

HÉLÈNE MIALET

STS Program
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EDUCATION

- Ph.D. Institut d'Histoire et de Philosophie des Sciences et des Techniques *Awarded with High Distinction*, Sorbonne, University of Paris I, and the Centre de Sociologie de l'Innovation, Ecole Nationale Supérieure des Mines de Paris, 1994
- D.E.A. (Diplome D'Etudes Approfondies) Institut d'Histoire et de Philosophie des Sciences et des Techniques *Awarded with High Distinction*, Sorbonne, Université de Paris I, 1990
- M.A. Philosophie *Awarded with High Distinction*, Université de Lyon III, 1989
- B.A. Philosophie, Université de Lyon III, 1988

ACADEMIC APPOINTMENTS

- 2023-2028 **Co-director** Canadian Institute For Advanced Research, Future Flourishing Program
- 2021-present **Professor**, Department of Science and Technology Studies, York University
- 2018-2021 **Associate Professor**, Department of Science and Technology Studies, York University
- 2016-2018 **Assistant Professor**, Department of Science and Technology Studies, York University
- 2014-2015 **Visiting Assistant Professor**, Science and Technology Studies Program, UC Davis
- 2003-2013 **Visiting Assistant Professor**, Departments of Anthropology, Sociology, and Rhetoric, UC Berkeley
- Affiliated: The Program in Critical Theory; Center for New Media; Social Ontology Group; Center for Science, Technology, and Society; Social Science Matrix; Townsend Center; French Studies; Art Research Center
- 2009 **Visiting Assistant Professor**, Department of History of Science, Harvard University

2000-2003	Assistant Professor , Department of Science and Technology Studies, Cornell University (<i>tenure track position resigned to care for child with chronic illness</i>)
1998-1999	Post-Doctoral Fellow , Max-Planck-Institut für Wissenschaftsgeschichte, Berlin
1997-1998	Post-Doctoral Research Fellow & Co-Director , History and Sociology of Science Program, Maison Française and the University of Oxford
1995-1996	Post-Doctoral Research Fellow , Department of History and Philosophy of Science, University of Cambridge
1995	Researcher , European Commission, Institut Pasteur Paris

FELLOWSHIPS, AWARDS AND HONORS

2023	Principal Investigator and Co-director, Future Flourishing Program, Canadian Institute For Advanced Research. Global Call: <i>The Future of Being Human</i> (5 years).
2022	SSHRC Insight Grant, <i>Sensors, Senses and Sensibility: An Ethnographic Study of 'Control' in Type 1 Diabetes</i> (\$219,659)
2021	Grant Clinic SSHRC, York University.
2019-2020	Residential Fellow, Centre for Advanced Study, the Norwegian Academy of Science & Letters, “The Body in Translation (Historicizing and Reinventing Medical Humanities and Knowledge Translation)”, with John Ødemark and Eivind Engebretsen (\$58,500).
2018-2019	Inaugural Fellow, Berggruen Institute and USC Dornsife College of Letters, Arts and Sciences (\$109,650).
2022, 2020, 2019	Minor Research Grant, York University (\$3,000; \$2,000; \$4,190).
2018, 2016	Faculty Research Fund, York University (\$1,350; \$1,350).
2018, 2016	YUFA Minor Research Grant Fund, York University (\$3,500; \$3,500).
2001, 2000	Grant, Society for the Humanities, Cornell University (USD \$2,500; USD \$1,500).
2000	President’s Council of Cornell Women Grant, Cornell University(USD \$5,500).
2000	Course Development Grant from Cornell University’s program of “Mind and Memory: Creativity in Science and Art” (USD \$5,000).
1998-1999	Post-Doctoral Fellowship, Max-Planck-Institut für Wissenschaftsgeschichte, Berlin (DM 40,800: CAD \$35,830).
1997	Post-Doctoral Fellowship, Maison Française and Oxford University Ministère des Affaires Etrangères (GBP 20,000: CAD \$44,700).

1995-1997	Marie Curie Post-Doctoral Research Fellowship for extremely promising young scholars, Department of History and Philosophy of Science, Cambridge University (GBP 100,000: CAD \$212,770).
1991	Grant Franco-Québécoise cooperation, Centre Inter-universitaire de Recherche sur La Science et la Technologie, Montreal, Canada.
1990-1993	Merit Grant, Ministère de la Recherche for the Ph.D. (\$36,000).

RESEARCH GROUPS

2021-present: *Bodies in Translation: Science, Knowledge and Sustainability in Cultural Translation*. PI: John Ødemark. In this project, we investigate various cultural and epistemic translation practices where sustainable health and the human body serve as a boundary object between natural and cultural forms of knowledge. Funded by The Research Council of Norway. Grant. nr. 315928.

2019-present: *Body in Translation – Historicising and Reinventing Medical Humanities and Knowledge Translation*. PIs: Eivind Engebretsen and John Ødemark. Institute of Health and Society, University of Oslo and the Centre for Advanced Studies, Norwegian Academy of Letters and Science. Body in Translation has provided input for Centre for Sustainable Healthcare Education (SHE), applied for as Centre of Excellence in Education (SFU).

2022: ORU, the Institute for Technoscience and Society (ITS). Director: Kean Birch. The ITS is a global hub of critical and interdisciplinary research and knowledge mobilization on the relationship between technoscience and society, especially the configuration of social power underpinning scientific claims, medical practices, emerging technologies, and sites of innovation. York has one of the largest concentrations of and internationally renowned experts working on these important societal issues and the ITS will support these researchers as they promote socially responsible and inclusive technoscience.

2022: Digital Justice CIRC, Interdisciplinary Research Cluster. PIs: Patricio Davila and Ganaele Langlois (York University)

PUBLICATIONS

Articles in Progress

“Hackers, Biohackers, and Dogs: Medicine at the Center or on the Margin?”

“Calibration of Scent: An Ethnography of What the Nose Knows.”

Books in Progress

Sensors, Senses and Sensibility: An Ethnographic Study of ‘Control’ in Type 1 Diabetes, in preparation, 150 typescript pages completed.

Theoretical Investigations of the Actor of Invention, 150 typescript pages completed.

Books

- Under review *Making the New: An Ethnography of Innovation*, English translation of *L'Entreprise Créatrice: Le rôle des récits, des objets et de l'acteur dans l'invention* (Paris: Hermès-Lavoisier, 2008).
- 2012 *Hawking Incorporated: Stephen Hawking and The Anthropology of the Knowing Subject* (Chicago: University of Chicago Press).
- 2014 Japanese Translation of *Hawking Incorporated* (Kashiwashobo).
- Forthcoming Chinese Translation of *Hawking Incorporated* (Zhejiang University Press Co).

REVIEWED IN: *Science, Disability and Society*, *British Journal for the History of Science*, *Common Knowledge*, *Technology and Culture*, *Liens Sociaux*, *Physics World*, *American Ethnologist*, *Qui Parle*, *Choice*, *ISIS*, *Social Studies of Science*, *American Anthropology*, *Times Higher Education Supplement*, *Il Corriere della Sera*, *H+ Magazine*, *Frankfurter Allgemeine Zeitung*, *New Books in Science, Technology and Society and Anthropology*, *The New Scientist*, *Chronicle of Higher Education*, *Revista de Estudios Sociales*, *Los Angeles Review of Books*, *Nihon Keizai Shinbun*, *Yomiuri Shinbun*, *Forum for Anthropology and Culture* (in Russian), *La Recherche*.

PRESS COVERAGE: *Nature*, *Slate*, *Raw Story*, *The Dish*, *Huffington Post*, *Real Future*, *The Atlantic*, *The Daily Mail*, *Le Temps*, *The New Yorker*, *L'Express*, *Globe and Mail*, *The Economist*.

- 2014 *A La Recherche de Stephen Hawking* (Odile Jacob), revised and edited version of *Hawking Incorporated* translated by the author in French.

REVIEWED IN: *Les Echos*, *Inrockuptibles*, *Ciel et Espace*, *Système d'Information en Philosophie des Sciences*, *Mediapart*.

PRESS COVERAGE: *Tout Savoir Psycho*, *Le Figaro*, *Valeurs Actuelles*, *Livre Hebdo*, *Lacroix*, *Espace des Sciences*.

- 2008 *L'Entreprise Créatrice, Le rôle des récits, des objets et de l'acteur dans l'invention* (Paris: Hermès-Lavoisier). Finalist, *Prix Advancia*, best book in French on Entrepreneurship and Innovation.

REVIEWED IN: *Documents pour l'histoire des techniques*, *Tecnoscienza*.

Peer reviewed Journal articles

- 2022 “The Body in Balance: Making Sense of Sensation,” *Body & Society*.
- 2020 “How Dogs Become Accurate Instruments: Care, Attunement and Reflexivity,” *Humanities and Social Sciences Communications*, 7/66.

- 2017 “A Singularity, or Where Actor Network Theory Breaks Down,” *Subjectivity*, 10/3: 313-328.
- 2014 “The Pugilist and the Cosmologist: A Response to ‘*Homines in Extremis*: What Fighting Scholars Teach Us about Habitus,’ by Loic Wacquant,” *Body and Society*, 20/2: 91-99.
- 2012 “The Extended Body of Hawking,” in *Interdisciplinary Science Reviews*, special issue: “Master and Servant in *Technoscience*,” 37/4: 354-371.
- 2012 “Where STS Would Be Without Latour? What Would Be Missing?” *Social Studies of Science*, 42/3: 456-461.
- 2009 “Making a Difference by Becoming the Same,” *The International Journal of Entrepreneurship and Innovation*, 10/4: 257-265.
- 2009 “Reincarnating the Knowing Subject: Scientific Rationality and The Situated Body,” *Qui Parle?* 18/1: 53-73.
- 2009 “William X & Mr. H: Repenser l’Acteur de l’Invention,” *Documents pour l’histoire des techniques*, 17: 134-148.
- 2003 “Reading Hawking’s Presence: An Interview with a Self-Effacing Man,” *Critical Inquiry*, 29: 571-598.
- 2001 “A Propos d’Invention: Reconfiguration d’un Sujet Philosophique Saisi dans ses Pratiques?” *Rue Descartes, Official Journal of The Collège International de Philosophie*, Special Issue: “Rationalités de la Science,” 31 (Paris: PUF, Mars): 87-103.
- 1999 “Do Angels Have Bodies: Two Stories About Subjectivity in Science, The Cases of William X and Mr. H,” *Social Studies of Science*, 29/4: 551-582.

Book chapters

- 2019 “Becoming the Other: The Body in Translation,” in David Gruber and Lynda Walsh (eds.), *The Routledge Handbook of Language & Science* (Abingdon and New York: Routledge), 375-384.
- 2019 “The Distributed Centered Subject,” in Jill Bennett (ed.), *Thinking in The World* (London: Bloomsbury), 131-149.
- 2018 “Anthropologie numérique ou anthropologie de la trace,” in Bernard Stiegler, ed., *La Vérité du numérique: Recherche et enseignement supérieur à l’ère des technologies numériques* (Paris: FYP éditions), 189-203.

- 2011 “La statue de Stephen Hawking, ou comment se représenter la science de son vivant,” in Sophie Houdart & Oliver Thiery (eds.), *Humains non Humains: Comment repeupler les sciences sociales* (Paris: La Découverte), 244-254.
- 2011 “Réflexion sur une pensée diagrammatique,” in Christian Jacob (ed.), *Les lieux de savoir*, Vol. 2 (Paris: Albin Michel), 922-944.
- 2006 “Do Angels Have Bodies: Two Stories About Subjectivity in Science, The Cases of William X and Mr. H,” in E. Selinger and R. P. Crease (eds.), *The Philosophy of Expertise* (New York: Columbia University Press), 246-279. Reprinted article.
- 2003 “Is the End in Sight for the Lucasian Chair? Stephen Hawking as Millennium Professor,” in K. Knox and R. Noakes (eds.), *From Newton to Hawking: A History of Cambridge University's Lucasian Professorships of Mathematics* (Cambridge: Cambridge University Press), 425-459.
- 1995 “Les Pratiques de l’Invention,” in Robert Prost (ed), *Concevoir, Créer, Inventer* (Paris: L’Harmattan, collection Villes et Entreprises), 283-300.

Essay reviews

- 2003 “The ‘Righteous Wrath’ of Pierre Bourdieu,” Essay Review of Pierre Bourdieu’s *Science de la science et réflexivité*, *Social Studies of Science*, 33/4: 613-621.
- 2001 “We Have Always Been Mixed Up: Aristotle at the Heart of the Composite Age,” Essay Review of Bernadette Bensaude-Vincent’s *Eloge du mixte: Matériaux nouveaux et philosophie ancienne*, *Studies in History and Philosophy of Science*, 32/1: 193-202.

Festschrift

- 2022 “A Proofing Nose,” *The Mantis Shrimp, A Simon Schaffer Festschrift*, 91-94.

Encyclopedia articles

- 2009 “Stephen Hawking,” *Encyclopedia of American Disability History* (New York), 428.

Conference proceedings

- 1998 “The Brain of Hawking,” *La Lettre de la Maison Française*, 9: 5-8.
- 1998 “William X & Mr. H: Deux Sujets Re-matérialisés,” *La Lettre de la Maison Française*, 9: 140-170.
- 1995 “Etude de la Culture Pastorienne,” European Commission Report.

Writing for Popular Press

- In preparation “The Artificial Pancreas: Hybrids and Humans,” *Berggruen Institute Magazine*.

- 2018 “Hawking vu par Hélène Mialet,” *L'Express France* (October 17).
- 2018 “Stephen Hawking Lived Beyond His Body,” *The Atlantic* (March 17).
- 2018 “Stephen Hawking, le mythe du génie solitaire,” *Pour la Science* (March).
- 2015 “Stephen Hawking, le mythe du génie solitaire,” *Pour la Science* (Février).
- 2014 “Stephen Hawking, *Hawking Incorporated*, And the Myth of The Lone Genius,” Guest Blog: Commentary invited by the editors, *Scientific American* (December 31).
- 2013 “On Stephen Hawking, Vader and Being More Machine Than Human,” *Wired* (January 8).
- 1997 “Le Phénomène Hawking,” Numéro Spécial: “Mythes et Légendes de la Science,” *Science et Avenir* (Juillet-Août): 80-83.

Academic and professional blogs

- 2021 Writing Life No. 14: An Interview with Hélène Mialet, *Somatosphere* (June 17).
- 2018 Articulating the Scientist as a distributed Centered Subject, Interview, *STS Istanbul Science Technology Society* (August 2).
- 2017 “A Sense of Balance: Techniques and Technologies of Self-Regulation,” with Natasha Schüll, *Transmissions*, An SSS Companion Blog (September 16).
- 2017 “Stephen Hawking, Automation, and Politics,” *Platypus*, the official blog of the Committee on the Anthropology of Science, Technology, and Computing of the American Anthropological Association (January 10).
- 2015 “Ethnography and the Distributed-Centered Subject,” for the blog *EPIC: Advancing the Value of Ethnography in Industry* (June 11).

Program of the Opera

- 2015 “Hawking: Le Faust du 21^{ème} siècle,” article for the new season of Opéra Bastille, Paris, Berlioz’s *Faust* directed by Alvis Hermanis (December).

INVITED TALKS

- 2023 “Remembering Bruno Latour,” Science in Human Culture Doctoral Colloquium, Northwestern University (Avril).
- 2022 “Translating Diabetes: An Anthropology of Modernity Through the Nose of a Dog,” Translational and narrative epistemologies seminar at the Centre Universitaire de Norvège à Paris, Fondation Maison des Sciences de l’Homme (November).

- 2022 “Diabetic Alert Dogs: Following the Fabrication of a Nose,” Centre for Medical Humanities (CMH) and Department of History of Science and Ideas, Uppsala University (October).
- 2021 “Animals and AI,” The Berggruen Institute, Los Angeles (March).
- 2020 “Tracking the Trackers of Low Blood Sugar,” Department of Science and Technology Studies, York University, Toronto (October).
- 2019 “Tracing Metrologies from Concord California to Paris,” TIK, Center for Technology, Innovation and Culture, Oslo (October).
- 2019 “Animals in Translations,” Centre for Advanced Study, Academy of Science and Letters, Oslo (October).
- 2019 “Managing the Self through Dogs and Machines,” Department of History of Science and Ideas, Uppsala University (September).
- 2019 “Ethnographic Translation,” Centre for Advanced Study, Academy of Science and Letters, Oslo (September).
- 2019 “Type 1 Diabetes and Homeostasis,” Brain and Creativity Institute, University of Southern California (April).
- 2019 “Becoming the Other: The Body in Translation,” Colloquium on the Transformation of the Human, Berggruen Institute (April).
- 2019 “The Transformation of the Humans,” University of Southern California Dornsife Center for Science, Technology and Public Life and the Berggruen Institute (April).
- 2019 “The Ecology of the Body,” Institute for Society and Genetics, University of California, Los Angeles. Workshop: *The Political Rationalities of Conservation of Maintenance: Animals, Infrastructure, Expertise* (January).
- 2018 “Dogs and Therapy,” Centre for the History of Science, Technology and Medicine in Manchester England. Workshop: *Being Well Together: Human-animal collaboration, companionship and the promotion of health and wellbeing* (September).
- 2018 “Tracking The Body in Stress,” Centre de Sociologie de l’Innovation, Ecole Nationale Supérieure des Mines de Paris (May).
- 2018 “Bodies, Machines and Dogs: Reflection on a New Kind of Assemblage,” McLuhan Centre, University of Toronto (April).
- 2018 “The Distributed-Centered Subject: From Cosmology to the Finger Prick,” The DisPerSion Lab, York University (January).
- 2017 “Experiencing the World Through the Nose of a Dog: An Ethnographic Study of a Strange Ethnographer,” Department of Science and Technology Studies, Cornell University (November).
- 2017 “Balancing Bodies: Tracking Type 1 Diabetes,” Working Paper Series, Department of Anthropology, York University (October).
- 2017 “The Thinking Person’s Disease,” Department of History and Civilization at the European University Institute in Florence (May).

- 2017 “Repenser le sujet à l’heure du numérique,” École d’études sociologiques et anthropologiques / School of Sociological and Anthropological Studies Université d’Ottawa / University of Ottawa (February).
- 2016 “Penser le diabète à l’aide du concept d’exosomatization,” Maison des Sciences de L’Homme, Chaire de Recherche Contributive (December).
- 2016 Discussant, “Where has STS Traveled? Celebrating 40th Anniversary of the Inaugural Meeting of the Society for Social Science,” Cornell University, (October).
- 2016 “The Body in Translation,”
Workshop, Peter Sather Center, University of Oslo (June).
Workshop, Peter Sather Center, University of California, Berkeley (February).
- 2016 “Everyday Genius,” Department of Science and Technology Studies, York University (March).
- 2016 “From Hawking to the Quantified Self and Beyond: The Nexus of Human-Machine Interaction,” Department of Technology, Culture and Society, New York University (February).
- 2015 “Hawking, Diabetes, The Quantified Self and Beyond,”
School of Information, University of California, Berkeley (September).
Berkeley Sociological Ontology Group organized by John Searle, (November).
Department of Science and Technology Studies, York University, Toronto (March).
- 2015 “The Thinking Person Disease,” One-day workshop on sharing, pooling and appropriating medical information, “The Social Life of Medical Data,” University of California, Davis (June).
- 2015 Discussant, Cristiana Giordano's book: *Migrants in Translation: Caring and the Logics of Difference in Contemporary Italy* (University of California Press, Berkeley and Los Angeles: 2014), with Marisol de la Cadena and Ladson Hinton, Department of Science Technology Studies (STS) and the Center for Science and Innovation Studies (CSIS), University of California, Davis (June).
- 2015 “The History and Limits of the Actor-Network Concept,” with a response by Mario Biagioli. *Biographies of Concepts in the Human and Social Sciences*: International Workshop, University of California, Berkeley (March).
- 2014 “The Ethnographic Study of Science and the Digital,” Berkeley Institute for Data Science, University of California, Berkeley (December).
- 2014 “History of Knowledge,” organized by Arne Höcker, Kijan Espahangizi & Kieran Murphy, University of Colorado, Boulder (October).
- 2014 “Translating Vitalities: Diverging to and from Chinese Worlds, *A Project for Dialogues on Life*.” Organized by Judith Farquhar, Carla Nappi and Volker Scheid, Seattle (August).
- 2014 “Rêve, Cinéma, Cerveaux” Académie d’été de l’Ecole de Philosophie d’Epineuil-le-Fleuriel, pharmacon.fr organized by Bernard Stiegler, Epineuil (August).

- 2014 “Laboratories in the Global World,” Commentator and Chair, “Breaking Scientific Networks,” organized by Daniel Margocsy, Bill Rankin and Mario Biagioli, University of California, Davis (May).
- 2014 “How to Think the Subject Anew,” Program in Critical Theory, University of California, Berkeley (April).
- 2014 Keynote, “Why Things Matter,” Material Culture Conference, California State University Fullerton (March).
- 2014 Respondent, Mini Conference on Hélène Mialet’s *Hawking Incorporated*. Commentators: Joe Dumit, Jim Griesemer, Warren Sacks, Francesco Panese, University of California, Davis (January).
- 2013 “Are We All Disabled? Some insights about our current socio-technological and literary practices through the lens of a scientific hero,” Stanford University, Stanford (May).
Disability Studies Group, University of California, Berkeley (October).
University of California, Irvine (March).
- 2013 “Repenser le Sujet Connaissant: Le Sujet Distribué-Centré,” Centre Culturel International de Cérisy, Conférence: Métaphysiques Comparées: La Philosophie à l’épreuve de l’anthropologie (July).
- 2012 “Hawking Incorporated,” Book Launch, Center For Science, Technology, Medicine and Society, University of California Berkeley (December).
Centre Max Weber, Université Jean Monnet, St Etienne (June).
Institut des Sciences Humaines, Lyon (June).
CEMS-IMM/EHESS-CNRS (June).
- 2012 “Reflections on an Embodied Mind at Work,” Digital Inquiry: Forms of Knowledge in the Age of New Media, Berkeley Center for New Media (April).
- 2011 “Origins of and Developments in Science and Technology Studies,” Social Ontology Group organized by John Searle, University of California, Berkeley (November).
- 2010 “Hawking and the Knowing Subject,” Social Ontology Group organized by John Searle, University of California, Berkeley (October).
Townsend Center, University of California, Berkeley (September).
- 2010 “Rethinking the Actor of Actor-Network Theory,” ISSI’s Center for Urban Ethnography, UC Berkeley (March).
- 2009 “What is the Thinker doing? The Ethnographic Study of a Statue,” Harvard/MIT Subway Series (November).
Theoretical Archeology Group, Stanford (May).
- 2009 Discussant, “Objects of Knowledge, Objects of Exchange: Contours of (Inter)disciplinarity,” Panel “Mediations across Media,” The Harvard Humanities Center (April).

- 2009 “Seeing Through Calculations,” Cambridge University (January) & Harvard University (April).
- 2008 “How to do Things with Words?” New Media, University of California, Berkeley (October).
- 2007 “Hawking’s Mathematical Body,” Center for the History of Science Technology and Medicine, Imperial College (June).
- 2006 “Rethinking the Actor of Invention,” Department of Sociology, University of British Columbia (December).
- 2006 “Hawking Incorporated,” Centre de Sociologie de l’Innovation, Ecole Nationale Supérieure des Mines de Paris (November).
- 2006 “Hawking and Assistive Technology,” Department of Communication, University of California, San Diego (April).
- 2006 “Hawking’s Laboratory,” Department of Science and Technology Studies, Massachusetts Institute of Technology (March).
- 2005 “Bruno Latour: An Introduction,” Berkeley Center for New Media, Art Technology and Culture Colloquium, University of California, Berkeley (October).
- 2005 “Hawking Hawking: How to Do Things with Words?”
History of Science and Anthropology, Harvard University (September).
Interdisciplinary Studies, University of British Columbia (April).
- 2004 “Hawking Hawking,” Northwestern University (March).
- 2004 “An Anthropology of Innovation in Science and Industry,” University of California, Davis (February).
- 2004 “Following the Fabrication of an Autobiographical Text,” Department of Anthropology, Office for History of Science and Technology, Townsend Center for the Humanities, University of California, Berkeley (February).
- 2002 “Text and Presence: An Ethnographic Study of a Genius in the Making,” Department of Anthropology, University of Michigan (November).
- 2002 “Stephen Hawking & Discourse Analysis,” School of Information, University of Michigan (October).
- 2002 “The Ethnographic Study of a Self-Effacing Man,” Organizing Vision: Transparency in Science, Technology and Politics, Cornell University (April).
- 2002 “Looking for Stephen Hawking: Distributed Cognition and Subjectivity,” ST&S and History of Medicine Colloquium, University of Michigan (February).
- 2001 “What makes a Creator a Genius,” Public Lecture, Cornell University (March).
- 2000 “The Extended Body of a Genius: the case of Professor Hawking,”
Department of Science and Technology Studies, Cornell University (April).
Max Planck Institute (November).
- 1998 “A Propos d’Invention: Reconfiguration d’un Sujet Philosophique Saisi dans ses Pratiques,” Ecole des Hautes Etudes en Sciences Sociales (May).

- 1997 “Emergence d’une nouvelle forme d’acteur innovant,” Centre de Recherche en Innovation Socio-Technique et Organisations Industrielles, CNRS-Grenoble (December).
- 1997 “The Emergence of a Centered-Distributed Subject,” Oxford University (October).
- 1997 “The Brain of Hawking,” Maison Française d’Oxford, Oxford University (May).
- 1997 “The Role of the Individual in the Actor Network Theory,” Centre for the Study of Knowledge Expertise Science, Department of Sociology & Social Policy, Southampton University (February).
- 1997 “A Big and a Little Scientific Hero,” C.R.I.C.T. (Centre for Research into Innovation, Culture and Technology), Brunel University (February).
- 1997 “How to Speak after SSK (or Today) about Geniuses and Heroes in Science,” Department of Philosophy and History of Science, Cambridge University (January).
- 1996 “Ways to Invent: Fabrication of Genius,” Manchester University (December).
- 1996 “A Quoi Peut Bien Ressembler un Cerveau Socialisé?” Institut Fédératif des Neurosciences, Lyon (November).
- 1996 “William X and Mister H: Two Stories about Subjectivity in Science,” History and Philosophy of Science Lecture Series, HPS, Cambridge University (October).
- 1996 “Les Peuplades Scientifiques: Rituels & Traditions,” EEC Program, Lyon (May).
- 1996 “Le Corps du Sujet,” delivered at the conference on “Coordonner, Représenter, Attribuer,” Ecole Nationale Supérieure des Mines de Paris (April).
- 1995 “Etude de la Culture Pastorienne,” Granada University, Spain (October).
- 1994 “Le Suivi Ethnographique des Pratiques d’un Chercheur,” Institut National de la Recherche Agronomique, Grenoble (December).
- 1992 “Processus de Conception Scientifique,” Ministère de l’Équipement (Bureau de la Recherche Architecturale), Paris (April).

CONFERENCE PAPERS

- 2021 “Diabetic Alert Dogs: The Scent of A Human,” panel organizer, chair and speaker “Humans and Animals: Managing Co-existence,” Society for Social Studies of Science, Toronto (October).
- 2021 “Steve Woolgar and Revelation,” Linköping University (August).
- 2020 Guest Speaker, “Commercialization, Technology, and the Future of Insulin and Diabetes Research,” at “Canada’s annual Celebration of Excellence & Engagement Symposium on The Legacy of Insulin Discovery: Origins, Access, and Translation” (November).
- 2020 “Disrupting Biomedicine: The Politics and Practice of Open Source and Bio-hacked Drugs and Devices,” Discussant, Society for Social Studies of Science, Prague (August).

- 2019 “Managing the Self through Dogs and Machines in the Heart of Silicon Valley,” Society for History of Technology,” Milan (October).
- 2017 “Sensibility, Body and Attunement,” Society for Social Studies of Science, panel organizer: “A Sense of Balance: Techniques and Technologies of Self-Regulation,” Boston (September).
- 2016 “How Dogs become Sensory Machines,” Society for the Social Studies of Science, panel: “Sensory Studies and Methods,” Barcelona (August).
- 2016 “Between Friction and Attunement: How Dogs become Instruments,” Mobility and Materiality in the Arts and Sciences, Jackman Humanities Institute, University of Toronto, (April).
- 2015 Commentator for the Ludwick Fleck Prize Presentation *Malignant: How Cancer Becomes Us* by Lochlann Jain, Author-meets-critics session Society for the Social Studies of Science with Michelle Murphy, Stefan Helmreich, Donna Goldstein, Lisa Cartwright, Denver (November).
- 2015 “The Thinking Person’s Disease,” Society for the Social Studies of Science, Denver; panel: “Diseases and Devices” (November).
- 2015 “Invention: An Experiment in Alien Jurisprudence,” Center for Science and Innovation Studies, University of California, Davis (September).
- 2013 “New Forms for Old Things: Experiments in Scientific Story-Telling,” Chair and Commentator, Plenary Session of the History of Science Society with Carla Nappi, Ken Alder and Pamela Smith, Boston (November).
- 2013 “What Are We Missing: How to Think the Unthinkable?” Panel organizer, chair and speaker at the Society for the Social Studies of Science, San Diego (October).
- 2008 “How to do Things with Words?” American Anthropology Association, San Francisco; panel: “How is Anthropology Doing: An Inquiry into Movement, Mode & Method in the Contemporary World” (November).
- 2008 “Hawking meets Hawking,” Society for Cultural Anthropology, Los Angeles; panel: “Aesthetics of Imitation: Science, Medicine, and the Politics of the Copy” (May).
- 2004 “Body-Technology and Dis-Ability,” Society for Social Studies of Science/European Association for the Study of Science and Technology, Ecole des Mines de Paris. Invited poster for session “The Technological Animal” organized by B. Latour and J. Tresch (August).
- 2004 “Body-Techniques-Presence,” panel organizer and speaker, Society for Social Studies of Science/European Association for the Study of Science and Technology, Ecole des Mines de Paris (August).

- 2004 “Working and Studying Across the Atlantic,” Council of the Student Section of the Society for Social Studies of Science/European Association for the Study of Science and Technology (August).
- 2003 “How to Speak about Subjectivity in Science?” Society for Social Studies of Science, Atlanta; panel: “The Ascetic Subject of Truth” (October).
- 2002 “Reading Presence: The Extended-Body of a Genius,” Society for Phenomenology and Existential Philosophy, Chicago, (October).
- 2000 “HawKing’s Two Bodies,” Society for Social Studies of Science/European Association for the Study of Science and Technology, Vienna (October).
- 1996 “The De-Construction of Genius,” Society for Social Studies of Science/European Association for the Study of Science and Technology, Bielfeld, Germany (October).
- 1993 “About a Knowing Subject,” Historical Epistemology, organized by Ian Hacking, Arnold Davidson, Bruno Latour and Lorraine Daston, University of Toronto, Canada (November).
- 1993 Commentator on Ian Hacking’s paper: “Historical Epistemology,” delivered at the conference on “Historical Epistemology,” organized by Ian Hacking, Arnold Davidson, Bruno Latour and Lorraine Daston, University of Toronto, Canada (November).
- 1992 “The Empirical Study of a New Idea,” Society for the Social Studies of Science/European Association for the Study of Science and Technology, Gøteborg (August).

PUBLIC ENGAGEMENT AND OUTREACH

Television

- 2019 Interview, documentary about Stephen Hawking, NHK world, Japanese Public Television Documentary (Aired March 19).
- 2018 Interview, CTV News (Aired March 17).

Radio

- 2022 *Reflecting on Stephen Hawking*, Woolf Institute Podcast, Naked Reflections series with Ed Kessler, Science Podcasts and Science Radio Show (Aired January).
- 2018 *Les années lumières*, “Connaissez-vous vraiment Stephen Hawking?” interview with Sophie-Andrée Blondin, Radio Canada (Aired March 18).
- 2018 *Quirks and Quarks*, “Hawking’s science, thoughts on God, and the formula for his tombstone,” CBC Radio (Aired March 17).

- 2018 *La méthode scientifique*, roundtable radio interview, France Culture (Aired March 14).
- 2018 *Autour de la question*, hosted by Caroline Lachowsky, “Qui se cache derrière le mythe Stephen Hawking?” Radio France International (Aired July 10, 2014; February 23, 2015 and March 19, 2018).
- 2015 *La tête au carré*, “Une merveilleuse histoire du temps,” with Mathieu Vidard, France Inter (Aired January 15).
- 2014 *Science Publique*, “Qu’est-ce que le travail scientifique? Le cas Stephen Hawking,” with Michel Alberganti, France Culture (Aired July 4).
- 2013 *La tête au carré*, “L’univers de Stephen Hawking,” with Mathieu Vidard, France Inter (Aired October 29).

Interviews for General Public

- 2018 “Pourquoi Stephen Hawking n’avait rien d’un ‘génie solitaire,’” interview with Hélène Mialet, *Les Inrockuptibles* (March 18).
- 2018 “Le physicien Stephen Hawking est mort,” *La Recherche*, interview with Hélène Mialet (March 14).
- 2018 “Stephen Hawking left a mark on the world that few scientists could hope to achieve,” Ivan Semeniuk, *Globe and Mail* (March 15).
- 2018 “Stephen Hawking, le paradoxe d’un génie solitaire, Raconté par Hélène Mialet, auteur de *A la recherche de Stephen Hawking*,” Lina Fourneau, *L’Express* (March 15).
- 2018 “Hélène Mialet Remembers Stephen Hawking,” Transformations of the Human Program, Berggruen Institute (April 2).
- 2015 “La face secrète de Stephen Hawking,” interview with Hélène Mialet, *Le Temps* (January 17).
- 2015 Video Interview with Hélène Mialet, Institute for Creative Integration, San Francisco (February 11).
- 2013 Stephen Hawking est l’opposé du génie solitaire,” interview with Hélène Mialet, *La Recherche* (November).
- 1997 Interview with Hélène Mialet, “Hawking incarne l’idée d’une science où tout se ferait dans la tête,” *La Liberté Magazine* (January).

Talks for General Public

- 2019 Guest Speaker, “Speed Dating for the Mind,” organized by the Berggruen Institute, the Science Entertainment Exchange and Creative Artists Agency, Los Angeles (April).
- 2016 Guest Speaker, “Penser l’exosomatization pour défendre la société, Les Entretiens du Nouveau Monde Industriel 2016,” organized by Bernard Stiegler for “Repenser le sujet à l’heure du numérique,” Centre Pompidou, Paris (December).
- 2015 “Health, Disability, Aging, and Vulnerability: New Technology and the Extension of the Human,” conference *Hawking Incorporated* in Japanese. Franco-Japanese Festival of digital studies organized by the French Consulate, The French Institute of Japan, and Tokyo University (February).
- 2014 “A la Recherche de Stephen Hawking,” Guest Speaker for Les Amis de la Culture Française, Berkeley (October).
- 2014 Guest Speaker, TII/Vanguard, The Advanced Technology Conference Series for Senior-level executives, London (July).
- 2014 Guest Speaker, Les Entretiens du Nouveau Monde Industriel 2014, “Anthropologie Numérique,” organized by Bernard Stiegler, Centre Pompidou, Paris (December).
- 2013 “Hawking and his Extended Body,” LASER, Leonardo Art Science Evening Rendez-Vous, Stanford University (February).
- 2013 “Hawking and his Extended Body,” LASER, Leonardo Art Science Evening Rendez-Vous, University of San Francisco (September).

CONSULTING

- 2015 Opéra Bastille, Berlioz’s *Faust*, directed by Alvis Hermanis (December).
- 2015 Talk/Consulting on creative processes, Institute for Creative Integration San Francisco (February).
- 1991-1992 Participant Researcher and Consultant, Elf Aquitaine, Working Group on Innovation and Science.

WORKSHOP

- 2023 Two Days Workshop, Canadian Institute For Advanced Research. Speaker and Organizer (with Chris Kelty, Tarek Elhaik). “Curating Flourishing.” (June)

2022 Two Days Workshop Development Program (June), Canadian Institute For Advanced Research. Speaker and Organizer (with Chris Kelty, Tarek Elhaik and Stéphane Van Damme). “Can We Live (Well) Without Human Exceptionalism?”

TEACHING INTERESTS

Science and Technology Studies, Philosophy of Science, History of Science, New Media, Continental Philosophy, Phenomenology, The Anthropology of Medicine, Ethnographic Methods, Social Theory and the Sociology of Innovation. I am particularly interested in the body and cognition, subjectivity, relations between humans and machines and animals, mediated communication, leadership and organizations, scientific practices, disability studies, actor-network theory, ethnomethodology, ethnography, innovation and creativity in science, art and industry, and the sociology and philosophy of technology and techniques.

COURSES DEVELOPED & TAUGHT

York University (Toronto)

Thinking with Things: Material Culture in STS (SC/STS 3400, 3 credits, Winter 2023)
Science, Technology and Society (NATS 1760, 6 credits, Fall 2022 & Winter 2023)
Research Cluster, Bodies: Organic, Inorganic and Technological (GS/STS, 3 credits, 6005B)
Gender and Technoscience (GS/STS 6109, 3 credits, Winter 2022)
Thinking with Things: Material Culture in Science and Technology Studies (SC/STS 3400, 3 credits, Winter 2022)
Seminar in Science and Technology Studies: Where Does Intelligence Reside (STS 4501, 6 credits, Fall & Winter 2020/2021)
Science in the Wild: Laboratory Studies and Ethnography (STS 4090, 3 credits, Winter 2021)
Thinking with Things: Material Culture in Science and Technology Studies (SC/STS 3400, 3 credits, Fall 2020)
Technology, Experts and Society (SC/STS 3726, 3 credits, Winter 2018)
The Self in the Age of Technology (STS 4230, 3 credits, Winter 2017, Winter 2018)
Bodies in Technology (GS/STS 6200, 3 credits, Fall 2017) Graduate
Science, Technology and Society (NATS 1760, 6 credits, Fall 2016 & Winter 2017)
Seminar in Science and Technology Studies: The Identity, Role and Image of the Scientist (STS 4501, 6 credits, Winter 2016)
Introduction to Science and Technology Studies (STS 5001, 3 credits, Winter 2016)

UC Davis

Laboratory studies (Ethnography of Science) (Spring 2015)
Methods of Science (Winter 2015)
Cyborg and Technology (Spring 2014)

Harvard University

Body Technology and (Dis)ability (Spring 2009) Graduate

The Anthropology of the Object (Spring 2009)

UC Berkeley

The Rhetoric of Science (Spring 2013 & Fall 2004)

The Rhetoric of Social Science (Spring 2012)

Technology and Society (Spring 2010)

The Anthropology of the Object (Spring 2009)

The Anthropology of Science (Fall 2007)

Body Technology and (Dis)ability (Spring 2004) Graduate

Cornell University

The Sociology of Science (Spring 2003)

Mind, Machine and Intelligence (Spring 2001& Spring 2003)

Mind and Memory: Creativity in the Arts and Sciences (Spring 2001)

Introduction to Science and Technology Studies (Fall 2000) Graduate

Reflection on Scientific Personae (Spring 2000)

Museum of Scientific Instruments, Oxford

How to Think about Instruments? (Spring 1997) Graduate

GRADUATE AND POST-GRADUATE TRAINING**Post-Doctoral Supervisor**

Shane O'Donnell, Marie-Curie Slodowska Fellow, "The Patient Led Commonification of Healthcare? The case of DIY-Diabetes: an Ethnographic Study" (awarded in June 2021, coming in 2023)

Ph.D. Dissertation Committee Chair

Meghana Sharma, Department of Science and Technology Studies, York University, 2023-

Brittany Fields, Department of Science and Technology Studies, York University, 2021-

Einar Engstrom, Department of Science and Technology Studies, York University, 2017-2022

Aftab Mirzaei, Department of Science and Technology Studies, York University, 2016-

Ph.D. Dissertation Committee Member

Jacky Sawatzky, Department of Performance Studies, York University, 2018-

Anna Artyushina, Department of Science and Technology Studies, York University, 2018-

Sam Haraway, Department of Science and Technology Studies, UC Davis (Ph.D. awarded 2018).
Travis Hnidan, Department of Science and Technology Studies, York University, 2017-
Andrew Brown, Department of Social and Political Thought, York University, 2016-
Tyler Hnatuk, Department of Science and Technology Studies, York University, 2016-
Nox Dineen-Porter, Department of Science and Technology Studies, York University, 2016-
Catherine Duchastel, Department of Science and Technology Studies, York University, 2016-
May Hibri, Department of Humanities, York University, 2016-
Evan Selinger, Department of Philosophy, Stony Brook University (Ph.D. awarded 2003)

M.A. Committee Chair

Hana Holubec, Science and Technology Studies, York University (2023-
Shani-Me Whyte, Science and Technology Studies, York University (2021-
Sarah English, Science and Technology Studies, York University (2017-2018).
Madelaine Ley, Science and Technology Studies, York University (2017-2018).
Einar Engstrom, Science and Technology Studies, York University (2016-2017).
David Thurlow, Science and Technology Studies, York University (2016-2017).
Aftab Mirzaei, Department of Science and Technology Studies, York University (2015-2016).
Milan Tepic, Department of Science and Technology Studies, York University (2015-2016).

SERVICE

Service to the Profession

Chair and Organizer of the Program Committee, “Making and Doing,” 4S, Annual Conference, Toronto (2021). Making and Doing highlights the scholarly practices for producing and mobilizing STS knowledge and expertise, extending it beyond the academic article and book format. Thirty projects were selected and performed in a virtual exhibition space that the Committee worked to create for an online format.

Member of the Award Committee, “Making and Doing,” 4S, Annual Conference, Toronto (2021).

Peer Reviewer for the Wellcome University Award in Humanities and Social Science (2020).

Mentor, Mentorship Program 2020 4S/EAST (2020).

Referee, UC Press (2020).

Invited member of the evaluation panel: “The Social World, Diversity, Population: Sociology, Social Psychology, Social Anthropology, Demography, Education, Communication,” Advanced Grant 2019, European Research Council (declined).

Editorial Advisory Board, Social Studies of Science (2005-present).

Editorial Advisory Board, Etudes Digitales (2014-present).

Invited Expert Advisory Board Member, “Nanotechnology: Ethical, Legal and Social Implications,” submitted to the European Commission (2007).

Program Committee 4S/EASST, Paris (2004).

Referee, *Social Studies of Science*, *Social Epistemology*, *Theory, Culture and Society* and *Body and Society*.

Service at York University

Ad-Hoc File Preparation Committee, Chair, Department of STS (2023)

Digital Research Cluster (2022)

Institute For Technoscience and Society (2022)

STS Departmental Seminar Series Coordinator (2022-present)

Adjudicating committee, Chair, Advancement from the pre-candidacy to candidacy, Department of STS (2022)

Assessment of teaching for File preparation committee for Full Professor Promotion, Department of Humanities (2022)

Research and Award Committee, Faculty of Science (2020-present) (Chair 2020 and 2022)

Executive Committee, Graduate Program in Science and Technology Studies (2020-2023).

Adjudicating Committee, Tenure, Department of STS (2020-2021).

STS Futures Symposium, panel Chair, “Democracies and Publics” (February, 2020).

STS Curriculum sub-committee, Department of STS (2017-2018).

STS Advisory (Designated Ethics Review Committee), Department of STS (2017-2018).

Adjudicating committee, Advancement to Candidacy, Department of STS (2017).

Member of the Search Committee for the STS hire in “Contemporary Issues in STS,” Department of STS (2017-2018).

Adjudicating Committee, Tenure, Department of STS (2016-2017).

STS Communications Committee, Department of STS (2016-2018).

Graduate Ethics Review Committee, Department of STS (2016-2018).

Two Day Ethnography Workshop, York University, organized and animated by Denielle Elliot, Othon Alexandrakis, Hélène Mialet (May, 2016).

Service at Cornell University

Director of Undergraduate Studies in STS, Cornell University (2003).

Undergraduate Admissions Committee, Cornell University (2001).

Service at Oxford University

Editor, *La Lettre de la Maison Française d'Oxford* (1997-1998).

Conference Organizer, “Revolution in Art, Science and Politics,” Maison Française d’Oxford, Oxford University (May 1998).

Conference Organizer, “Re-casting The French Epistemological Tradition: Canguilhem-Foucault,” Maison Française d’Oxford, Oxford University (February 1998).

Conference Organizer, “Mauris Daumas Revisited,” Maison Française d’Oxford, Oxford University (December 1997).

Conference Organizer, “Body-Mind-Machine,” Maison Française d’Oxford, Oxford University (May 1997).

Conference Organizer, “Franco-British Themes in Science and Instrumentation since the 18th century,” Maison Française d’Oxford, Oxford University (March 1997).

Conference Organizer, “Geniuses and Heroes in Science,” Cambridge University, Department of History and Philosophy of Science (January 1997).

MEMBERSHIPS IN SCHOLARLY SOCIETIES

Society for Social Studies of Science

American Anthropological Society

Society for the History of Technology

Society for the History of Science

Meridian 180

LANGUAGES

French: Native speaker

English: Fluent written and spoken