

CURRICULUM VITAE
Marga Vicedo

A. BIOGRAPHICAL INFORMATION

1. PERSONAL

Name: Marga Vicedo

University address: Institute for the History and Philosophy of Science and
Technology (IHPST), Victoria College, 91 Charles
Street West, Toronto, Ontario, Canada M5S 1K7
E-mail: marga.vicedo@utoronto.ca

2. DEGREES

- | | |
|------------|---|
| Ph.D. 2005 | History of Science, Harvard University

Thesis title: Human Nature and Mother Love: A History of the
Maternal Instinct
Supervisors: Peter Galison, Everett Mendelsohn |
| Ph.D. 1987 | Philosophy of Science, University of Valencia, Spain

Thesis title: Scientific Realism and the Concept of the Gene. |
| M.A. 1984 | Philosophy, University of Valencia, Spain |
| B.A. 1984 | Philosophy, University of Valencia, Spain |

3. EMPLOYMENT

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| 2019 – present | Professor, Institute for the History and Philosophy of Science
and Technology (IHPST), University of Toronto |
| 2011 – 2019 | Associate Professor with tenure, Institute for the History and
Philosophy of Science and Technology (IHPST),
University of Toronto |
| 2006 - 2011 | Assistant Professor, IHPST, University of Toronto |
| 2006 - present | Fellow of Victoria College, University of Toronto |
| 2008 - present | Affiliate, Centre for the Study of the United States,
University of Toronto |

2015 – 2016	School for Historical Studies, Member, Institute for Advanced Studies, Princeton
2011 - 2012	History of Science Department, Visiting Scholar, Harvard University
2005 - 2006	Max Planck Institute for the History of Science, Berlin, Postdoctoral Fellow
1999 - 2001	Associate Professor of Philosophy with tenure, Arizona State University
1992 - 2001	Affiliated Professor, Philosophy Department, Arizona State University
1992 – 1998	Assistant Professor of Philosophy, Dept. of Integrative Studies, Arizona State University
1991 - 1992	Assistant Professor of Philosophy, University of Salamanca, Spain

4. HONOURS

Dean's Small Group Award, University of Toronto, 2019

Canadian Society for the History and Philosophy of Science, Second Vice President,
2019-2022

Canadian Society for the History and Philosophy of Science,
Advisory Board, 2014-present

Society for Research on Child Development, History Committee member,
2014-17.

Dean's Small Group Award, University of Toronto, 2016

Dean's Award, University of Toronto, 2013

History of Science Society Council. Elected member, 2009-13

Dibner Institute for the History of Science and Technology, MIT,
Pre-doctoral Fellowship, 2003-2004

Harvard University, GSAS Merit - John Parker Doctoral Scholarship, 2002

Harvard University, Javier Arango Graduate Fellowship in the History of Science,
1999

Visiting Researcher, Museum of Comparative Zoology, Harvard University, 1998

Visiting Fellow, University of Wisconsin, Madison, 1991

Spanish Ministry of Education and Science Research Fellowship, 1990-1992

Fulbright Visiting Fellow, Princeton University, 1989

Fulbright Visiting Fellow, University of Wisconsin, Madison, 1988

ITT International Fellowship, University of Wisconsin, Madison, 1987-1988

Fulbright-Hay Scholarship, Commission for Cultural Exchange between Spain and the United States, 1987-1988

5. PROFESSIONAL AFFILIATIONS AND ACTIVITIES

October 2020-present Editorial Board, *Interdisciplinary Science Reviews*

2020-present Editorial Board, *Review of General Psychology*

2020-present Editorial Board, *Journal of the History of the Behavioral Sciences*

2015-present Editorial Board, *Studies about Science*, CSIC (Spanish Council for Scientific Research)

2014-present Editorial Board, *History of Psychology*

2014-present Editorial Board, *Journal for the History of Biology*

2012-2014 Associate editor, *The Oxford Encyclopedia of the History of American Science, Medicine, and Technology*

2012-2015 Editorial Board, *ISIS* (Journal of the History of Science Society)

2009-2016 Editorial Board, *Theoria*, An International Journal for Theory, History, and Foundations of Science

2010-2011 Chair of the Program Committee, Canadian Society for History and Philosophy of Science (CSHPS)

2009-2010 Member of the Program Committee, Canadian Society for History and Philosophy of Science (CSHPS)

Member of the History of Science Society (HSS)

Member of the American Association for the History of Medicine (AAHM)

Member of the Canadian Society for the History and Philosophy of Science (CSHPS)

Member of the International Society for the History, Philosophy, and Social Studies of Biology (ISHPSSB) (charter member)

Member of CHEIRON –Society for the History of the Social and Behavioral

Sciences
Member of the American Historical Association (AHA)

Refereeing for scholarly journals:

Arbor
Biology and Philosophy
History of Psychology
European Journal of Developmental Psychology
International Studies in the Philosophy of Science
ISIS
Journal of the History of Biology
Social Studies of Science
Studies in the History and Philosophy of Science
THEORIA
CRITICA (Revista Hispanoamericana de Filosofia)
The Journal of Physiology
Journal for the History of the Behavioral Sciences
History of the Human Sciences

Refereeing For Councils, Foundations and Societies:

Institute for Advanced Studies, Historical School, Princeton
European Science Foundation
PBS
CHEIRON (The International Society for the History of Behavioral and Social
Sciences)
Harvard University Press, Routledge
National Science Foundation
University of Toronto Press

B. ACADEMIC HISTORY

6. A. RESEARCH ENDEAVOURS

History of autism, history of attachment theory, history of child development research, history of genetics, history of animal behavior, history and philosophy of biology.

B. SELECTED RESEARCH AWARDS

SSHRC Connection Grant. P.I. (Co-applicant: Denis Walsh) Project: “Language, History, Gender and Science: Celebrating the Work of Evelyn Fox Keller,” 2020 (\$17,485)

SSHRC Insight Grant. Project: “Mother Love and Human Nature: A History of the Maternal Instinct,” 2018 (\$58,765)

Associated Medical Services (AMS) and the Nova Scotia Health Research Foundation (NSHRF). Project grant. Project: "Diversity of Research Traditions in the History of Autism" (\$10,000)

Victoria College Research grant, 2017-18 (\$2,750)

Victoria College Research grant, 2016-17 (\$3,000)

Jackman Humanities Center, University of Toronto. Research fellowship, 2015-2016. One semester salary and research support

Institute for Advanced Studies, Princeton, School of Historical Studies, 2015-2016. One-year fellowship (accepted one year membership, but only one semester financial support)

Society for Research on Child Development, USA. Conference Grant, 2015. Co-applicant. Project: "Historical Perspectives on Child Development: Implications for Future Research," (\$20,000)

Victoria College Research grant, 2014 (\$2,444)

Social Science and Humanities Research Council (SSHRC) Connection Grant, 2013. Co-applicant. Project: Organization of the Biannual Meeting of the Society for the Philosophy of Science in Practice at the University of Toronto, (\$13,781)

SSHRC Insight Grant, 2013, 4 years. Project: "Historicizing the Science of the Affects: Autism, Emotions, and Gender 1943-Present," (\$69,500)

Victoria College Research grant, 2013 (\$2,800)

SSHRC Workshop Grant, 2015-2016. P.I. Project: "Cold War Social Science Workshop," organized at the IHPST, (\$13,450)

Victoria College Research grant, 2012 (\$2,780)

SSHRC Standard Research Grant, 2009-2012. Project: "The Nature and Nurture of Love: The Construction of Mother Love and Love for Mother as Biological Instincts," (\$73,000)

University of Toronto Connaught New Staff Matching Grants Program, 2008
Project: "The Nature of Mother Love: From Imprinting in Geese and Comfort in Monkeys to Attachment in Children," (\$15,000)

University of Toronto Connaught Start-up Award, 2006, (\$10,000)

National Science Foundation USA. SBR 9411862 Program: History and Philosophy of Science, 1994. Project: "From Experimental Evolution to Genetics in the Work of W. E. Castle and E. M. East," US (\$65,000)

Selected other grants, before 2012:

2010-11: Jackman Humanities Working Group on “Science and Culture.” P.I. co-applicant, \$2,500

2005-2010: Co-applicant in three successful Jackman Humanities Working Group grants

Center for the Study of United States, U. of Toronto: For Workshop on Cold War Social Science 2010, \$1,000

Victoria College and IHPST:
Several Research, Institutional SIG Research, and Conference Travel Grants.
2006-2012

Mind, Brain, Behavior Program, Harvard University, Grant
2005, US\$ 6,000

Graduate School of Arts and Sciences, Harvard University, Grant
2005, US\$ 6,500

Minda de Gunzburg Center for European Studies, Harvard University, Graduate Grant
2003, US\$ 4,000

Charles Warren Center for Studies in American History, Harvard University, Graduate Student Summer Research Grant 2003, US\$ 2,800

Several Research Grants from Arizona State University (1998, 1997, 1996, 1995, 1994, 1993)

Arizona State University, Instructional Development Support Grant, "Teaching the History of Science" 1995, US\$ 1,700

Rockefeller Archive Center Research Support Program, “Genetics, population control and eugenics in the U.S., 1900-1940” 1995, US\$ 1,100

Mellon Fellowship, American Philosophical Society, "What was that thing called Mendelian genetics?" 1992, US\$ 3,600

C. SCHOLARLY AND PROFESSIONAL WORK

Books:

Intelligent Love: The Story of Clara Park, her Autistic Daughter and the Myth of the Refrigerator Mother. Boston: Beacon Press, March 23, 2021.

Reviewed in: The Washington Post, Booklist, Shelf Awareness, British Society for the History of Science.

The Nature and Nurture of Love: From Imprinting to Attachment in Cold War America. Chicago: University of Chicago Press, 2013. 336 pages. Paperback edition, 2014.

Reviewed in: *Science*, *The American Historical Review*, *Isis*, *Choice*, *New Books in American Studies*, *Journal of the History of Biology*, *Journal of American History*, *Psychoanalysis and History*, *Journal of the History of Medicine and Allied Sciences*, *Social Studies of Science*, *Bulletin of the History of Medicine*, *Reviews in American History*, *Journal of Social History*, *Women & Performance: A Journal of Feminist Theory*, *Journal for the History of the Behavioral Sciences*, *Frankfurter Allgemeine Zeitung*, *Reviews in Anthropology*, *Studies in History and Philosophy of Biological and Biomedical Sciences*, *Social History of Medicine*, *History of Psychiatry*.

Edited volumes:

Marga Vicedo & Denis Walsh, *Making Sense of Metaphor: Evelyn Fox Keller and Commentators on language and science*. *Interdisciplinary Science Reviews* 45.3 (September 2020)

Articles:

Marga Vicedo & Denis M. Walsh, "Entanglements between language, science, and worldviews," *Interdisciplinary Science Reviews* 45.3 (September 2020): 234-248.

Vicedo, M and Ilerbaig J., "Autism in Baltimore, 1938-1943," *Journal of Autism and Developmental Disorders* 51: 1157–1172(2021). On line (July 2020).
<https://doi.org/10.1007/s10803-020-04602-4>

Vicedo, M., "The First International Congress on Infantile Psychiatry," *Psychiatric Times*. July 2020; 37 (7):18.

Vicedo, M and Ilerbaig J., "Leo Kanner's Call for a Pediatric-Psychiatric Alliance." *Pediatrics*. 2020; 145 (6): e20194047.

"Attachment Theory from Ethology to the Strange Situation." In *Oxford Research Encyclopedia of Psychology*. Oxford University Press. Online Publication Date: Feb 2020. DOI: 10.1093/acrefore/9780190236557.013.524

"Ethopathology and Civilization Diseases: Niko and Elisabeth Tinbergen on Autism." *Canadian Bulletin of Medical History* 35 (1):1-31, 2018.

"Ethical Challenges of Parenting Interventions in Low- to Middle-Income Countries." Gilda Morelli, Naomi Quinn, Nandita Chaudhary, Marga Vicedo, Mariano Rosabal-Coto, Heidi Keller, Marjorie Murray, Alma Gottlieb, Gabriel Scheidecker, Akira Takada. *Journal of Cross-Cultural Psychology* 49 (1): 5-24, 2018. Authors listed in order of contribution.

“The Myth of Universal Sensitive Responsiveness: Comment on Mesman et al. (2017).” Heidi Keller, Kim Bard, Gilda Morelli, Nandita Chaudhary, Marga Vicedo, Mariano Rosabal-Coto, Gabriel Scheidecker, Marjorie Murray, Alma Gottlieb. *Child Development* 89 (5): 1921-1928, 2018. Authors listed in order of contribution.

“On the History, Present, and Future of Attachment Theory,” *European Journal of Developmental Psychology* 14 (6): 684-699, 2017.

Reprinted in Willem Koops & Frank Kessel, eds. *Historical Developmental Psychology*. Taylor and Francis, 2018.

“Bringing the Real World into Developmental Science: A Commentary on Weber, Fernald, & Diop (2017).” Gilda Morelli, Kim Bard, Nandita Chaudhary, Alma Gottlieb, Heidi Keller, Marjorie Murray, Naomi Quinn, Mariano Rosabal-Coto, Gabriel Scheidecker, Akira Takada, and Marga Vicedo. *Child Development*. 89 (6): e594-e603, 2018.

After first author, others are listed alphabetically.

“Bindungstheorie.” In Franz Kasper Krönig, ed. *Kritisches Glossar Kindheitspädagogik*. Weinheim: Beltz Juventa, 2018, pp. 48-54.

“The ‘Disadapted’ Animal: Niko Tinbergen on Human Nature and the Human Predicament,” *Journal of the History of Biology* 51 (2): 191-221, 2018.

“Putting Attachment in its Place: Disciplinary and Cultural Contexts,” *European Journal of Developmental Psychology* 14 (6): 684-699, 2017.

Reprinted in Willem Koops & Frank Kessel, eds. *Historical Developmental Psychology*. Taylor and Francis, 2018.

“Attachment,” Thomas Teo, ed. *Encyclopedia of Critical Psychology*, New York: Springer (2014), pp. 136-141. Also available on-line.

“Playing the Game: Textbooks Speak about Love,” *ISIS*, (2012) 103: 111-125.

“The Secret Lives of Textbooks,” *ISIS*, (2012) 103: 83-87.

“The Social Nature of The Mother’s Tie To The Child: John Bowlby’s Theory of Attachment In Post-War America,” *British Journal for the History of Science*, (2011) 44 (3): 401-426.

“The Evolution of Harry Harlow: From the Nature to the Nurture of Love,” *History of Psychiatry* (2010) 21 (2): 1-16.

“‘The Father of Ethology and the Foster Mother of Ducks’: Konrad Lorenz as an Expert on Motherhood,” *ISIS* (2009) 100 (2): 263-291.

“Mothers, Machines, And Morals: Harry Harlow’s Work on Primate Love From Lab to Legend,” *Journal of the History of the Behavioral Sciences* (2009) 45 (3): 193-218.

“The Reception of Wilhelm Johannsen's Concept of the Genotype in American Genetics,” special issue of *The Journal of the Swedish Seed Association*, published by the Svalof Plant Breeding Station, Sweden (1997), pp. 167-177.

“Scientific Styles: Towards Some Common Ground in the History, Philosophy and Sociology of Science,” *Perspectives On Science* (1995) 3: 231-254.

“El gen como unidad atomica de la herencia” (The Gene as the Atomic Unit of Inheritance), *Arbor* (1993) 566: 41-58.

“Is the History of Science Relevant to the Philosophy of Science?” *PSA* (1992) 2: 490-496.

“The Human Genome Project: Towards an Analysis of the Empirical, Ethical and Conceptual Issues Involved”, *Biology and Philosophy* (1992) 7: 255-278.

Reprinted in David Hull & Michael Ruse (eds.), *Philosophy of Biology* (1998) Oxford University Press.

“Citogenetica: La busqueda de la base fisica de los genes” (Cytogenetics: The Search for the Physical Basis of the Genes), *Asclepio* (1992) 44: 115-134.

“Genetica molecular” (Molecular Genetics: The Partnership of Genetics and Cytochemistry in the Analysis of the Gene's Nature) *Arbor* (1992) 561: 9-28.

“Realism and Simplicity in the Castle-East Debate on the Stability of the Hereditary Units: Rhetorical Devices Versus Substantive Methodology,” *Studies in History and Philosophy of Science* (1991) 22 (2): 201-221.

“El Proyecto Genoma Humano: medicina predictiva y etica preventiva” (The Human Genome Project: Predictive Medicine and Preventive Ethics), *Arbor* (1991) 544: 181-207.

“La importancia de la distincion entre fenotipo y genotipo en los primeros estudios geneticos” (The Importance of the Distinction Between Phenotype and Genotype in the Early Studies of Genetics), *Llull* (1991) 14: 1-40.

“El problema de la referencia de los conceptos teoricos” (The Problem of the Reference of Theoretical Concepts), *Contextos* (1991) 8 (15-16): 95-111.

“El atomismo y reduccionismo metodologico de la Sociobiologia” (The Atomism and Methodological Reductionism of Sociobiology), *Arbor* (1991) 542: 49-68.

“The Chromosome Theory of Mendelian Inheritance: Explanation and Realism in Theory Construction,” *PSA* (1990) 1: 179-193.

“T. H. Morgan: Neither an Epistemological Empiricist nor a ‘Methodological’ Empiricist,” *Biology and Philosophy* (1990) 5: 293-311.

Book-chapters:

“The Strange Situation of the Ethological Theory of Attachment: A Historical Perspective.” Heidi Keller and Kim A. Bard, eds. 2017. *The Cultural Nature of Attachment*. Cambridge, MA: MIT Press, pp. 13-52. This book was the 2018 Winner of the Ursula Gielen Global Psychology Book Award.

“Real-World Applications of Attachment Theory.” Mariano Rosabal-Coto, Naomi Quinn, Heidi Keller, Marga Vicedo, Nandita Chaudhary, Alma Gottlieb, Gabriel Scheidecker, Marjorie Murray, Akira Takada, and Gilda A. Morelli. In Heidi Keller and Kim A. Bard, eds. 2017. *The Cultural Nature of Attachment. Contextualizing Relationships and Development*. Cambridge, MA: MIT Press, pp. 335-354. Authors listed in order of contribution.

“Taking Culture Seriously: A Pluralistic Approach to Attachment.” Gilda A. Morelli, Nandita Chaudhary, Alma Gottlieb, Heidi Keller, Marjorie Murray, Naomi Quinn, Mariano Rosabal-Coto, Gabriel Scheidecker, Akira Takada, and Marga Vicedo. Heidi Keller and Kim A. Bard, eds. 2017. *The Cultural Nature of Attachment*. Cambridge, MA: MIT Press, pp. 139-170. After first author, others are listed alphabetically.

“Cold War Emotions: Mother Love and The War over Human Nature,” Mark Solovey and Hamilton Cravens (eds.), *Cold War Social Science*. NY: Palgrave-Macmillan, 2012, 233-249.

“Experimentation, Realism, and the Historical Character of Science,” Richard Creath & Jane Maienschein (eds.) *Biology and Epistemology* (1999), Cambridge University Press, pp. 215-243.

“The Laws of Heredity and the Rules of Morality: Early Geneticists on Evolution and Ethics’, in Jane Maienschein & Michael Ruse (eds.) *Biology and the Foundations of Ethics* (1999), Cambridge University Press, pp. 225-256.

“Simplicity in Theory Construction and Evaluation: The Case of the Chromosome Theory of Mendelian Inheritance,” D. Prawitz and D. Westerstahl (eds.), *Logic and Philosophy of Science in Uppsala* (1994), pp. 525-539.

Dictionary Entries:

“Morgan, Thomas Hunt,” in *The Oxford Encyclopedia of American, Scientific, Medical, and Technological History*. 2014.

“Davenport, Charles Benedict,” in *The Oxford Encyclopedia of American, Scientific, Medical, and Technological History*. 2014.

“Morgan, Thomas Hunt,” in *The Oxford Companion to United States History*. (1999).

“Castle, William Ernest,” in *American National Biography*, Oxford University Press (1998), 561-563.

Reviews and Essay-reviews:

Review of Lee Alan Dugatkin and Lyudmila Trut. *How to Tame a Fox (and Build a Dog): Visionary Scientists and a Siberian Tale of Jump-Started Evolution*, in *ISIS* (2019) 110 (3): 652-654.

Review of Erika Lorraine Milam, *Looking for a Few Good Males: Female Choice in Evolutionary Biology*, in *ISIS* (2011) 102 (2): 352-353.

Review of Alan G. Cock and Donald R. Forsdyke, *Treasure Your Exceptions: The Science and Life of William Bateson*, in *History and Philosophy of the Life Sciences* (2010) 32 (4): 528.

‘Darwin’s Real Torment’. Review of Adrian Desmond & James Moore, *Darwin’s Sacred Cause: Race, Slavery and the Quest for Human Origins*, in *Endeavour* (2009) 33 (3): 84-85.

‘The Genesis of Genetics’. Review of James Schwartz, *In Pursuit of the Gene: From Darwin to DNA*, in *Nature Genetics* (2008) 40 (12): 1267.

Review of Edna Suarez (ed.) *Variedad Infinita. Ciencia y Representación. Un Enfoque Histórico y Filosófico*, in *History and Philosophy of the Life Sciences* (2007) 29 (4): 525-527.

Review of P. Kyle Stanford, *Exceeding Our Grasp*, in *British Journal for the History of Science*. (2007) 40: 619-621.

Review of P. Baldi. *The Shattered Self: The End of Natural Evolution*, in *Quarterly Review of Biology* (2002) 77 (2): 192.

Review of J. M. Humber and R. F. Almeder, eds., *Human Cloning*, in *Quarterly Review of Biology* (2000) 75 (3): 304.

‘What Is that Thing Called Mendelian Genetics? Essay-review of Kyung-Man Kim, *Explaining Scientific Consensus: The Case of Mendelian Genetics*’, *Social Studies of Science* (1995) 2: 370-382.

‘How Scientific Ideas Develop and How to Develop Scientific Ideas.’ Essay Review of L. Darden, *Theory Change in Science: Strategies from Mendelian Genetics*’, *Biology and Philosophy* (1995) 10: 489-499.

Review of D. Nelkin and L. Tancredi, *Dangerous Diagnostics*; S. H. Snyder, *Brainstorming*, and R. Teitelman, *Gene Dreams*, in *ISIS* (1991) 82: 408-409.

Review of M. Ruse, *Philosophy of Biology Today*, in *Philosophy of Science* (1991) 58: 509.

Review of M. H. Nitecki, ed., *Evolutionary Progress*, in *Canadian Philosophical Reviews* (1990) 1: 192-195.

Articles in Spanish:

“The Human Genome Project. An Interview with D. Santiago Grisolia,” *Arbor* (1991) 554: 161-173.

“A Committed Philosophy of Science,” *Anthropos* (1988) 82/83: 35-37.

“Theories, Truth and Realism: What Does it Mean to be a Realist?” *Proceedings of the Third Congress on the Methodology of Science*, Gijon (1986).

“The Problem of Natural Law in the Young Schelling,” *Proceedings of the Second Congress of the Philosophical Society of Valencia* (1985).

“Popper in Madrid,” *Azafea* (1985) 1: 441-448.

Reviews in Spanish:

Review of S. Snyder, *Brainstorming: The Science and Politics of Opiate Research*, in *Arbor* (1995) 592: 135-137.

Review of R. Teitelman, *Gene Dreams: Wall Street, Academia, and the Rise of Biotechnology*, in *Arbor* (1993) 576: 11-114.

Review of F. Gross, *La Nueva Civilizacion del Gen*, in *Arbor* (1991) 544: 217-221.

Review of D. Suzuki & P. Knudtson, *Genethics*, in *Arbor* (1990) 538:132-34.

Review of R. Levi-Montalcini, *In Praise of Imperfection: My Life and Work*, in *Arbor* (1990) 535: 133-135.

Review of P. Pauly, *Controlling Life*, in *Arbor* (1989) 533: 167-69.

Review of M. Ruse, *Philosophy of Biology Today*, in *Arbor* (1989) 526: 137-38.

Review of F. Crick, *Que Loco Proposito. Una vision personal del descubrimiento Cientifico*, in *Arbor* (1989).

Review of C.J. Cela Conde, *On Genes, Gods and Tyrants*, in *Anthropos* (1988) 82/83: 23-24.

Review of J. Gribbin, *In Search of the Double Helix*, in *Anthropos* (1988) 82/83: 26.

Review of R. Dawkins, *The Blind Watchmaker*, in *Arbor* (1988) 139: 124-27.

10. Papers presented at meetings and symposia

“Challenging mother blame: Clara Park’s role in the history of autism,” 2021 Southern Association for the History of Medicine and Science annual meeting, March 12, 2021.

“Intelligent Love: Contesting a Mother’s Role in the Modern American Family,” 2019 Society for US Intellectual History conference. November 7-10, The New School, New York City, NY.

“One Size Does Not Fit All: Why Attachment Theory Should Not Be Used in Education.” American Educational Research Association (AERA) annual meeting, Toronto, April 5-9, 2019.

“The ‘Disadapted’ Animal: Niko Tinbergen on Human Nature and the Human Predicament.” Canadian Society for the History and Philosophy of Science Annual Conference. Ryerson University, Toronto, May 27-30, 2017.

“Leo Kanner and Infantile Autism as a Condition of the Affects.” Joint Conference of the Canadian Society for the History of Medicine and Canadian Association for the History of Nursing, May 27-29, 2017, Ryerson University, Toronto.

“The ‘Disadapted’ Animal: Niko Tinbergen on Human Nature.” May 19, 2017, at the Consortium for the history and philosophy of biology, May 19-21, 2017 UQAM, Montreal.

“Knowledge, Experience, and Feelings: Insights from the History of Autism.” After Hours Conversations, Institute for Advanced Studies, Princeton, NJ. November 16th, 2015.

“A Mother’s Siege: Love and Knowledge in Understanding Autism.” New York Metro American Studies Association (NYMASA) 2015 Annual Conference, New York City, November 14th, 2015.

“A History of Autism.” Consortium's 2015 Introductory Symposium, Consortium for History of Science, Technology and Medicine, Philadelphia, September 10th, 2015.

“What’s Ethological about the Ethological Theory of Attachment Behavior?” Society for Research on Child Development (SRCD) meeting, April 2015, Philadelphia.

“Outside or inside the animal? Konrad Lorenz on intuition and empathy in the study of animal behavior.” Annual meeting of The Canadian Society for the History and Philosophy of Science (CSHPS), Brock University, May 24-26, 2014.

“The History of Autism: Questions and Puzzles,” Workshop: What are my Professors up to? October 16th, 2013. IHPST, University of Toronto

“Emotions, Autism, and the Self.” 24th International Congress of History of Science, Technology and Medicine, Manchester, England, July 22-28, 2013.

“Niko Tinbergen’s Work on Autism: Interpreting Gestures from Gulls to Children,” History of Science Society Annual Meeting, San Diego, CA, 11/2012.

“The Myth of the Blank Slate in Post-War American Social Thought,” Canadian Association for American Studies Annual Meeting, Toronto, 10/2012.

“Scientists on the Nature of Mother Love: John Bowlby’s Ethological Theory of Attachment Behavior,” Mothering and Reproduction Conference, Toronto, 10/2012.

“Mother Love and Human Nature in Post-War America,” American Historical Association, Annual Conference, Boston, 01/2011.

“Textbooks on the Ethological Theory of Attachment: Disseminating Consensus or Manufacturing Consent?” In workshop on Textbooks in Science, IHPST, University of Toronto, 04/2010.

“Cold War Emotions: The War over Human Nature,” in workshop: The Construction of Social Science in Cold War America. University of Toronto, May 21-22, 2010.

“The War Over Primate Nature” XXIII International Congress of History of Science and Technology: Ideas And Instruments In Social Context, Budapest, Hungary, 07/2009.

“The Nurture Of The Child’s Tie To Its Mother: The Construction Of Love For Mother As A Biological Instinct,” Cheiron 40th Annual Conference (The International Society For The History Of Behavioral And Social Sciences), Ryerson University, Toronto, 06/2008.

“Vulgar Female Geese And Infanticidal Monkey Mothers: The Objective Eye And The Subjective I In The Study Of Animal Behavior,” Joint Meeting of the HSS, CSHP, BSHS Societies, Oxford, England, 07/2008.

“The Secret Life Of Children: Searching For Children’s Natural Emotional Needs From London To Baltimore, Via Uganda,” History of Science Society, Annual Conference, Pittsburgh, 11/2009.

“Revolutionary Science and Evolutionary Ideas about Motherhood in Post-World War II America,” Organization of American Historians Annual Conference, Boston, 03/2004.

“Primate Love: Mothers, Machines, and Morals,” History of Science Society Annual Conference, Cambridge, MA, 11/2003.

“The Debate Between Konrad Lorenz and Daniel Lehrman about Instinctive Behavior,” Meeting of the International Society for the History, Philosophy, and Social Studies of Biology, Vienna, 07/2003.

“The Role of Case Studies in Science Studies,” Social Studies of Science Society, Annual Conference, Bielefeld, Germany, 10/1996.

“The Laws of Inheritance and the Rules of Ethics,” History of Science Society, Annual Conference, Atlanta, GA, 11/1996.

“Bacon's Dream and the Philosopher's Nightmare: Engineering Nature and Searching for Reality,” Meeting of the International Academy of Philosophy of Science, Vigo, Spain, 05/1996.

“The New Woman and Race Progress: Women's Nature and Genetics, 1900-1930,” West Coast History of Science Society Meeting, Santa Barbara, CA, 03/1996.

“Agriculture, Genetics, and Eugenics in the Work of Edward M. East,” History of Science Society, Annual Conference, New Orleans, 10/1994.

“Darwinism and Mendelism in Early American Genetics,” Meeting of the International Society for the History, Philosophy, and Social Studies of Biology, Brandeis University, 1993.

“What Has the History of Science to Say to the Philosophy of Science?,” Philosophy of Science Association Meeting, Chicago, 10/1992.

“Reinterpreting the Relationship between Mendelian and Darwinian Ideas in Early Genetics,” History of Science Society, Annual Conference, Washington, D.C., 1992.

“Simplicity, Theory Construction, and Theory Appraisal in the Chromosome Theory of Mendelian Inheritance,” International Congress for Logic, Methodology and Philosophy of Science, Uppsala, Sweden, 1991.

“The Complexity of Simplicity,” Iberoamerican Society for Philosophy Meeting (SOFIA), Salamanca, Spain, 1991.

“History, Philosophy and Sociology of Science: Towards Common Methodological Ground,” International Society for the History, Philosophy, and Social Studies of Biology meeting, Evanston, IL, 1991.

“Biological Explanations of Human Nature,” VI Jornadas de Filosofía, Vigo, Spain, 1991.

“The Human Genome Project,” VI Jornadas de Filosofía, Vigo, Spain, 1991.

“Explanation and Realism in Theory Construction,” Philosophy of Science Association, Annual Conference, Minneapolis, MN, 1990.

“T. H. Morgan, a Radical Empiricist?,” International Society for the History, Philosophy, and Social Studies of Biology meeting, London, Ontario, 1989.

“Theories, Truth, and Realism,” Third National Congress on the Methodology of Science, Gijon, Spain, 1985.

“The Problem of Natural Law in the Young Schelling,” II Annual Congress of the Philosophical Society of Valencia, Valencia, Spain, 1984.

11. Invited Lectures

“Clara Park’s Intelligent Love: How a mother challenged what counted as ‘normal’ for mothering, autistic children, and knowledge.” Keynote lecture, Conference: “The (Ab)normal Spectrum.” Montreal, June 14, 2018.

“Monos, madres y feminismo: El debate sobre la maternidad natural”. University of Alicante, Spain. Aula de Filosofía de la Sede Universitaria Ciudad de Alicante, May 8, 2017.

“A Mother’s Siege: Love and Knowledge in Understanding Autism in the USA.” The Globalisation of Autism: Historical, Sociological, and Anthropological Reflections’ Symposium. Queen Mary, University of London, April 20-21, 2017.

“Putting Attachment in its Place: Disciplinary and Cultural Contexts,” Society for Research on Child Development (SRCD) History Committee meeting, May 12-14, 2016, Ann Arbor, Michigan.

“Historical Perspectives on Attachment,” For the conference: “Contextualizing Attachment: The Cultural Nature of Attachment, April 3–8, 2016, Frankfurt, Germany.

“Nobel Laureate Niko Tinbergen’s work on autism: ^[L]_[SEP]A new stratigraphic view of human nature,” Institute for Advanced Studies, School of Historical Studies, Princeton, March 17, 2016.

“Niko Tinbergen on autism: Gestures from gulls to children,” Columbia & NYU History of Science Group, New York City, January 26, 2016.

“Niko Tinbergen: Interpreting Gestures from Gulls to Children.” For the conference: “Working Across Species: Comparative Practices in Modern Medical, Biological and Behavioural Sciences’, 6-7 January 2016, London, England.

“Putting Attachment in Its Place.” Invited Plenary Address. American Psychological Association – History section. August 6th, 2015, APA annual meeting, Toronto, Canada.

“Intuition and Empathy in the Study of Behavior,” Workshop on "Cross-disciplinary Research Ventures in Postwar American Social Science," New York University, October 31, 2014.

“History of Diagnosis in Autism; A discussion with Peter Szatmary.” Rounds at Sick Kids Hospital, Toronto, April 2015.

“Re-making Humans? Genetics and Ethics.” Victoria College students seminars.

“La Ciencia de los Afectos en Contexto Historico: Visiones del Autismo desde el Psicoanalisis al Proyecto del Genoma Autista,” Centro Centroamericano de Poblacion, Universidad de Costa Rica, San Jose, Costa Rica, March 4, 2014.

“The History of Autism: Questions and Puzzles.” Toronto Public Library, November 13 and November 27, 2013.

“Becoming Human: Autism as Metaphor in Bruno Bettelheim,” History of Science Department, Harvard University, April 5, 2012.

“Gestures in Gulls and Children: Niko Tinbergen’s Work on Autism.” GTA History and Philosophy of Science Annual Meeting, Guelph University, 05/2011.

“Psychoanalysts against Biological Reductionism: Anna Freud, Max Schur, and René Spitz reject John Bowlby’s Synthesis of Ethology and Psychoanalysis.” Science Studies Program, University of California San Diego, May 14, 2012.

“Mechanical Love in Post-War America,” York University, STS program, 2011.

“Harry Harlow and the Science of Love,” University of Oregon, History Department, 02/2010.

“Human Nature and Mother Love in Post-War America,” Dibner Series in the History of Science, Huntington Library, 05/2010.

“Harry Harlow’s work on Mother Love from Lab to Legend,” Science and Culture Group, University of Toronto, 2009.

“The Nature and Nurture of Mother Love and Love for Mother,” History Department & Science Studies Program, University of California, San Diego, 2008.

“Mothers, Machines, and Morals,” York University, History of Psychology Group, 2007.

“The Machine in the Nursery: Harry Harlow’s Experiments on Monkeys and Motherhood,” History of Psychology Department, University of New Hampshire, 2005.

“Social Implications of the New Genetics,” Universidad Nacional Autonoma de Mexico. Mexico City, Mexico, 08/2001.

“Epistemological and Ethical Issues in the History of Genetics,” Universidad Autonoma de Barcelona, Barcelona, Spain, 06/2001.

“On Genetic and Social Bondage: Is Cloning a Threat to Our Identity and Autonomy?” Population Genetics Department, Harvard University, 11/1998.

“Experimentation and Realism in Early Genetics,” History of Biology Group, Harvard University. 11/1998.

“The Genotype-Phenotype Distinction in Studies of Inheritance, 1900-1920,” Invited Presentation, Lund, Sweden, 11/1996.

“What is a Gene?” Max Planck Institute, History of Science Division, Berlin, Germany, 10/1996.

“Mendelism and Darwinism in Early American Genetics,” “The Laws of Inheritance and the Rules of Ethics,” and “Bacon's Dream and the Philosophers' Nightmare,” 3 invited lectures at the Department of Biology and Department of Philosophy, National University of Mexico, UNAM, Mexico City, 6/1996.

The Social Implications of Genetic Testing and Manipulation,” Kiwanis Club, Sun City West, Phoenix, AZ, 4/1996.

“Women as Guardians of the Race: Women's Nature and Eugenics in American Society, 1900-1930,” ASU West Women's Center, 11/1995.

“The Promises and Perils of the New Genetics,” Humanistic Society of Greater Phoenix, Scottsdale, AZ, 7/1995

“Ethical Implications of Genetic Engineering,” King of Glory Lutheran Church, Tempe, AZ, 10/1993.

‘Simplicity, Theory Construction and Theory Appraisal in the Chromosome Theory of Mendelian Inheritance’, Cornell University, Ithaca, NY, 1992.

“Simplicity and Unification in the Construction of Cytogenetics,” University of Minnesota, Minneapolis, MN, 1991.

“Cytogenetics: The Search for the Physical Basis of the Genes,” Valencian Society for Advanced Studies, Valencia, Spain, 1991.

“The History and Social Implications of the Human Genome Project,” Valencian Society for Advanced Studies, Valencia, Spain, 1991.

Invited Participation in Workshops and Seminars:

Workshop “Infant-Caregiver Interaction.” Human Ethology Film Archive, April 9-10, 2016. Senckenberg, Frankfurt am Main, Germany.

Workshop “Contextualizing Attachment: The Cultural Nature of Attachment.” Ernst Strungmann Forum. Frankfurt Institute for Advanced Studies, April 3-8, 2016, Frankfurt am Main, Germany. Presenter of background paper and participant.

Workshop “History of Developmental Research: Setting the Next-Generation Agenda,” Rockefeller Archive Center, Sleepy Hollow, NY, December 4-6, 2013.

Workshop "Biology and Law: Adjudicating Competing Scientific Claims in a Constitutional Democracy." National Science Foundation Seminar. Phoenix, 05/1995

Workshop "Biology and Law: Adjudicating Competing Scientific Claims in a Constitutional Democracy." National Science Foundation Seminar. Phoenix, 03/1995

12. Media and Other Public Engagements

<https://www.psychiatrictimes.com/view/cause-autism>

April 27, 2021.

Interview on attachment for “Science Vs” March 31, NYC, with Wendy Zukerman Host, Science Vs podcast, Gimlet Media.

Interview for the New Books in Science, Technology, and Society site:

<http://newbooksinscitechsoc.com/2013/10/19/marga-vicedo-the-nature-and-nurture-of-love-university-of-chicago-press-2013/>

“Exploring Autism’s History with Marga Vicedo, University of Toronto News, interview, November 5, 2013.

Available at: <http://www.news.utoronto.ca/exploring-autisms-history-marga-vicedo>

University of Oregon Today Show #443. Oregon Humanities Center. 30 minutes TV interview, February 2010. Available at:

<http://www.youtube.com/watch?v=gKy0ijXqijM>

D. LIST OF COURSES

12.

A. Undergraduate courses taught

HPS 304: A History Lab: Biomedical Sciences Past and Present, Fall 2020

-HPS120: How to Think about Science (co-taught)
Spring 2015

-HPS110: The Science of Human Nature (co-taught)

Fall 2013, Spring 2015, Spring 2017, Spring 2018, Fall 2018, Spring 2019,
Fall 2019; Fall 2020

-VIC 107H Evolution, Heredity, and Behavior
Spring 2007, 2008, 2009, 2010, 2011

-HPS 323H/ZOO 354 Darwinism
Fall 2006

-JHE 353HF History of Evolutionary Biology
Fall 2009; Summer 2010; Fall 2010; Fall 2012; Fall 2013; Fall 2017

-Research Opportunities Program, "History of Autism in Canada" 2013-14

Women and Science, Arizona State University

Evolution of Ideas, Arizona State University

History of Biology, Arizona State University

Moral Dilemmas, Arizona State University

Applied Ethics, Arizona State University

History and Philosophy of Biology, University of Salamanca, Spain

B. Graduate courses taught

The Sciences of Human Nature
Fall 2017

Introduction to the History of Biology, University of Toronto
Fall 2016, Spring 2017, Spring 2018, Spring 2019

Introduction to the History and Philosophy of Science and Technology,
University of Toronto
Fall 2014

Fundamentals of the History of Biology, University of Toronto
Fall 2006; Fall 2008; Spring 2010; Fall 2012, Fall 2013

Biology and Human Nature, University of Toronto
Spring 2007; Spring 2009; Fall 2009; Spring 2011

Reel Science: History of 20th Century Animal Research in Text and Film,
Directed Reading Course, 2009-2010, University of Toronto

Psychoanalysis and Gender, Directed Reading Course, 2008-09,
University of Toronto

C. Theses supervised

Candace Massey, “DNA in Translation: Property, Value, and the Biomedical Commons in Human Population Genetics Research (1961-2011).” Co-Supervisor.

Filippo Sposini, “The Certification of Insanity: A Transnational History.” Co-supervisor.

Sunguk Jung, “Genetics on the Border: Harvard’s Bussey Institution and the Emergence of Specialised Genetics.” Supervisor.

Vincent Auffrey, “Eugenics in French Canada, 1880s-1940s.” Thesis committee.

Andrew Jones, “The Forgotten Patient Population: Psychedelic Drugs in Child Psychiatry, 1961-1972.” Thesis committee.

Gregory Rupik, “Evolutionary-Developmental Biology and Romanticism: Seeing the Organism Again.” Thesis committee.

Felix Walpole, “Conceptual Problems in Modern Evolutionary Theory.” Thesis committee.

Elizabeth Koester, “Law and Eugenics in Toronto, 1900-1939.” Ph.D. September 2018. Thesis committee.

Riiko Bedford, “Like Produces Like: Popular Conceptions of Heredity in Canada, 1860-1940.” Ph.D. May 2017. Co-supervisor.

Rebecca Moore: “Living Inventions: Genetically Modified Organisms and the Canadian Patent System, 1976-2004.” Ph.D. 2015. Supervisor

Delia Gavrus, “Men of Strong Opinions: Identity, Self-Representation, and the Performance of Neurosurgery, 1919–1950.” Ph. D. 2011. Thesis committee.

Sebastián Gil-Riaño, “Historicizing Anti-racism: UNESCO’s Campaigns Against Race Prejudice in the 1950s.” Ph.D. 2013. Thesis committee.

Robin Nunn, “From Laughter to the Limits of Biomedical Knowledge.” Thesis committee. Ph.D. 2012.

Keynyn Brysse, “The Burgess Shale: a Cambrian Mirror for Modern Evolutionary Biology.” Ph.D. 2008. Thesis committee.

Specialist Exams 2020:

-Charlotte Duffee
 -Andrew Jones
 -Candace Massey
 -Filippo Sposini
 -Vincent Auffrey

E. ADMINISTRATIVE POSITIONS

13. A. Positions held and service on committees and organizations within the University
 University of Toronto:

Acting Director of Undergraduate Studies, January 2019 - July 2019

Victoria College Fellowships Committee, 2018-2019

Search Committee, STS tenure-track position, IHPST, 2017-2018

Graduate Curriculum Committee, 2017-2018

PTR Adjudication Committee, 2017-2018

Director of Undergraduate Studies, July 2012 - July 2015

Teaching Assistants Committee/Graduate Mentor, Chair, July 2012 - July 2015

Undergraduate Curriculum Committee, Chair, 2012 - July 2015

Director's Advisory Committee, member, 2012- July 2015

Teaching and Learning Initiatives Fund Committee, Arts and Sciences,
 University of Toronto, member, 2013

Victoria College Academic Committee, member, 2013- July 2015

Graduate Admissions Committee, IHPST, University of Toronto, 2009-2011

Undergraduate Curriculum Committee, IHPST, University of Toronto, 2010
 2011

Dean's Search Committee, position of Chair, IHPST, University of Toronto,
 2009.

Victoria College Academic Advisory Committee, 2009-2011

Coordinator and Organizer, IHPST Colloquium, 2008/09

Director's Advisory Committee, IHPST, 2008/09

Teaching Assistants Committee, IHPST, 2008/09

Representative of IHPST in Fall Campus Day and March Break Open Houses

Representative of IHPST in Toronto Node for the Cluster Grant in the
History/Philosophy of Science

Co-organizer of GTA Workshop (Meeting of scholars from different universities
in the Greater Toronto Area)

Arizona State University:

Graduate Committee, IAS Representative (Unit level), 1997/98

Technology Committee, IAS Representative (Unit level), 1997/98

Senate Sub-Committee on Partners Accommodation Policy (Campus level), 1997

Ad Hoc Senate Sub-Committee on Compassionate Withdrawal Policy (Campus
level), 1997

Curriculum Committee, IAS Representative (Unit level), 1997

ASU West Senate, Arts and Science Elected Representative (Campus level),
1996-97

Volunteer for Project Mentor (Campus level), 1995/99

Faculty Adviser to the Integrative Studies Students Club 1995/96

Review Committee for a member of the Life Sciences Department, 1996.

Chair, of Second-Year Probationary Review of an assistant professor of
philosophy of the Integrative Studies Department, 1996

Chair of Second-Year Probationary Review of an assistant professor of
mathematics of the Integrative Studies Department, 1996

ASU West Senate, Arts and Science Elected Representative (Campus level),
1995/96

Life Sciences Genetics Search Committee, 1993/94

Curriculum Committee (Unit level), 1993/94

Governance Committee (Unit level), 1993/94

Curriculum Committee (Unit level), 1992/93

Governance Committee (Unit level), 1992/93

- B. Positions held and service on committees and organizations outside the University
of scholarly and academic significance.

Canadian Society for the History and Philosophy of Science (CSHPS) Advisory
Board, 2014-present.

Member of the History of Science Society Nominating Committee, 2012

Chair of History of Science Society Committee on Education, 2012-13

Member of History of Science Society Committee on Education, 2009/13

Chair of Program Committee for the 2011 meeting of the Canadian Society for
the History and Philosophy of Science

Member of Program Committee for the 2011 meeting of the Canadian Society for the History and Philosophy of Science, 2010

Organizing Committee of the Conference '150 Years after The Origin: Philosophical, Historical, and Scientific Perspectives.' IHPST, University of Toronto, 2009

Member of History of Science Society Council, 2009/13 (elected)

Member of Program Committee for the 2010 meeting of the Canadian Society for the History and Philosophy of Science, 2009

Chair of the History of Science Society Committee on Diversity, 1999/2001

Member of the History of Science Society Committee on Diversity, 1997/99

Member of the Organizing Committee for the 1993 Meeting of the International Society for the History, Philosophy, and Social Studies of Biology. 1992/93

Other:

Selected sessions and symposia organized:

Organizer: Three-sessions Symposium: "Science on the Emotions: Transnational and Interdisciplinary Perspectives," 24th International Congress of History of Science, Technology and Medicine, Manchester, July 2013

Organizer: Workshop on Textbooks in Science, IHPST, University of Toronto, 04/2010

Co-organizer: Workshop: The Construction of Social Science in Cold War America. University of Toronto, May 21-22, 2010

Cheiron 40th Annual Meeting. June 26-29, 2008, Ryerson University, Toronto. Organizer of Symposium: "Love And Hate"

Co-organizer of symposium on science and children for the History of Science Society Annual Meeting, November 2008, Pittsburgh

Session Organizer, "The Nature of Ethics and the Ethics of Nature." History of Science Society Meeting, Atlanta, GA, November 1996

Session Organizer, "Refining Our Understanding of Eugenics," History of Science Society Meeting, New Orleans, LA, October 1994

Chair of Session, "Evolutionary Studies in the 20th Century: Funding, Fitness, and Reorganization," History of Science Society Meeting, Santa Fe, NM, November 1993

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