantified Self conference, San Francisco, June 2015

- Keynote speaker, "Virtual Stakes" conference (on online gambling), Montreal, June 2015
- Speaker, Trento Economic Festival, Italy, June 2015
- Speaker, "Disciplines, Technologies, Algorithms" (organizer A. Johns), U Chicago, May 2015
- Speaker, Department of Anthropology Monday Seminar, University of Chicago, April 2015
- Speaker, MIT Spring Symposium "Our Own Devices: Tools of the Humanities," April 2015
- Speaker, Algorithms and Accountability conference, NYU, February 2015
- Lecture and live interview with Frank Lantz, NYU Game Center, February 2015
- Speaker at workshop "Living Data, Inhabiting New Media" (organized by D. Rosenberg & Colin Koopman), University of Oregon, February 2015
- Speaker for workshop "Pharmaceutical Self and Imaginary: Studies in Psychopharmacology and Globalization," School for Advanced Research, Santa Fe, October 2014
- Moderator for symposium Seeing/Sounding/Sensing, MIT Center for Art, Science, & Technology, September 2014
- Speaker for event, "Digital health: Designing for behavior change," Boston, August 2014
- Speaker at workshop "Calculating Capitalism." Columbia U Society of Fellows, April 2014
- Tricks of the trade: False wins. Cambridge Science Festival, "Big Ideas for Busy People," April 2014
- Time on device: The turn away from risk in gambling. McGill Communication Department speaker series, Montreal, April 2014
- Speaker for workshop, "Attention by Design." NYU Department of Media, Culture, and Communication, April 2014
- Reeling in Revenue. New York University Paduano Seminar in Business Ethics, March 2014
- Keynote speaker at "The Habit Summit." Stanford University, March 2014
- Speaker at OSTP-organized conference on the social and legal issues around "big data." Data & Society Research Institute & NYU Information Law Institute, March 2014
- How technology contributes to addiction. National Science Foundation Distinguished Lecture in the Social, Behavioral & Economic Sciences (SBE), Washington D.C., February 2014
- Lecture for MIT Media Lab course "Tools for Well-being," February 2014
- The gaming of chance: Online poker software and the potentialization of uncertainty. New York University Cultures of Finance working group, November 2013
- The self in self-tracking. IEEE Symposium on Technology & Society, Toronto, July 2013
- Reflections on the algorithmic self. Quantified Self European Summit, Amsterdam, May 2013
- Economy in the brain: How neuroeconomics shapes society. Duke University Center for Interdisciplinary Studies in Science and Cultural Theory Symposium, April 2013
- Addiction by design / Self by design: From slot machines to self-tracking tools. Cornell University Department of Science and Technology Studies, March 2013
- Neuroeconomics and public policy. U Minnesota Consortium on Law & Values, February 2013
- Formatting gambling addiction. Stanford University Medical Anthropology Seminar, January 2013
- Keeping track: Personal metrics and the digital self. Apple Headquarters, January 2013
- On behavioral tracking. MIT Knight Science Journalism lecture, December 2012
- Addiction by design. IEEE Social Implications of Technology lecture, Lexington, October 2012
- Live data: How player tracking changes gambling. MIT Burchard Scholars Lecture, September 2012

- Book launch for Addiction by Design. NYU Institute for Public Knowledge, September 2012
- Regulation and the brain. Workshop on Human Nature in the Public (organizer S. Jasanoff), Harvard University Science and Technology Center, April 2012
- Neuromarketing in context. Hampshire College Neuroscience and Society Lecture, March 2012
- Speaker at "The Beautiful Economy" (organized by artist Mary Walling Blackburn). The Laboratory at Harvard, February 2012
- The shortsighted brain. International conference on Neurosociety (organizer S. Woolgar), Saïd Business School, Oxford, December 2010
- New anthropologies of addiction (workshop). McGill University, Montreal, May 2009
- Calculating the future. Holtz Center for Science and Technology Studies, University of Wisconsin (Madison), April 2009
- Machine zone. New School Department of Anthropology lecture series, New York, March 2009
- Examining emergence. Gordon Research Conference on Sci & Tech Policy, Big Sky, August 2008
- The computational subject of neuroeconomics (for workshop "Our Brains, Ourselves," organizers A. Harrington & N. Rose). Harvard University History of Science Dept, Cambridge, May 2008
- Gambling on the screen. Good Experiences Laboratory (GEL), New York, March 2008
- Face-to-face or interface? MIT Technology & Culture Forum, Cambridge, September 2007
- Digital gambling and its discontents. School of Advanced Research Lecture, Santa Fe, March 2007
- The life science of consumer behavior. Vital Politics II Meeting, London School of Economics, 2006
- Design and dependency in Las Vegas. NYU Departments of Sociology & Metropolitan Studies, 2005
- Lecture at University of Chicago Anthropology Department, 2005
- Lecture at University of Pennsylvania Department of History and Sociology of Science, 2005
- Lecture at Columbia University Department of Anthropology Boas Lecture, 2005
- Homo addictus. Stanford Center for Bioethics, Palo Alto, 2003
- Pathological gambling: Scenes from a diagnostic debate. International conference, "Figuring Addictions / Rethinking Consumption," Lancaster, UK, 2002
- No Vacancy: Making something out of nothing in Las Vegas. California Psychoanalytic Circle annual symposium, San Francisco, 1999

Conference Presentations (selected)

Society for the Social Study of Science

- TAP BUZZ ZAP: the attentional economy of haptic wearables (for panel "Attention!" organizers N. Seaver, T, Karppi, R. Jablonsky), New Orleans, Sept 2019
- Discussant for panel "Subjects becoming statistical objects," organizers J. Cheney-Lippold, P. Kielty, New Orleans, Sept 2019
- Discussant for panel "Becoming otherwise: techniques for the better self," New Orleans, Sept 2019
- Sensor technology as a thermostat of the self (for panel "A sense of balance: techniques and technologies of self-regulation," co-organizer Hélène Mialet), Boston, August 2017
- The waning of the self in self-tracking (for panel: "Everyday analytics: The politics and practices of self-monitoring"), Barcelona, August 2016
- You are your data (for panel "Algorithmic Living," organizer P. Sengers), San Diego, October 2013
- Discussant for panel "Postphenomenological Perspectives on Self-tracking," organizer Yoni Van Den Eede," San Diego, October 2013.

- Personal Informatics and life as self-transformation (for panel "Technologies of the Self," organizer A. Pickering). Copenhagen, October 2012
- Random Number Generators and the Enchantment of Technology. Vancouver, November 2006
- Vectors of techno-dependency in Las Vegas (invited poster for session "Technological Animal," organizers B. Latour & J. Tresch). Paris, October 2004
- The technological mediation of chance. Milwaukee, November 2002
- Impulse management and its technologies. Cambridge, October 2001

American Anthropological Association (November/December)

- Panelist for "Technologies of Attention" organizers N. Seaver & M. Pedersen), Vancouver, 2019
- Discussant for panel, "Hoarding, Temporality, and Value: Regimes of Accumulation and Dispersal" (organizers G. Peebles & S. Newell), Vancouver, 2019
- Mommy Tech': sensor technology and algorithmic care (for panel "The Matter of Sociality and the Clutter of Attachment," organizer A. Allison) Washington, D.C., 2017
- Data for life: Wearable technology and the design of self-care (for panel "Producing digital publics", co-organizer J. Sherman). Washington, D.C., 2014
- From face-to-face to interface: Pushing slots in Macau (for panel "Producing Digital Publics from Gaming to Crowdsourcing," organizer M. Gray). Chicago, 2013
- Real-time customer tracking, data visualization, and market shaping. San Francisco, 2012
- Panelist on Executive Session "Collaborative Ethnography." Montreal, 2011
- "Neuroeconomists go to Washington" (for executive panel, "The Anthropology of Expertise," coauthor C. Zaloom). New Orleans, 2010
- Mapping addiction (for panel "Anthropologies of Addiction and Subjectivity"). Washington, D.C., 2007
- The pharmacological modulation of machine gambling (for executive panel "Cultures of Chemistry," organizer J. Jenkins). San Francisco, 2005
- Short-circuiting the human reward system. New Orleans, 2002
- Absent-minded bodies: Reflections on another kind of dualism. San Francisco, 2000

Society for Literature, Science, and the Arts

• Adaptive gaming algorithms: from behavioral intelligence to behavioral ignorance (for panel "Artificial Ignorance"), Toronto, Nov 2018

American Association of the History of Medicine

 Personal data tracking as quantified self-care (for panel "New Histories of Medical Technology: Information, Infrastructure and Identity," organizer J. Greene), New Haven, May 2015

American Sociological Association

- A technological audit of video gambling. Boston, August 2008
- Enchantment by design (for panel "Transgressing the Human Non-human Boundary," organizers L. Suchman & J. Fujimura). Montreal, August 2006

Grants (selected)

- Values-In-Design (VID) Council for Future Internet Architectures (National Science Foundation EAGER project led by H. Nissenbaum & F. Brunton), 2014-16
- Teaching and Learning Award, MIT School of Humanities and Social Sciences.
 For development of course "Neuroscience and Society." 2008, \$27,566.48
- Principal Investigator, "Neuroeconomics: From Synapse to Society."
 National Science Foundation Research Grant, 2007-2009, \$242,000 (Co-PI Caitlin Zaloom)

- Institute for Social and Economic Research and Policy, Columbia University. Seed grant for development of NSF Proposal "Neuroeconomics: From Synapse to Society." 2005, \$3,500
- Communications Opportunity Mini-Grant, Robert Wood Johnson Foundation. Completion funds for documentary film "BUFFET." 2005, \$8,000
- Health & Society Scholar Program Mini-Grant, Columbia University.
 To develop educational website for documentary film "BUFFET" 2005, \$2,900
- Center for Urban Research, Columbia University. Film production funds. 2004, \$5,000

Teaching

Graduate Seminars

Ethnography of Technology and Media (MCC, NYU)

Self as Data (MCC, NYU / STS, MIT)

Program Seminar for History, Anthropology, and STS (MIT, STS)

Introduction to Science and Technology Studies (MIT HASTS Program requirement)

Graduate Writing Seminar (MIT, STS)

Undergraduate Courses

Senior Honors Thesis Seminar (MCC, NYU)

Data and the Self (MCC, NYU)

Media, Technology, and Society (MCC, NYU)

Critical Issues in STS: Digital Life (upper division seminar, STS, MIT)

Technology and Experience (lower division seminar, STS, MIT)

Neuroscience and Society (large lecture course, STS, MIT)

Bioethics (large lecture course, co-taught, STS, MIT)

STS Capstone (small seminar, STS, MIT)

Advising and Mentoring

Doctoral & MA Program in Media, Culture, and Communication, NYU

- Kouross Esmaeli, "Testing Technology: The Digital Mediation of Education in New York." Co-Chair of PhD Committee (2014-2018)
- Francis Jervis, "Eating the World: A Political Economy of Silicon Valley," PhD Committee (2016-2020)
- Rodrigo Ferreira, "Radical Trust: Democracy in Mexico in the Age of Digital Networks." *PhD Committee* (2016-2019)
- Luke Stark, "That Signal Feeling: Emotion and Interaction Design." Reader for defense (2016)
- Sandeep Mertia, "Starting-up with the State: Computing, Entrepreneurship, and Governance in India," PhD Committee (2017-present)
- Yue Zhao, "Self-tracking and the Biopolitics of Selfie Software in China," MA Thesis Advisor (2018-2019)
- Tristan Beach, "DNA as Archival Medium." PhD Committee (2018-present)
- Alex Campolo, "A Computational Vision: Data Visualization in the Second Half of the Twentieth Century. *PhD Committee* (2018-2019)
- Sasha Kurlenkova, [On the co-construction of communication disorders], *PhD Committee* (2018-present)
- Tamara Spitzer-Hobeika, "Parsing the Public: Campaign Technology, Modes of Communication, and the Mediation of Democracy," PhD Co-Chair (2018-present)

- Will Lockett, "Cultivating Computation." *Orals Committee* (2019)
- Meg Wiessner, "Timber towers: digital media infrastructures, architecture, and planetary futures," PhD Committee (2020-present)
- Mielun Chen, [Ethnography of Time- and Attention-Tracking] Honors MA Thesis Advisor (2022)

Doctoral Program in History, Anthropology, and Social Science (HASTS), M.I.T.

- Shreeharsh Kelkar, "Platformizing Higher Education: The Promise and Perils of MOOC Infrastructure." PhD Committee (2012-2016)
- Mitali Thakor, "Representing and Retrieving: Child Pornography, Image Detection Software, and Anti-Trafficking Networks." Exams Committee (2012-2013)
- Renee Blackburn, "The Safest Route: Defining Safety and "Safeness" in the American Automobile Industry." *Exams Committee* (2013-2014)
- Lan Li, "Atlases of Acupuncture: Obscuring Material Physiologies in Bodies, Science, and Medicine."
 Exams Committee (2013-2014)
- Anna Wexler, "Knowledge production in the do-it-yourself transcranial direct current stimulation (tDCS) community." PhD Committee (2013-2017)
- Burcu Mutlu, "Seeking Sex Selection in the 'Baby-Land': An Ethnography of Reproductive Tourism."
 PhD Committee (2013-2018)
- Amy Johnson, "Twitter and the Body Parodic: Global Circulation of a Speech Genre." *PhD Committee* (2017)

Other Programs, Dissertation Committee Member

- Laura Norén, "Creative collaboration: Technology, teams, and the tastemakers' dilemma."
 Department of Sociology, New York University. (2014, defense only)
- Theodora Vardouli, "Who Designs? Technological Mediation in Design Participation." Doctoral Program in Design and Computation, M.I.T. Department of Architecture. (2014-2015)
- César Albarran Torres, "Encoding Chance: A Technocultural Analysis of Digital Gambling." University
 of Sydney Digital Cultures Program in the Dept of Media & Communications. (2015)
- Yichen Rao, "Coming of Age with Internet Addiction in China: An Ethnographic Study of Institutional Encounters & Subject Formation," Graduate Program, Chinese University of Hong Kong. (2015)
- Neta Alexander, "Chronopower: On-Demand Culture and its Discontents." New York University, Cinema Studies. (2014-2018)
- Anat Noa Fanti, "Happiness in demand: The co-production of happy people, happy organizations, and happy states," Bar Ilan University, Graduate Program in STS. (2014-present)
- Rebecca Jablonsky. "Mindbending: An Ethnography of Meditation Apps in an Age of Digital Distraction."
 "Rensselaer Polytechnic Institute, STS Department. (2017-2020)
- Ryan Banfi, New York University, Cinema Studies. (2021-present)

Professional Service

- Advisory Board, "Datafied Life" (Dept of Communication, U Copenhagen) (2020-present)
- Advisory Board for DISTRACT (The political economy of distraction), Copenhagen Center for Social Data Science, U Copenhagen Faculty of Social Sciences (2020-present)
- Editorial Committee, *Public Books* (2019-present)

- Academic council, AI Now Institute (2017-present)
- Editorial Board, Cultural Anthropology (2015-2018)
- Editorial Board, *BioSocieties* (2013-2021)
- Editorial Board, Somatosphere (2012-present)
- Advisory Board, Limn journal (2018-present)
- Advisory Board, Centre for Humane Technology, Stanford University (2018-present)
- Journal Article Peer Review: Medical Anthropology Quarterly (2003); Biosocieties (2009, 2012, 2013 [2], 2014 [2], 2015, 2017); Public Culture (2012, 2020); Social Studies of Science (2013 [2]); Cultural Anthropology (2013, 2015, 2018, 2019, 2020, 2021); Science, Technology, and Human Values (2015); New Media & Society (2015, 2016); Journal of Gambling Studies (2016), Capacious (2016); Journal of Cultural Economy (2016, 2018); Qualitative Inquiry (2017); Consumption Markets & Culture (2018); Performance Enhancement & Health (2018); Anthropological Quarterly (2019, 2020); Foucault Studies (2019); Information, Communication, & Society (2019); International Journal of Cultural Studies (2019); Technology and Society (2019); Convergence (2020); Sociological Review (2021); Big Data & Society (2022)
- Manuscript Reviewer: U Chicago (2014, 2018, 2019, 2021); Pluto Press (2014, 2018); MIT Press (2015, 2016, 2017, 2018, 2019[2]); Polity (2015, 2015); Duke (2017); Routledge (2017); NYU Press (2019); Columbia U (2018, 2019); Princeton U Press (2019); Palgrave-Macmillan (2020); U California Press (2022)
- Proposal Reviewer: National Science Foundation (2012)
- Member: Society for Cultural Anthropology; Society for the Social Study of Science;
 Committee on the Anthropology of Science, Technology and Computing (CASTAC)
- Session organizer: American Anthropological Association annual meetings
 - o Invited panel discussant, Hoarding, Temporality, and Value, Vancouver, 2019
 - o Producing digital publics (co-organizer, with J. Sherman). Washington, D.C., 2014
 - o Technologies of pleasure (co-organizer, with J. Fishman). New Orleans, 2002
 - o Dispossessions (co-organizer, with A. Lakoff). San Francisco, 2000
 - o Appointed chair of panel, "Virtual Worlds." San Francisco, 1996
- Session organizer: Society for the Social Study of Science annual meetings
 - o A sense of balance: technologies of self-regulation" (co-organizer Hélène Mialet). Boston, 2017
 - o Phenomenological perspectives on self-tracking (co-organizer Y. Van Den Eede). San Diego, 2013
 - Calculative agency in human-machine assemblages (co-organizer H. Mialet). Vancouver, 2006
 - o Human-animal worlds on camera (co-organizer R. Mayeri). Vancouver, 2006
 - o Rethinking nonhuman agency through animal & machine (co-organizer, w E. Kohn). Pasadena, 2005
 - o Forecasting loss, forecasting gain (co-organizer, with C. Zaloom). Milwaukee, 2002

Public Service

2018	Letter to support Washington Gambling Commission ruling on mobile gambling apps
2017	Presenter at Florida State Legislature Forum on Commercial Gambling
2014-	Member of Predatory Gambling Liability Project (a group of lawyers, academics, and
	public advocates developing a consumer protection case vs. gambling technology)
2012-present	Expert Advisor, "Social and Economic Impacts of Gambling in Massachusetts"
	(team led by R. Volberg, U Mass Amherst)

2010-present	Advisor to the Massachusetts Gambling Commission on implementation of Statute 97
	(requiring casinos to make their customer-tracking data available to researchers)
2013	Presenter at Massachusetts Gambling Commission Forum on Responsible Gaming
2012	Advisor to Massachusetts Gambling Commission Research Subcommittee
2010	Drafted an amendment to the 2012 Gambling Bill (passed into law as Statute 97)
2010	Advisor and on-screen contributor to CBS 60 minutes episode, "The Big Gamble"
2008	Delivered expert testimony on Governor's Gambling Bill at Boston Statehouse
2007	Delivered expert testimony at Boston Statehouse hearing on gambling addiction
2007	Press conference on gambling expansion at National Press Club, Washington, D.C.

Keynote lectures and workshops for government councils and public policy associations

- Alberta Gaming and Liquor Commission Annual Responsible Gambling Symposium, October 2016
- Maryland Center of Excellence on Problem Gambling, May 2016
- Responsible Gambling Council, Discovery Conference, Toronto, April 2016
- New York State Council on Alcoholism and Drug Dependence, Rochester, April 2013
- American Public Health Association, Boston, November 2013
- Gambling Research Lab, Waterloo, July 2013
- Massachusetts Council on Problem Gambling, Mount Auburn Hospital, Cambridge, June 2013
- Ontario Problem Gambling Institute, Centre for Addiction & Mental Health, Toronto, June 2013
- National Council on Problem Gambling, Boston, July 2011
- New York State Council on Problem Gambling, Albany, March 2010
- New York State Regional Training Conference on Problem Gambling, Westchester, August 2010
- New York State Council on Alcoholism & Drug Dependence, Rochester, September 2010
- Ohio Department of Alcohol & Drug Addiction Services, Columbus, March 2012
- Alberta Gaming Research Institute, Banff, Canada, April 2008

Video Documentaries

- MACHINE GAMBLERS.
- f2008. A series of two-minute audio-visual documentary portraits using moving images and recorded interviews with gamblers.
- BUFFET: All You Can Eat Las Vegas (www.buffetmovie.com). 2007. Director and Producer.

Awards and Screenings

Multiple screenings on PBS stations

Port Townsend Film Festival, Rhode Island, 2007

New York Food Film Festival 2007

Society for Visual Anthropology, 2006 *Best Short Film

Planet in Focus Festival, Toronto, CA 2006

CineVegas Film Festival, Las Vegas, Nevada, 2006

San Francisco Indie Docfest, California, 2006

NewFilmmakers Festival at the Anthology Archives, New York, 2006

Slow Food Film Festival, Arizona 2006

Southern California Film Festival, 2006

Roving Eye Documentary Film Festival, Rhode Island, 2005 *Best Short Film

Santa Fe Film Festival, New Mexico, 2005

Robert Wood Foundation National Headquarters, Princeton

• LA PROMESA. 1994. Film Documents 1993 pilgrimage to San Lázaro in Rincón, Cuba. Assistant Director and Co-Editor (Director J. Ramos)

Awards and Screenings

17th International Festival of New Latin-American Cinema, Havana, Cuba,1995 Margaret Mead International Film Festival, New York, 1995 Southwestern Anthropological Association, San Francisco, 1995 American Anthropological Association, Washington DC, 1995 Latin American Studies Association, 1995 *Award of Merit

Press Coverage (selected)

Television, Radio, Documentary Film

Featured commentator on Esports harms, NBC News Now, June 2022

- "Online gambling makes sports betting easier than ever," NBC Nightly News, Jan 2022
- "Money, Explained: Gambling," Netflix Documentary, May 2021
- "Slot machines," BBC News, 50 Things That Made the Modern Economy, Tim Hardford, Jul 2021
- "What Happened in Vegas / Should've Stayed in Vegas" Episodes 1 and 2 of *Your Undivided Attention*, podcast of the Center for Humane Technology with co-hosts Tristan Harris & Aza Raskin, June 2019
- "The Time Thieves," Cosima Dannoritzer, Polar Star Films (Spain) 2018
- "Social Media's Addictive Power is by Design," RETRO REPORT, PBS, Oct 2019
- "Tech Addiction and the Dark Art of Persuasive Design," Ali Rae, Al Jezeera, Jul 2019
- "Down & Under: economics of poker machines in Australia," ABC National Radio, R. Aedy, Dec 2018
- "Jackpot," Trailblazers Podcast with Walter Isaacson, 2018
- "Attentional Serfdom," Inaugural episode of Tricky: A Podcast, with Heather Chaplin, Feb 2017
- "The Fifth Estate: Gambling on Addiction," CBC-TV, Dec 2017
- "The Digital Human," Series 12, Insatiable, BBC Radio 4, Oct 2017
- "Adams Ruins Everything: Podcast, episode 35," Maximum Fun, Sept 2017
- "Adam Ruins Vacations," TruTV, Sept 2017
- "Nudge, nudge, wink, wink: The science of behavioral design," Spark, CBC Radio, May 2017
- "Life, Calibrated," Explorer, National Geographic, April 2017
- "Casino Capitalism," On Contact, with Chris Hedges, RT America, Mar 2017
- "Why Can't We Stop Looking at our Phones?" BBC world service, The Inquiry, Mar 2017
- "Slot Machines: Addiction by Design," The Agenda with Steve Paikin, Toronto television, Jan 2017

Featured in Ka-ching: Pokie Nation, Looking Glass Picture, TVF International, Dec 2016

- "Natasha Schull on addiction, ludic loops and why smartphones are mobile 'Skinner boxes." Between Worlds with Mike Walsh, Soundcloud, Sept 2016
- "What Makes You Click," Netherlands Public Television, Sept 2016
- "The Quantified Self," To the Best of Our Knowledge, Wisconsin Public Radio, April 2015
- "Your Quantified Body, Your Quantified Self." Note to Self, WNYC, Mar 2016
- "The machine zone and the future of gambling," Antony Funnell, ABC Australia, Mar 2015
- "Codes and Conspiracies: Las Vegas," Feb 2015
- "Even when you're losing, slots boost your morale," Innovation Hub, Public Radio Intl, Aug 2014
- "Stuck in the machine zone: Your sweet tooth for Candy Crush," NPR, June 2014
- "Addiction by Design," Spark, with Nora Young, CBC Radio, Oct 2014
- "You lost Congratulations!" Global Mail, Jan 2014
- "No-armed bandit," 99% Invisible with Roland Mars, April 2013
- "Please explain: The science of gambling addiction," Leonard Lopate Show, WNYC, Feb 2013
- "The machine zone," KNPR Las Vegas, 2012
- "The Big Gamble," 60 Minutes, Jan 2011
- "Studio 360: Slots," WNYC, 2009

Print Press (Features and Interviews) "Slot machines bring in billions, so why are casinos removing them?" Will Yakowicz, Forbes, June 2022 "Measuring Up: The Quantified Self," Slavea Chankova, The Economist, Tech Quarterly, May 2022 "Because your algorithm says so," New York Magazine, Michelle Santiago, February, 2022 "Principles from casinos applied to your cell phone," Psychology Today, Liraz Margalit, April 2021 "Robinhood's Big Gamble: In eliminating barriers to investing in the stock market, is the app democratizing finance or encouraging risky behavior?" The New Yorker, Sheelah Kolhatkar, May 2021 "How a stock app turns young and inexperienced investors into Wall Street profits," Mother Jones, Hannah Levintova, April 2021 "How Robinhood is Shaking up the Brokerage Industry," Wall Street Journal, Jason Zweig, Aug 2020 "Spieler sind in einer Trance," Jochen Metzger, Psychologie Heute, Aug 2019 "The machine always wins: addiction to social media," Richard Seymour, The Guardian, Aug 2019 "How Has the 'Crack Cocaine of Gambling' Affected Illinois?" Jason Grotto, Sandhya Kambhampati, Dan Mihalopoulos, *ProPublica Illinois and WBEZ Chicago*, Feb 2019 "Interactive sports broadcasts are like home slot machines," Kevin Littman-Navaro, The Outline, Jan 2019 "Social media copies gambling methods 'to create cravings,' " Mattha Busby, The Guardian, May 2018 "Accros du smartphone: comment décrocher sans tout couper?" Fabien Soyez, CNET France Mar 2017 "Kids are hooked on technology. What can be done?" Ellen Lee, Huffington Post, Feb 2017 "Tracking down the root of our self-tracking obsession," Adriana Barton, The Globe & Mail, Feb 2017 "How technology gets us hooked," Adam Alter, The Guardian, Feb 2017 "Emotional architecture: Winning the jackpot every time." Oliver Lovat, Gambling Insider, Jan 2017 "Guess who's really pushing the buttons?" Russell Wangersky, The Telegram, Jan 2017 "How Designers Engineer Luck Into Video Games," Simon Parkin, Nautilus, Jan 2017 "Romanian Roulette," Diana Mesesan, Balkan Insight, Nov 2016 "Australia Has a Serious Gambling Problem," Daniel Zender, New York Times, Nov 2016 "This App Is Like Uber but for Unlicensed Therapists," Leon Dische Becker, Vice, Nov 2016 "How Casinos Enable Gambling Addicts," The Atlantic, Nov 2016 "The science behind apps you can't stop using," Ian Leslie, Australian Financial Review, Oct 2016 "Què té la tecnologia que enganxa?" Cristina Calderer, ARA Bogota, Sept 2016 "Addicted to Anticipation," Maia Szalavitz, Nautilus, Sept 2016 "Quell'azzardo del "gioco responsabile," Marco Dari Mattiacci, Altreconomia, Sept 2016 "Ganarle a la ludopatía," Facundo Manes, Clarín.com, Jul 2016 "How Technology Hijacks People's Minds," Tristan Harris, Huffington Post, May 2016 "Two Books on Addiction & Acedia," Leah Libresco, Commonweal, Mar 2016 "Casino's online slots mislead by being easier to win," Sean Murphy, Boston Globe, Mar 2016 "She'll Text Me, She'll Text Me Not: The science of waiting in modern courtship," Aziz Ansari & Eric Klinenberg, Nautilus, Feb 2016

"Why We Hate Follow People On Instagram," Sophie Wilkinson, The Debrief, Feb 2016

"Documentary reveals what makes slots so addictive," Michael Safi, The Guardian, Oct 2015

"Collapse of Authenticity Helped DraftKings make more \$," Michael Thomsen, Forbes, Oct 2015

"Gamblers, Scientists & the Mysterious Hot Hand," George Johnson, New York Times, Oct 2015

"Websites designed for compulsion, even addiction," Michael Schulson, Aeon, Nov 2015.

"Apple Watch won't make you healthier," Julia Belluz, VOX, June 2015

"Losing focus: Why tech is getting in the way of work," Ian Hardy, BBC News, May 2015

"Technology That Prods You to Take Action," NYTs Sunday Business, Natasha Singer, April 2015

"Comment remédier à l'anxiété de la mesure?" Hubert Guillaud, InternetActu.net, May 2015

"Aziz Ansari gets help from MIT professor on book," Boston Globe, Jul 2015

"Inside the Casino, the house is always watching," Evan Selinger, Christian Science Monitor, June 2015

"The Addiction Algorithm," Ethnography Matters, Rachelle Annechino, Feb 2015

"New Technology Is Making Gambling Even More Addictive," Vice, David Cox, April 2015

- "Engineers of addiction," Verge, Andrew Thompson, May 2015
- "Can't put down your device? That's by design," NYTs Sunday Business, Natasha Singer, Dec 2015
- "Big Mother Is Watching You," Anne Helen Petersen, BuzzFeed News, Jan 2015
- "Slot Machine Science: How slot machines get you to spend more money," Brad Plumer, VOX, Mar 2014
- "Gaming the poor," Barbara Dafoe Whitehead, The New York Times, June 2014
- "Addiction as Art," Ian Leslie, NewStatesman, Mar, 2014
- "The Pleasure and Pain of Speed," Tom Vanderbilt, Nautilus, Jan 2014
- "Obsession engineers: Mind control the Candy Crush way," Doug Heaven, New Scientist, May 2014
- "Casinos' worrying knack for consumer manipulation," Tim Hartford, Financial Times, Jan 2014
- "From slot machines to personal health tracking tools," RWJF Scholar Profile, 2014
- "In New York casino vote, a dance with temptation," Robert Frank, *The New York Times*, 2013
- "Slots raise our hopes, even when we're losing," Randall Stross, The New York Times, 2013
- "Facebook machine zone," Alexis Madrigal, The Atlantic, 2013
- "A lose-lose situation," Tom Vanderbilt, The Guardian, 2013
- "Quantified self: Tech-based route to better life?" BBC Online, 2013
- "Technology turns the tables on punters," Christopher Caldwell, The Financial Times, 2012
- "Can objects be evil?" Laura Norén, Public Books, 2012
- "Betting their bottom dollar," Peter Dizikes, 2012
- "Caught in the gambling zone," RWJF Newsletter, 2012
- "Games that prey on the mind," Christopher Caldwell, Financial Times, 2010
- "Are games partly to blame for addiction?" Liz Benston, Las Vegas Sun, 2009
- "How slots are secretly designed," Philadelphia Citypaper, 2009
- "Glitzy video slots are particular addiction risk," Boston Globe, 2009
- "Going for broke," MIT Tech Review, 2009
- "Against legalizing video poker" Chicago Tribune, 2009
- "Video poker slammed" Chicago Daily Herald, 2009
- "The casino's ideal customers" MIT Spectrum, 2008
- "Gambling with science." Erica Strickland, Salon, 2008
- "Gamblers could be hooked on slots," Capital Gazette, 2007
- "Rise of Slot Machines Decried," Las Vegas Review Journal, 2007