

JASON SCOTT ROBERT, PhD

CURRENT EMPLOYMENT

Arizona State University (ongoing)

Associate Professor (tenured), School of Life Sciences (2008-); Dean's Distinguished Professor in the Life Sciences (2009-); Director, Lincoln Center for Applied Ethics (2013-); Lincoln Chair in Ethics (2013-). [Assistant Professor, 2004-2008]

PREVIOUS EMPLOYMENT

The University of Arizona, College of Medicine

Associate Professor, Department of Basic Medical Sciences (2010-2014, courtesy). [40% appointment, 2006-2008; 50% appointment, 2008-2010]

Dalhousie University

Assistant Professor (tenure-track), Department of Philosophy (2001-2004)

EDUCATION

McMaster University, 1996-2000

Ph.D. Dissertation: *Taking Development Seriously: Toward a Genuinely Synthetic Biology*. Supervisory committee: Barry Allen (supervisor), Michael Ruse (Florida State University), William Wimsatt (University of Chicago). External: Evelyn Fox Keller (MIT)

The University of Chicago, Committee on Conceptual Foundations of Science, 1999

Fulbright Scholar. Project: *The Political Puzzle of North American Genomics*. Supervisor: William Wimsatt

McMaster University, 1994-1996

M.A. Thesis: *Biotechnologies of the Self: The Human Genome Project and Modern Subjectivity*. Supervisor: Barry Allen

Queen's University, 1990-1994

B.A.(Hons.), Major in Philosophy

AREAS OF EXPERTISE

Applied ethics, bioethics, philosophy of biology.

PUBLICATIONS

For multiauthored publications/presentations, I have marked student/trainee coauthors with ° and junior colleagues with *. Unless otherwise indicated, please assume equal contributions of all authors to conceiving, drafting, and revising the work.

Book (monograph)

B1. Robert JS. *Embryology, Epigenesis, & Evolution: Taking Development Seriously*. New York: Cambridge University Press [2004]. Reviewed favorably in *Science*, *The Quarterly Review of Biology*, *Biology and Philosophy*, *Philosophy of Science*, and elsewhere.

Book (edited)

B2. Guston DH, Finn E, Robert JS. (Eds.). *Frankenstein: Annotated for Scientists, Engineers, and Creators of All Kinds*. Cambridge MA: MIT Press [2017]

B3. Hays SA, ° Robert JS, Miller CA, Bennett I*. (Eds.). *Nanotechnology, the Brain, and the Future*. Dordrecht: Springer [2012]

Peer-reviewed Articles (54 total; 18 since tenure and promotion; 2 currently under review)

A1. Piemonte N°, Truten J, Robert JS. The Reflective Scribe: Encouraging Critical Self-Reflection and Professional Development in Pre-Health Education. Forthcoming in *The Journal of Medical Humanities*. (I conceived the paper, and worked with my postdoctoral fellow, Nicole Piemonte, on the first draft and subsequent revisions)

A2. Robert JS. The Epigenesis of Obesity. *Human Development* 60: 95-106 [2017]

A3. Robert JS. Can Communication Scholarship Help to Bridge the Gap in Translational Research? *Review of Communication* 17.3: 214-223 [2017]

A4. Caselli RJ, Marchant GE, Hunt KS°, Henslin BR, Kosiorek HE, Langbaum J, Robert JS, Dueck AC. Predictive Testing for Alzheimer's Disease: Suicidal Ideation in Healthy Participants. *Alzheimer Disease and Associated Disorders* 29.3: 252-254 [2015] (I undertook qualitative data collection and analysis with my then PhD student, Katherine Hunt, and edited the resulting ms)

A5. Caselli RJ, Langbaum J, Marchant GE, Lindor RA, Hunt KS°, Henslin BR, Dueck AC, and Robert JS. Public Perceptions of Presymptomatic Testing for Alzheimer's Disease. *Mayo Clinic Proceedings* 89.10: 1389-1396 [2014] (I undertook qualitative data collection and analysis with my then PhD student, Katherine Hunt, and edited the resulting ms)

A6. Robert JS. Stem Cell Research Oversight: Personal Reflections and Public Reasoning. *The American Journal of Bioethics* 13.1: 66-68 [2013]

A7. Haimes E, Skene L, Ballantyne AJ, Caulfield T, Goldstein LS, Hyun I, Kimmelman J, Robert JS, Roxland BE, Scott, CT, Solbakk JH, Sugarman J, Taylor PL, Testa G. Position Statement on the Provision and Procurement of Human Eggs for Stem Cell Research. *Cell Stem Cell* 12: 285-291 [2013] (I took part in committee deliberations and actively revised the resulting draft manuscript)

- A8. Hurlbut JB*, Robert JS. Stem Cells, Science, and Public Reasoning. *Journal of Policy Analysis and Management* 31.3: 707-714 [2012] (20%)
- A9. Hurlbut JB*, Robert JS. Good Governance Connects Science and Society. *Journal of Policy Analysis and Management* 31.3 722-726 [2012] (20%)
- A10. Kato K, Kimmelman J, Robert J, Sipp D, Sugarman J. Ethical and Policy Issues in the Clinical Translation of Stem Cells: Report of a Focus Session at the ISSCR 10th Annual Meeting. *Cell Stem Cell* 11: 765-767 [2012] (I wrote ¼ of the article and revised the full manuscript)
- A11. Carvalho TB°, Rady MY, Verheijde JL, Robert JS. Continuous Deep Sedation in End-of-Life Care: Disentangling Palliation from Physician-Assisted Death. *The American Journal of Bioethics* 11.6: 60-62 [2011] (I mentored my student through the writing process and significantly edited the final draft)
- A12. Marchant GE, Robert JS. Genetic Testing for Autism Predisposition: Ethical, Legal and Social Challenges. *The Houston Journal of Health Law and Policy* 9: 203-235 [2010]
- A13. Robert JS. Taking Old Ideas Seriously: Evolution, Development, and Human Behavior. *New Ideas in Psychology* 26: 387-404 [2008]
- A14. Miller FA, Robert JS, Hayeems RZ. Questioning the Consensus: Managing Carrier Status Results Generated by Newborn Screening. *American Journal of Public Health* 99: 209-215 [2009] (I contributed to qualitative data analysis and revised the complete draft)
- A15. Robert JS. Toward a Better Bioethics. *Science and Engineering Ethics* 15: 283-291 [2009]
- A16. Robert JS. The Comparative Biology of Human Nature. *Philosophical Psychology* 21.3: 425-436 [2008]
- A17. Maienschein J, Sunderland M°, Ankeny RA, Robert JS. The Ethos and Ethics of Translational Research [Target article with commentaries and response]. *The American Journal of Bioethics* 8.3: 43-51 and W1-W3 [2008] (I contributed significantly to the original draft and to revisions, and wrote the first draft of the response by the authors)
- A18. Miller FA, Giacomini M, Robert JS, Christensen R. Duty to Disclose What? Querying the Putative Obligation to Return Research Results to Participants. *Journal of Medical Ethics* 34: 210-213 [2008] (I contributed to qualitative data analysis and revised the complete draft)
- A19. Miller FA, Giacomini M, Ahern C, Robert JS, de Laat S. When Research Seems Like Clinical Care: A Qualitative Study of the Communication of Individual Cancer Genetic Research Results. *BMC Medical Ethics* 9.4 [2007] [open access online at: <http://www.biomedcentral.com/1472-6939/9/4>] (I contributed to qualitative data analysis and revised the complete draft)
- A20. Giacomini M, Baylis F, Robert JS. Banking on It: Public Policy and the Ethics of Stem Cell Research and Development. *Social Science & Medicine* 65.7: 1490-1500 [2007] (I helped conceive the article, wrote several sections, and revised the full manuscript)
- A21. Robert JS. Gene Maps, Brain Scans, and Psychiatric Nosology. *Cambridge Quarterly of Healthcare Ethics* 16: 209-218 [2007]
- A22. Baylis F, Robert JS. Part-human Chimeras: Worrying the Facts, Probing the Ethics. *The American Journal of Bioethics – Neuroscience* 7.5: 41-45 [2007]
- A23. Robert JS. Systems Bioethics. *The American Journal of Bioethics* 7.4: 80-82 [2007]

- A24. Martin RA^o, Robert JS. Is Risky Pediatric Research Without Prospect of Direct Benefit Ever Justified? *The American Journal of Bioethics* 7.3: 12-15 [2007]
- A25. Baylis F, Robert JS. Human Embryonic Stem Cell Research: An Argument for National Research Review. *Accountability in Research* 13.3: 207-224 [2006]
- A26. Robert JS, Kirk DD^o. Ethics, Biotechnology, and Global Health: The Development of Vaccines in Transgenic Plants. *The American Journal of Bioethics* 6.4: W29-W41 [2006]
- A27. Robert JS, Maienschein J, Laubichler M. Systems Bioethics and Stem Cell Biology. *Journal of Bioethical Inquiry* 3.1-2: 19-31 [2006] (I helped conceive the paper and drafted the first version of the manuscript)
- A28. Baylis F, Robert JS. Primer on Ethics and Crossing Species Boundaries. Online at http://www.actionbioscience.org/biotech/baylis_robert.html [2006]
- A29. Heathcotte B^o, Robert JS. The Strange Case of the Humanzee Patent Quest. *National Catholic Bioethics Quarterly* 6.1: 51-59 [2006]
- A30. Robert JS. The Science and Ethics of Making Part-human Animals in Stem Cell Biology. *FASEB Journal* 20: 838-845 [2006]
- A31. Campbell R, Robert JS. The Structure of Evolution by Natural Selection. *Biology & Philosophy* 20.4: 673-696 [2005]
- A32. Kirk DD^o, Robert JS. Assessing Commercial Feasibility: A Practical and Ethical Prerequisite for Human Clinical Testing. *Accountability in Research* 12.4: 281-297 [2005]
- A33. Robert JS, Plantikow T^o. Genetics, Neuroscience, and Psychiatric Classification. *Psychopathology* 38.4: 215-218 [2005]
- A34. Vinci T, Robert JS. Aristotle and Modern Genetics. *Journal of the History of Ideas* 66.2: 201-221 [2005]
- A35. Robert JS, Baylis F. Stem Cell Politics: The NAS Prohibitions Pack More Bark Than Bite. *Hastings Center Report* 35.6: 15-16 [2005]
- A36. Robert JS. Human Dispossession and Human Enhancement. *The American Journal of Bioethics* 5.3: 27-29 [2005]
- A37. Robert JS, Smith A^o. Toxic Ethics: Environmental Genomics and the Health of Populations. *Bioethics* 18.6: 493-514 [2004]
- A38. Robert JS. Model Systems in Stem Cell Biology. *BioEssays* 26.9: 1005-1012 [2004]
- A39. Baylis F, Robert JS. The Inevitability of Genetic Enhancement Technologies. *Bioethics* 18.1: 1-26 [2004]; Reprinted in: Baylis F, Downie J, Hoffmaster B, Sherwin S (eds.) *Health Care Ethics in Canada*. 2nd Edition Toronto: Thomson Nelson: 448-460 [2004]
- A40. Robert JS. Constant Factors and Hedgeless Hedges: On Heuristics and Biases in Developmental Biology. *Philosophy of Science* 70.5: 975-988 [2003]
- A41. Robert JS, Baylis F. Crossing Species Boundaries [target article with commentaries and response]. *The American Journal of Bioethics* 3.3: 1-13 [2003]
- A42. Robert JS. Developmental Systems and Animal Behaviour. Critical notice of *Evolution's Eye: A Systems View of the Biology-Culture Divide*, by Susan Oyama. *Biology & Philosophy* 18.3: 477-489 [2003]
- A43. Sarkar S, Robert JS. Editors' Introduction [to a special issue on evolution and development]. *Biology & Philosophy* 18.2: 209-217 [2003]

- A44. Robert JS. How Developmental is Evolutionary Developmental Biology? *Biology & Philosophy* 17.5: 591-611 [2002]
- A45. Robert JS, Hall BK, Olson WM. Bridging the Gap between Developmental Systems Theory and Evolutionary Developmental Biology. *BioEssays* 23.10: 954-962 [2001] (I conceived the paper and drafted ½ of the manuscript)
- A46. Robert JS. Interpreting the Homeobox: Metaphors of Gene Action and Activation in Development and Evolution. *Evolution & Development* 3.4: 287-295 [2001]
- A47. Robert JS. Genomes, Hormones, and Health. *Literary Review of Canada* 9.4: 18-21 [May 2001]
- A48. Robert JS. Schizophrenia Epigenesis? *Theoretical Medicine and Bioethics* 21.2: 191-215 [2000]
- A49. Robert JS. Fastidious, Foundational Heresies. Critical notice of *Foundations of Biophilosophy* by Martin Mahner and Mario Bunge. *Biology & Philosophy* 15.1: 133-145 [2000]
- A50. Robert JS. Synthetic Biology. Critical notice of *Lifelines: Biology Beyond Determinism* by Steven Rose. *Studies in History and Philosophy of Biological and Biomedical Sciences* 31.4: 599-614 [2000]
- A51. Boetzkes EA, Robert JS. Editors' Introduction: Toward an Inclusive Health Ethics for Humans and Ecosystems. *Ethics and the Environment* 5.2: 143-151 [2000]
- A52. Robert JS. Wild Ontology: Elaborating Environmental Pragmatism. *Ethics and the Environment* 5.2: 191-209 [2000]
- A53. Robert JS. Moral Truthfulness in Genetic Counseling. *Business and Professional Ethics Journal* 17.1-2: 73-93 [1998]
- A54. Robert JS. Illich, Education, and the Human Genome Project: Reflections on Paradoxical Counterproductivity. *Bulletin of Science, Technology, and Society* 18.4: 228-239 [1998] (translated into Dutch and published in *Oikos* 12: 21-43 [2000])

Peer-reviewed Book Chapters (10 total; 7 since tenure and promotion)

- BC1. Preuss TM, Robert JS. Animal Models of the Human Brain: Repairing the Paradigm. In *The Cognitive Neurosciences V*, eds. MS Gazzaniga and GR Mangun. (Cambridge: MIT Press), pp. 59-66 [2014]
- BC2. Robert JS, Miller CA, Milleson V°. Ethics and Anticipatory Governance of Nano-Neurotechnological Convergence. In *Nanotechnology, the Brain, and the Future*, eds. SA Hays, JS Robert, CA Miller, and I Bennett (Dordrecht: Springer), pp. 1-17 [2012] (I mentored my student through the drafting process, and revised the final manuscript)
- BC3. Maienschein J, Robert JS. What Is An Embryo and How Do We Know? In *The Healthy Embryo*, eds. JA Nisker, F Baylis, I Karpin, C McLeod, and R. Mykitiuk (Cambridge University Press), pp. 1-15 [2009]
- BC4. Smith A°, Robert JS. Conceptual and Normative Dimensions of Toxicogenomics. In *Genomics and Environmental Regulation: Science, Ethics, and Law*, eds. RR Sharp, GE Marchant, JA Grodsky (Johns Hopkins University Press), pp. 219-241 [2008]
- BC5. Robert JS. Evo-devo. In *The Oxford Handbook of Philosophy of Biology*, ed. M. Ruse (Oxford University Press), pp. 291-309 [2008]

- BC6. Robert JS. Nanoscience, Nanoscientists, and Controversy. In *Nanotechnology and Society: Current and Emerging Ethical Issues*, eds. F. Allhoff and P. Lin (Springer), pp. 225-239 [2008]
- BC7. Robert JS. Behavioural Genetics. In *The Cambridge Textbook of Bioethics*, ed. P.A. Singer (Cambridge University Press), pp. 174-182 [2008]
- BC8. Robert JS. Molecular and Systems Biology and Bioethics. In *The Cambridge Companion to Philosophy of Biology*, eds. M. Ruse and D.L. Hull (Cambridge University Press), pp. 361-371 [2007]
- BC9. Baylis F, Robert JS. Radical Rupture: Exploring Biological Sequelae of Volitional Inheritable Genetic Modification. In *The Ethics of Inheritable Genetic Modification: A Dividing Line?* eds. R Ankeny, J Rasko, and G. O’Sullivan (Cambridge University Press), pp. 131-148 [2006]
- BC10. Robert JS. Developmental Systems Theory. In *Key Concepts and Approaches in Evolutionary Developmental Biology*, eds. BK Hall and WM Olson (Harvard University Press), pp. 94-97 [2003]

Peer-reviewed Encyclopaedia Entries (3 total)

- E1. Robert JS, Baylis F. Genetic Engineering: Public Health and Ethics. In *Encyclopedia of Public Health*, ed. K Heggenhougen (Elsevier), Volume 3, pp. 35-39 [2008]
- E2. Baylis F, Robert JS. Gene Therapy. *Encyclopedia of Science, Technology, and Ethics*, ed.-in-chief C Mitcham (MacMillan Reference USA), pp. 829-831 [2005]
- E3. Robert JS. Genetics and Behavior. *Encyclopedia of Science, Technology, and Ethics*, ed.-in-chief C Mitcham (MacMillan Reference USA), pp. 849-854 [2005]

Book and Film Reviews (13 total, 5 since tenure and promotion)

- BR1. Robert JS. Film Review of *The Boy in the Striped Pajamas*. *Journal of Research Administration* XLI.1: 97-101 [2010]
- BR2. Robert JS. What Good is Science? Review of *Biology Under the Influence* by R. Lewontin and R. Levins. *BioScience* 59: 524-525 [2009]
- BR3. Robert JS. Comparative Metascience: The Architecture of Genetic Medicine. Review of *Building Genetic Medicine* by S. Parthasarathy. *Metascience* 18: 481-483 [2009]
- BR4. Brian JD^o, Robert JS. Biotechnology, Bioethics, and the Future: A Review of Ronald Bailey’s *Liberation Biology*. *Theoretical Medicine and Bioethics* 29.2: 125-128 [2008]
- BR5. Robert J. Review of *Nanoethics*, eds. F. Allhoff, P. Lin, J. Moor, and J. Weckert. *Studies in Ethics, Law, and Technology* 2.1: Article 10. Available online at: <http://www.bepress.com/selt/vol2/iss1/art10> [2008]
- BR6. Robert JS. Review of *Philosophy of Experimental Biology* by M. Weber. *Perspectives in Biology and Medicine* 50.1: 158-160 [2007]
- BR7. Robert JS. Enhancing Bioethics, Enhancing Bioscience. Review of *Bioethics and the New Embryology: Springboards for Debate*, by S.F. Gilbert, A.L. Tyler, and E.J. Zackin. *BioEssays* 28.10: 1062-1063 [2006]
- BR8. Robert JS. Review of *Environment, Development, and Evolution: Toward a Synthesis*, eds. B.K. Hall, R.D. Pearson, and G.B. Müller. *American Journal of Human Biology* 18.2: 230-231 [2006]

- BR9. Robert JS. Inheritance Systems in Evolution: The Darwinian Dimension. Review of *Evolution in Four Dimensions: Genetic, Epigenetic, Behavioral, and Symbolic Variation in the History of Life* by E. Jablonka and M.J. Lamb. *TREE* 20.12: 657-658 [2005]
- BR10. Robert JS. Rooting for Evo-Devo: A Review of *The Changing Role of the Embryo in Evolutionary Thought: Roots of Evo-Devo* by R. Amundson. *Evolution & Development* 7.6: 647-648 [2005]
- BR11. Robert JS. Review of *Science and Selection: Essays on Biological Evolution and the Philosophy of Science* by D.L. Hull. *Journal of the History of Biology* 35.2: 414-415 [2002]
- BR12. Robert JS. The Metaphorical Unfolding of Biology. Review of *Refiguring Life: Metaphors of Twentieth-Century Biology* by E.F. Keller. *Research in Philosophy and Technology* 18: 327-329 [1999]
- BR13. Robert JS. Review of *Birth to Death: Science and Bioethics* edited by D.C. Thomasma and T. Kushner. *Dialogue: Canadian Philosophical Review* 37.4: 810-812 [1998]

PRESENTATIONS (204 total; 87 since tenure and promotion)

Peer-reviewed Conference Presentations (International/national)

- P1. Robert JS. Animal Experimentation and the Progress of Science. 16 October 2017. American Association of Laboratory Animal Sciences Conference, Austin.
- P2. Piemonte N,^o Robert JS. Pre-scribing Narrative Professionalism. 20 April 2016. Academy for Professionalism in Healthcare Conference, Philadelphia.
- P3. Robert JS. Scientific Integrity as Sincerity. 24 October 2015. American Society for Bioethics and Humanities Conference, Houston.
- P4. Coursen C, Robert JS, Drago M.^o Toward an Interprofessional Code of Ethics for Healthcare Teams. 24 October 2015. American Society for Bioethics and Humanities Conference, Houston. (My former student presented our joint research.)
- P5. Birdsall S, Moon P, Robert JS. Faculty Governance in an Era of Online Education. 22 July 2015. BlackBoard World, National Harbor MD.
- P6. Zautra N,^o Robert JS. Core Competencies for 'Benchside' Research Ethics Consultants. 18 October 2014. American Society for Bioethics and Humanities Conference, San Diego. (My former student presented our joint research.)
- P7. Robert JS. Under the Big Top? Integrating Ethicists in Research Settings. 16 October 2014. American Society for Bioethics and Humanities Conference, San Diego.
- P8. Robert JS. The Ethics of Comparative Cognition Research. Cognition: The 79th Cold Spring Harbor Laboratory Symposium, Cold Spring Harbor NY, 1 June 2014.
- P9. Robert JS. Discovery and Innovation: The Pipeline is a Pipe Dream. American Association for the Advancement of Science, Chicago, 13 February 2014.
- P10. Robert JS. Pay-to-participate Research: From coercion to cooperation in translational medicine? American Society for Bioethics and Humanities Conference, Atlanta, 26 October 2013.
- P11. Robert JS. Teaching Teaching the Teachers. Society for Ethics Across the Curriculum, Corvallis OR, 4 October 2013.

- P12. Zautra N, Robert JS. Humanizing Animals: The Selection and Justification of the Prairie Vole as an Animal Model for Autism Spectrum Disorders. International Society for History, Philosophy, and Social Studies of Biology Conference, Montpellier, France, 8 July 2013 (presented by N Zautra).
- P13. Robert JS. What is the Source Language of Translational Research? Society for Philosophy of Science in Practice Conference, University of Toronto, 26-29 June 2013.
- P14. Robert JS. Ought Patients to Pay to Participate in Cell Transfer Clinical Trials? International Society for Stem Cell Research Conference, Boston, 14 June 2013.
- P15. Robert JS. Model Animals in Developmental Biology and in Neuroscience: Virtues of a Comparative Philosophy of Science. *Animal Models, Model Animals? Meanings and Practices in the History of the Biomedical Sciences*, University of Manchester, 20 September 2012.
- P16. Robert JS. What are the Preclinical Barriers to First in Human Trials? Preclinical Data. International Society for Stem Cell Research, Yokohama, Japan, 13 June 2012.
- P17. Knight RE, Shoveller J, Robert JS, Cunningham-Burley S. Targeting the essentialized 'Other': A critique of sexuality interventions and the uniformity of risk-based social divisions. 13 April 2012, British Sociological Association, University of Leeds, UK
- P18. Robert JS. Cultivating Clinical Wisdom: What? Why? And How? 2 November 2011, Philosophy of Medicine Roundtable, University of the Basque Country, Spain
- P19. Robert JS. Failures of Translation in Neuroscience Research: How Can Bioethicists help? 27 May 2011, Brain Matters 2, Montreal QC
- P20. Robert JS. Failures of Translation in Biomedical Research: How Can Bioethicists Help? 16 October 2009, American Society for Bioethics and Humanities, Washington DC
- P21. Robert JS. What Can We Learn About Human Brains by Studying Non-human Animals? 26 September 2009, Brain Matters: New Directions in Neuroethics, Halifax, Nova Scotia
- P22. Robert JS. Gene Maps, Brain Scans, and Everything Else: Cross-Cultural Issues in Defining Mental Illness. 16 February 2008, American Association for the Advancement of Science, Boston
- P23. Robert JS. Braving the Brain. 1 June 2007, Canadian Bioethics Society, Toronto
- P24. Robert JS. Brain Repair and Neural Enhancement. 3 November 2006, Society for Social Studies of Science, Vancouver
- P25. Robert JS. Genetics, Neuroscience, and Nosology. 27 May 2005, American Psychological Society, Los Angeles
- P26. Robert JS. Developmental Evolutionary Psychobiology. 26 June 2004, International Society for Developmental Psychobiology, Aix-en-Provence, France
- P27. Robert JS. Stem Cells, Model Systems, and Scientific Inference. 5 March 2004, Southwest Colloquium on History & Philosophy of Life Sciences, University of Texas-Austin
- P28. Robert JS. The Nature and Culture of Stem Cells. 20 September 2003, Stem Cell Network Annual General Meeting, Vancouver
- P29. Robert JS. Environmental Genomics: Science, Ethics, and the Health of Populations. 8 February 2003, Genome Canada's GE³LS Winter Symposium, Montréal
- P30. Robert JS. Constant Factors and Hedgeless Hedges: On Heuristics and Biases in Developmental Biology. 8 November 2002, Philosophy of Science Association, Milwaukee

- P31. Robert JS. Revisiting Kant and Blumenbach on the *Bildungstrieb*. 21 June 2002, Fourth Biennial Congress of the International Working Group in History of Philosophy of Science, Montreal
- P32. Robert JS. How Evolutionary is Evolutionary Developmental Biology? 16 June 2002, First Annual Conference on Recent Work in Biology and Philosophy, Center for Philosophy of Biology, Duke University
- P33. Robert JS. Evolutionary Developmental Biology: Evolutionary Theory in the Context of Development. 28 December 2001, American Philosophical Association, Eastern Division, Atlanta
- P34. Robert JS, Baylis F. Genetic Enhancement Technologies: Imminent, Inevitable, or Inescapable? Presented by JS Robert. 4 November 2001, Society for Social Studies of Science, Cambridge MA
- P35. Robert JS. Whither the Body in Biology and Bioethics? 21 October 2000, Canadian Bioethics Society, Québec City
- P36. Robert JS. The Complexity of Bioethics, the Bioethics of Complexity. 26 May 2000, Canadian Society for the Study of Practical Ethics, Edmonton (awarded the Peter Miller Student Essay Prize)
- P37. Robert JS. The Homeobox Genes in Development and Evolution: Skeptical Considerations. 25 May 2000, Canadian Philosophical Association, Edmonton (awarded the Dialogue Student Essay Prize)
- P38. Robert JS. The Homeobox Genes in Development and Evolution: Skeptical Considerations. 23 April 2000, American Philosophical Association, Central Division, Chicago
- P39. Robert JS. Bioethics Beyond Georgetown. 29 October 1999, Canadian Bioethics Society, Edmonton (awarded Student Abstract Prize)
- P40. Robert JS. Robustness and Psychiatric Nosology: The Case of Schizophrenia. 4 June 1999, Canadian Philosophical Association, Sherbrooke
- P41. Robert JS. Wild Ontology: Radical Empiricism and Environmental Pragmatism. 3 October 1998, workshop on The Ethics of Human Health and Ecosystem Health: Toward an Inclusive Understanding, McMaster University (awarded Student Essay Prize)
- P42. Robert JS. Responsibility and the Professions: On the Moral Truthfulness of Genetic Counselors. 31 May 1998, Canadian Society for the Study of Practical Ethics, Ottawa (awarded the Peter Miller Student Essay Prize)
- P43. Robert JS. Unpacking Hacking's 'An Indeterminacy in the Past'. 1 November 1997, Ontario Philosophical Society, Toronto
- P44. Robert JS. Deviant Life: Toward a Political Philosophy of Biology. 25 October 1997, Society for Social Studies of Science, Tucson AZ
- P45. Robert JS. The Nature of Norms. 2 June 1997, Canadian Philosophical Association, St. John's, Newfoundland
- P46. Robert JS. Tradition-bound: Hermeneutics and Radical Critique(?). 5 June 1995, Canadian Society for Hermeneutics, Montreal

Invited presentations, International (I was based in Canada until 2004)

- P47. Robert JS. Adventures in *Frankenstein*. To be presented 22 October 2018, Baltan Laboratories, Eindhoven NL
- P48. Robert JS, Drago M. ° How the Research Imperative in Biomedicine Can Drive Health Inequities. 28 June 2014, American University of Sovereign Nations Conference on Bioethics, Public Health and Peace for Indigenous Peoples, Mexico City
- P49. Robert JS. The Translational Imperative in Contemporary Biomedical Research. 23 November 2012, *Values in Translational Research: Exploring the Role of Patient Involvement as a Way to Enhance Ethical Reflection*, University of Twente, The Netherlands
- P50. Robert JS. Public and Population Health: Evidence, Action, and Ethics. 18 September 2012, Social and Public Health Research Unit, University of Glasgow
- P51. Robert JS. Ethics, Equity, and Population Health Intervention Research. 28 November 2011, University of British Columbia
- P52. Robert JS. Ethics, Equity, and PHIR. 19 June 2011, PHIRNet Summer Institute, Canadian Institutes for Health Research, Université de Montréal
- P53. Robert JS. Ethics, Equity, and the Gap Between Knowledge and Action for Population Health. 17 February 2011, Centre for Research on Inner City Health, Li Ka Shing Knowledge Institute, St. Michael's Hospital, Toronto
- P54. Robert JS. PHIR-ing Equity. 1 December 2010, Health Equity Matters, Canadian Institutes of Health Research, Institute of Population and Public Health, Toronto
- P55. Robert JS. Motivating PHIR (Population Health Intervention Research): Evidence, Ethics, and Policy Action. 29 November 2010, Center for Health Economics and Policy Analysis, McMaster University
- P56. Robert JS. The Ethics of Motivating Population Health Intervention Research. 5 November 2010, Le Centre de Recherche Léa-Roback, Université de Montréal
- P57. Robert JS. Public and Population Health: Evidence, Action, and Ethics. 30 June 2010, the National Collaborating Centres for Public Health, Public Health Agency of Canada, Summer Institute, Winnipeg MB
- P58. Robert JS. Bioethics in International Perspective: Research Ethics, Micro and Macro. 6 December 2009, Retrieving the Human Face of Science: Ethics and Integrity in Medicine, Research, and Healthcare, University of Botswana, Gaborone, Botswana
- P59. Robert JS. Building Ethical International Collaborations: Moral Architecture in Global Context. 6 December 2009, Retrieving the Human Face of Science: Ethics and Integrity in Medicine, Research, and Healthcare, University of Botswana, Gaborone, Botswana
- P60. Robert JS. Funding for Neuroscience Research: Who Should Pay? How? Why? 29 April 2009, Novel Tech Ethics Seminar Series, QEII Hospital, Halifax, Nova Scotia
- P61. Robert JS. Why Biomedical Research Needs Evo-Devo. 7 November 2008, Zoonet Conference, Budapest, Hungary
- P62. Robert JS. The Darwinian Ark. 5 November 2008, Konrad Lorenz Institute for Evolution and Cognition Research, Altenberg, Austria
- P63. Robert JS. Evolutionary Developmental Medicine. 26 July 2007, International Society for History, Philosophy, and Social Studies of Biology, University of Exeter

- P64. Wicked Problems in Population Health Intervention Research. 25 June 2007, Canadian Institutes of Health Research-Institute of Population and Public Health Summer Institute, Banff AB
- P65. Robert JS. Cyborgs, Ratbots, and Bionic Humans: Wiring Brains to Machines. 9 May 2007, Discovery Center, Halifax, Nova Scotia
- P66. Robert JS. Braving the World of Neurotechnology. 9 February 2007, Health Law Institute Seminar Series, Dalhousie University
- P67. Robert JS. Moral Architecture in Public and Population Health. 8 February 2007, Department of Epidemiology, Biostatistics, and Occupational Health, McGill University
- P68. Robert JS. Putting Ethics Into Applied Public Health Research, Training, Interventions and Policies. 24 October 2006, Symposium on Research and Training in Public Health, Institut national de santé publique du Québec (part of the 10th *Journées annuelles de santé publique*), Montréal
- P69. Robert JS. Converging Technologies for CNS Repair. 15 September 2006, Dalhousie University
- P70. Robert JS. See-Through Genetics. 29 April 2006, Genetic Diversity and Science Communication Workshop, Canadian Institutes of Health Research – Institute of Genetics, Toronto
- P71. Robert JS. Systems Bioethics [Plenary Address]. 28 September 2005, *Genomics in Context*, EGENIS, University of Exeter, UK
- P72. Miller FA, Robert JS. Emerging Science in Genetic Testing: Toward a Better Bioethics. 14 July 2005, International Society for the History, Philosophy, and Social Studies of Biology, University of Guelph
- P73. Robert JS. Organizing Science for Global Public Health: Ethical Considerations. 30 May 2005, Direction du Santé Publique (Montreal)
- P74. Robert JS. Biosolids and Bioethics. 25 May 2005, Nova Scotia Agricultural College Seminar Series
- P75. Robert JS. Would evo-devo by any other name smell as sweet? 31 July 2003, Brown Bag Seminar Series, Konrad Lorenz Institute for Evolution and Cognition Research, Altenberg, Austria
- P76. Robert JS. ‘Triggering’ is the Wrong Metaphor. 17 July 2003, International Society for History, Philosophy, and Social Studies of Biology, University of Vienna
- P77. Robert JS. Creatures Great and Weird: Octo-parrots, Glowing Monkeys, and Superhumans. Applied Ethics Day Keynote Lecture and Nath Honours Lecture, 12 November 2002, West Virginia University
- P78. Robert JS. From Diagnosis to Design: Ethical Aspects of Reproductive Technologies. 12 November 2002, Departments of Biology and Philosophy, West Virginia University
- P79. Baylis F, Robert JS. Identity and the Human Genome Project: The Species Problem. 30 October-3 November, Sixth World Congress of Bioethics, Brasilia (presented by F Baylis)
- P80. Robert JS. Homeosis and Hopeless Monsters. 19 October 2002, *Dibner Institute Fall Workshop: From Embryology to Evo-Devo*, Cambridge MA
- P81. Robert JS. Polly Shouldn’t Be? The Ethics of Creating Novel Beings. 26 September 2002, Departments of Philosophy and Biology, Connecticut College

- P82. Robert JS. Convergent and Divergent Data: Ethical Quandaries in Genetic Counseling. 18 April 2002, Bioethics Grand Rounds, Center for Bioethics and Health Law, University of Pittsburgh
- P83. Robert JS. Psychiatric Disease Classification in the Genomic Age. 22 March 2002, Department of Philosophy, Florida State University
- P84. Robert JS. Robustness and Psychiatric Nosology. 16 November 2001, Department of Philosophy, University of Texas at Austin.
- P85. Robert JS. Evolution and Epigenetics. 15 November 2001, History and Philosophy of Science Program, University of Texas at Austin
- P86. Baylis FB, Robert JS. Stability, Rupture, and the Human Genome. 26 October 2001, *American Society for Bioethics and Humanities*, Nashville
- P87. Robert JS. Evolutionary Developmental Biology. 23 July 2001, *Second Annual Meeting on Philosophy and Developmental Biology*, Yale University
- P88. Robert JS, Hall BK, Olson WM. DST Proposes, EDB Disposes? Integrating Approaches to Development and Evolution. 20 July 2001, *International Society for History, Philosophy, and Social Studies of Biology*, Quinnipiac University
- P89. Robert JS. Illich, Education, and the Human Genome Project: Reflections on Paradoxical Counterproductivity. 18 September 1997, *Education and Technology: Asking the Right Questions*, Pennsylvania State University
- P90. Robert JS. Metabioethics, Persons, and the Human Genome Project. 24 November 1996, *International Association of Bioethics*, San Francisco

Invited presentations, National (I was based in Canada until 2004)

- P91. Robert JS. Science and Its Monsters: *Frankenstein for the 21st Century*. 17 April 2018, Distinguished Lecture Series, West Texas A&M University, Canyon TX
- P92. Robert JS. Ethics of Cannabis Treatment in Clinical and Experimental Neurotrauma. 29 June 2016, National Neurotrauma Society, Lexington KY
- P93. Robert JS. Animal Welfare and the Progress of Science. 16 November 2015, SUNY Downstate Graduate School, Brooklyn
- P94. Robert JS. Wishful thinking is not preventive medicine: Anti-vax Fantasyland™ is dangerous for all of us. 12 February 2015, SUNY Downstate Medical School, Brooklyn
- P95. Robert JS. Medicalization, ethics, and policy. 6 February 2015, University of Redlands, CA
- P96. Robert JS. The Vaccine-Autism Controversy: A Post-mortem Analysis. 30 October 2014, SUNY Downstate Medical School, Brooklyn
- P97. Robert JS. Scientific Integrity in Biomedical Research. 30 October 2014, SUNY Downstate Graduate School, Brooklyn
- P98. Robert, JS. Scientific Integrity in Translational Research. 18 September 2014, University of Kentucky Program for Bioethics Research Ethics Lecture Series, Lexington
- P99. Robert JS. The Edgar H. and Lillye Mae Vaughn Lectureship in Medical Philosophy and Morality: Integrity in Translational Research. 22 May 2014, University of Texas Medical Branch, Galveston
- P100. Robert JS. The Epistemology of Pre-Clinical Medicine. 29 December 2013, American Philosophical Association – Eastern Division, Baltimore

- P101. Robert JS. Clinical and Public Health Management of Refusals to Vaccinate. 31 October 2013, SUNY Downstate Medical School, Brooklyn
- P102. Robert JS. Accelerating Translational Neuroscience. 31 October 2013, SUNY Downstate Graduate School, Brooklyn
- P103. Preuss T, Robert JS. The Model Animal Paradigm in Cognitive Neuroscience. 25 June 2013. 25th Summer Institute in Cognitive Neurosciences, Lake Tahoe CA
- P104. Robert JS. The Changing Face of the Physician-Patient Relationship. 28 April 2013, *Western States Osteopathic Convention*, Las Vegas
- P105. Robert JS. How are genetic parts like Lego blocks? Evolution, development, and synthetic biology. 13 March 2013, *The Hastings Center*, Garrison NY
- P106. Robert JS. Ethical Issues in Etiological and Biological Research Into Autism. 26 September 2011, *NIH Workshop: Ethical, Legal and Social Implications (ELSI) of Autism Research*, Bethesda MD
- P107. Robert JS. Moral Distress. 6 April 2011, *Western States Osteopathic Convention*, Las Vegas
- P108. Robert JS. Stem Cells: The New Fundamentals. 6 April 2011, *Western States Osteopathic Convention*, Las Vegas
- P109. Robert JS. Epigenetics in Health and Disease: Conceptual and Methodological Issues. 12 January 2011, Center for Reproductive Biology “Epigenetics and Reproduction” Seminar Series, Washington State University – Pullman
- P110. Robert JS. What Sorts of Bioethicists Should There Be? 11 January 2011, Department of Philosophy, Washington State University – Pullman
- P111. Robert JS. Ethical Dimensions of Autism Risk Communication. 2 November 2010, Seattle Children’s Hospital / Drexel University Workshop, Seattle
- P112. Robert JS. Evidence-based Existentialism? 15 September 2010, University of Pennsylvania / Hastings Center Neuroimaging Workshop, Philadelphia
- P113. Robert JS. Palliative Sedation: An Ethical Autopsy. 30 July 2010, St Charles Health System Grand Rounds, Bend OR
- P114. Robert JS. Principles of Narrative Medicine. 1 May 2010, *Western States Osteopathic Convention*, Las Vegas
- P115. Robert JS. Palliative Sedation: An Ethics Update. 1 May 2010, *Western States Osteopathic Convention*, Las Vegas
- P116. Robert JS. Chimeras, Cyborgs, and the Moral Limits of Science. 29 January 2010, Inamori International Center for Ethics and Excellence, and Department of Bioethics, Case Western Reserve University
- P117. Robert JS. Chimeras, Cyborgs, and the Moral Limits of Science. 28 January 2010, Center for the Study of Ethics and Values, Hiram College
- P118. Robert JS. Human Cognitive Uniqueness in Biomedical Research: A Bridge Too Far? 13 October 2009, Krasnow Institute for Advanced Study, and Department of Philosophy, George Mason University
- P119. Robert JS. Should Anyone Own a Humanzee? 20 July 2009, The Chautauqua Institution, Chautauqua, New York
- P120. Robert JS. Human Ethology: The Comparative Biology of Human Nature. 11 June 2009, as the Human Kinetics Lecture, *North American Society for the Psychology of Sport and Physical Activity*, Austin TX

- P121. Robert JS. Practicing Evidence Based Medicine When the Evidence is Murky. 3 April 2009, *Western States Osteopathic Convention*, Las Vegas
- P122. Robert JS. What Can We Learn About Human Brains from Research with Non-human Animals? 17 February 2009, Departments of Philosophy and Biology, University of Redlands, Redlands CA
- P123. Robert JS. Stem Cell Research: The New Fundamentals. 10 April 2008, *Western States Osteopathic Convention*, Las Vegas
- P124. Robert JS. Brains in Context: The Case for Comparative Research in Biomedical Neuroscience. 28 March 2008, University of Alabama at Birmingham
- P125. Robert JS. Brains in Context: The Problematic Role of Model Organisms in Neuroscience. 5 June 2007, James S. McDonnell Foundation 21st Century Science Initiative Program Meeting, *Methodology Matters*, Babson Park MA
- P126. Robert JS. Neural Interface Systems: Ethical and Conceptual Issues at the Frontier of Brain Repair. 17 May 2007, Neuroethics Program, Stanford Center for Biomedical Ethics
- P127. Robert JS. Problematizing ‘Enhancement’. 15 April 2007, Dartmouth College
- P128. Robert JS. Constitutive Epigenesis, Creative Development, and Evolutionary Developmental Neurobiology. 25 March 2007, *Nature-Nurture Symposium*, Indiana University
- P129. Robert JS. Stem Cells: Clinical Hopes, Social Fears, Moral Choices. 21 March 2007, *Western States Osteopathic Convention*, Las Vegas
- P130. Robert JS. Evolutionary Developmental Medicine. 3 March 2007. Department of Philosophy, California State University – Northridge
- P131. Robert JS. Nanotechnology, Neurotechnology, and Society. 12 October 2006, *International Institute of Nanotechnology Symposium*, Northwestern University
- P132. Robert JS. Controversial science, controversial scientists? 9 August 2006, *Nano and Bio in Society (NABIS) Conference*, Chicago
- P133. Robert JS. Cloning, Chimeras, and the Stem Cell Circus. 2 May 2006, *Dr Max Pickerill Public Lecture Series*, Colby Community College, Colby KS
- P134. Robert JS. Gene Maps, Brain Scans, and Psychiatric Classification. 12 April 2006, Holtz Center, University of Wisconsin - Madison
- P135. Robert JS. Nanotechnology and Society: Ethical and Political Dimensions. 29 March 2006, *NABIS – Nanotechnology in Society’s Context*, Chicago
- P136. Robert JS. Systems Biology and Systems Bioethics [Plenary Address]. 25 October 2005, *National Conference on the Ethics of Biomedical Research and Practice*, Grand Forks ND
- P137. Robert JS. Systems Bioethics. 14 October 2005, *Heather and Scott Kleiner Lecture Series*, Department of Philosophy, University of Georgia
- P138. Robert JS. Stem Cells: Clinical Hopes, Social Fears, Moral Choices. 13 April 2005, *Western States Osteopathic Convention*, Las Vegas
- P139. Robert JS. Animal Models for Human Disease: Conceptual and Ethical Issues. 8 April 2005, National Institute of Environmental Health Sciences, Research Triangle Park NC
- P140. Robert JS. Developmental Evolutionary Psychobiology. 24 September 2004, *ISHPSSB Future Directions Workshop (FDISH)*, University of San Francisco

- P141. Robert JS. Stem Cells: From Bench to Clinic via *The Island of Dr. Moreau*. 23 September 2004, *ISHPSSB Future Directions Workshop (FDISH)*, University of San Francisco
- P142. Robert JS. Development: Never the Bride? 4 March 2004, Department of Philosophy, Texas A&M University
- P143. Robert JS, Gass G. Development: Always the Bridesmaid? 6 January 2004, *Society for Integrative and Comparative Biology*, New Orleans (presented by JS Robert)
- P144. Robert JS, Baylis F. Crossing Species Boundaries. 28 June 2003, *Transvision 2003 USA*, World Transhumanist Association, Yale University (presented by JS Robert)
- P145. Robert JS. Making Good on Oft-heard Promises. 14 May 2003, *The Translation of Genomic Science into Social Well-Being and Human Health*, Friends of the Canadian Institutes of Health Research (FCIHR) Symposium/Public Forum, Canadian Museum of Nature, Ottawa
- P146. Robert JS. Neuroscience, Genetics, and Nosology. 4 May 2003, *Symposium on Philosophical and Methodological Foundations of Psychiatric Diagnosis*, Mount Sinai School of Medicine, New York
- P147. Robert JS. Polly Shouldn't Be? 1 March 2003, Keynote address, *First Canadian National Undergraduate Bioethics Conference*, Antigonish NS
- P148. Robert JS. Homeosis and Hopeless Monsters. 5 January 2003, *Society for Integrative and Comparative Biology*, Toronto
- P149. Robert JS. Regulating the Creation of Novel Beings. 21 September 2002, Health Law Institute, University of Alberta
- P150. Robert JS. Constant Factors and Hedgeless Hedges: On Heuristics and Biases in Biological Research. 7 December 2001, Department of Philosophy, University of Calgary
- P151. Robert JS. Public Health and Population Health: What Can the Philosophy of Biology and Bioethics Contribute? 5 December 2001, Centre for Applied Ethics, University of British Columbia
- P152. Robert JS. Population Health and the Human Genome. 29 November 2001, Centre for Health Services and Policy Research, University of British Columbia
- P153. Robert JS. Methodological Consilience in Bioethics Research. 13 October 2001, *Canadian Bioethics Society*, Winnipeg
- P154. Vinci T, Robert JS. Aristotle and Modern Genetics. 26 May 2001, *Canadian Society for the History and Philosophy of Science*, Québec City
- P155. Robert JS. Ecoevodevophylontogeny: Synthesis for Its Own Sake? 16 March 2001, Department of Philosophy, McGill University
- P156. Robert JS. Interactions Within and Between Evolution and Development. 29 January 2001, Department of Philosophy, University of Western Ontario
- P157. Robert JS. Redeeming Russell (E.S. Russell, That Is). 25 May 2000, *Canadian Society for the History and Philosophy of Science*, Edmonton
- P158. Robert JS. Genuinely Synthetic Biology: On Development and the Modern Synthesis. 11 April 2000, *Biology, Philosophy, and Evolution Discussion Group (BiPED)*, Department of Philosophy, University of Western Ontario
- P159. Robert JS. Between Medical Hegemony and Genetic Reductionism: On the Complexity of Health. 29 May 1998, *Canadian Society for the History and Philosophy of Science*, Ottawa

- P160. Robert JS. Cellular Cells and Secular Souls: Notes on the Genetic Revolution. 19 April 1997, *Strategies of Critique XI*, York University (Toronto)
- P161. Robert JS. Disowning the Legacy of Malthus. 28 September 1996, *Legacies*, Nineteenth-Century Studies Group, University of Toronto

Invited presentations, Local/regional (academic/clinical)

- P162. Robert JS. Ethical Challenges in Primary Care. 3 May 2017, Western States Osteopathic Convention, Las Vegas.
- P163. Robert JS. Ethical Challenges in End of Life Care. 3 May 2017, Western States Osteopathic Convention, Las Vegas.
- P164. Robert JS. Stem Cell Snake Oil: What DOs Need to Know. 6 May 2016, Western States Osteopathic Convention, Las Vegas.
- P165. Robert JS. Human Research Protections: Where Law and Ethics Intersect. 8 September 2015, Phoenix VA Hospital.
- P166. Robert JS. Bioethics 101: What do ethics consultants need to know? *Arizona Bioethics Network* Webinar, 15 January 2015.
- P167. Robert JS. Professors as Professionals. Academic Senate Meeting, Arizona State University, 6 October 2014.
- P168. Robert JS. Teaching Ethics Across the Curriculum: *What? Why? How? Now?* School of Life Sciences, Arizona State University, 26 September 2014.
- P169. Robert JS. Integrity in Translational Neuroscience. Interdisciplinary Graduate Program in Neuroscience, Arizona State University, 4 September 2014.
- P170. Robert JS. How to Die in Arizona. *Arizona Bioethics Network* Webinar, 17 October 2013.
- P171. Robert JS. The Changing Face of the Physician-Patient Relationship. 15 October 2013, *ASU Colleges at Lake Havasu*.
- P172. Robert JS. Science and Its Monsters. 15 October 2013, *ASU Colleges at Lake Havasu*.
- P173. Calvelage V, Robert JS. Frameworks for Clinical Ethics Consultation: A Primer. *Phoenix Children's Hospital Ethics Committee*, 14 May 2013.
- P174. Robert JS. The Developmental Evolutionary Origins of Obesity in Science and Society. 10 September 2012, Judaism, Science, and Medicine Group, Arizona State University
- P175. Robert JS. Ethical Issues in Palliative Medicine and End-of-Life Decision-Making. 10 February 2011, GenLife Institute, Phoenix
- P176. Robert JS. Neuroethics 101. 24 September 2010, Neuroscience Grand Rounds, Barrow Neurological Institute, Phoenix
- P177. Robert JS. Technology and Human Enhancement: What's the Connection? 13 January 2009, Midwestern University, Glendale AZ
- P178. Robert JS. The Societal and Ethical Dimensions of Nanotechnology. 6 May 2006, Inaugural Emeritus College Symposium, Arizona State University
- P179. Robert JS. Brain Repair: Ethical, Clinical, and Social Issues. 19 April 2006, Barrow Neurological Institute, Phoenix
- P180. Robert JS. Gene Maps, Brain Scans, and Psychiatric Classification. 31 March 2006, Department of Philosophy, Arizona State University
- P181. Robert JS. Toxins, Genomics, and Ethics. 13 January 2005, College of Law, Arizona State University

- P182. Robert JS. Ethical and Conceptual Issues in Stem Cell Biology. 23 January 2004, Department of Biology, St. Mary's University, Halifax
- P183. Robert JS. Model Systems in Stem Cell Biology. 6 November 2003, Model Systems in Stem Cell Biology Workshop, Dalhousie University
- P184. Campbell R, Robert JS. The Structure of Evolution by Natural Selection. 28 February 2003, Department of Philosophy, Dalhousie University
- P185. Robert JS. Healthy Genomes, Healthy Folks? Public lecture, 22 November 2002, University College of Cape Breton
- P186. Campbell R, Robert JS. Confirming the Structure of Evolutionary Theory. 19 October 2002 (presented by R. Campbell), *Atlantic Region Philosophers Association*, University of Prince Edward Island
- P187. Robert JS. Robustness and Psychiatric Classification. 4 October 2002, Department of Philosophy, Dalhousie University
- P188. Robert JS. Evolutionary Theory in Developmental Context. 29 September 2001, *Atlantic Region Philosophers Association*, Mount Allison University
- P189. Robert JS. Universal Genetic Variability: Considerations of Justice. 7 September 2001, Department of Philosophy, Dalhousie University
- P190. Vinci T, Robert JS. Aristotle and Modern Genetics. 4 May 2001, Department of Philosophy, Dalhousie University
- P191. Robert JS. The Developmentalist Challenge to Genetics and Evolution. 12 January 2001, *Friday Informal Seminar Hour (FISH) Series*, Department of Biology, Dalhousie University
- P192. Robert JS. Disputes Over the Nature of Genuinely Synthetic Biology. 29 September 2000, Department of Philosophy, Dalhousie University
- P193. Robert JS. Demands for Inappropriate Treatment. Education Session. 22 February 1999, *Clinical Ethics Committee and Work Groups*, Hamilton Health Sciences Corporation
- P194. Boetzkes EA, Robert JS. Inclusive Health Ethics for Humans and Ecosystems: Reflections on the McMaster Workshop. 4 February 1999, *McMaster Institute of Environment and Health Seminar Series* (summary published in the *Women's Health Office Newsletter* [Faculty of Health Sciences, McMaster University], February 1999, pp. 5-7)
- P195. Robert JS. Thinking Differently About Philosophy. 30 January 1997, *Graduate Student Research Symposium*, McMaster University

Invited presentations, Local (community, selected)

- P196. Robert JS. The Promise of Stem Cell Research: Status, Ethics, and the Future. 1 November 2015, *Today's Jewish Woman Symposium*, Scottsdale AZ
- P197. Robert JS. Science and Its Monsters. 1 November 2015, *Today's Jewish Woman Symposium*, Scottsdale AZ
- P198. Robert JS. Forbidden Science: Are There Moral Limits to Biomedical Research? 8 November 2009, *Today's Jewish Woman Symposium*, Scottsdale AZ
- P199. Robert JS, Maienschein J. Stem Cell Research: What's the Fuss? 2 March 2009, Briarwood Country Club, Sun City West AZ

- P200. Robert JS. How Should We Teach Ethics in Medical School? 26 September 2007, The University of Arizona College of Medicine – Phoenix in Partnership with Arizona State University *Mini-Med School*.
- P201. Maienschein J, Robert JS. Stem Cells, Embryos, and Clones. 19 March 2007, Rio Verde Community Center, Rio Verde AZ
- P202. Robert JS. Forbidden Science – Boundaries on New Emerging Science and Technology. 22 October 2006, *Today's Jewish Woman* Symposium, Tempe AZ
- P203. Robert JS. Stem Cells: Clinical and Ethical Issues. 17 November 2005, Stem Cells and the Right to Do Research – Public Forum (Arizona Consortium for Medicine, Society, and Values), Phoenix
- P204. Robert JS. Controversial Science: The Case of Part-human Chimeras. 25 July 2005, Barrow Neurological Institute [Spirit of the Senses Medical Salon], Phoenix AZ
- P205. Maienschein J, Robert JS. Stem Cells and Cloning: What's All the Fuss? 4 March 2005, Engineers Club of the Sun Cities AZ

Poster presentations (selected, since tenure and promotion)

- PP1. Robert JS, Coleman D^o. Repairing the cell-transplant paradigm for Parkinson Disease: Science and ethics. June 2018, *International Society for Stem Cell Research*, Melbourne, Australia.
- PP2. Robert JS. Transparency in translation: What evidence do we really need at the bench to justify human studies? June 2014, *International Society for Stem Cell Research*, Vancouver BC
- PP3. Robert JS. The animal models and model animals debates in neuroscience: A comparative approach. October 2012, *Society for Neuroscience*, New Orleans LA
- PP4. Robert JS. Translational Research in Stem Cell Biology: How Can Bioethicists Help? June 2011, *International Society for Stem Cell Research*, Toronto ON
- PP5. Naufel S, Helms Tillery S, Robert JS. The Collaborative Neuroethics of Translational Research: Opportunities and Challenges. May 2011, *Brain Matters 2*, Montreal QC
- PP6. Robert JS, Helms Tillery S. Translational Neurotechnology: Ethical Challenges and Opportunities. October 2010, *World Congress of Neurotechnology*, Rome
- PP7. Robert JS. Bridging Gaps Between Models and Humans: The Value of Diversity and Variability. June 2010, *Genetics Society of America: Model Organisms to Human Biology*, Boston MA

ADDITIONAL RESEARCH EXPERIENCE

- **Institute for Humanities Research, ASU** (September 2015-May 2016) – Invited fellow, *Monsters and Monstrosities* Research Cluster
- **Assisted Human Reproduction Canada** (July 2011-February 2012) – Wrote a discussion paper, under contract, on ethical principles in the governance of assisted human reproduction in Canadian and global contexts
- **Assisted Human Reproduction Canada** (October 2009-January 2010) – Wrote a discussion paper, under contract, on the ethics of preimplantation genetic diagnosis in Canadian and global contexts

- **Marine Biological Laboratory Summer Seminar, Woods Hole MA (May 2008)** - Participated as a faculty member in a week-long history of biology workshop on “The Embryo Project” at the MBL
- **Visiting fellow, Konrad Lorenz Institute for Evolution and Cognition Research, Altenberg, Austria (July 2003)** - Awarded fellowship to conduct research in residence at the Konrad Lorenz Institute
- **Dibner Institute Summer Seminar, Marine Biological Laboratory, Woods Hole MA (May 2003)** - Participated in a week-long history of biology workshop on “Putting Humans into Ecology” at the MBL
- **Dibner Institute Summer Seminar, Marine Biological Laboratory, Woods Hole MA (May 2002)** - Participated in a week-long history of biology workshop on “The Business of Life” at the MBL
- **Dibner Institute Summer Seminar, Marine Biological Laboratory, Woods Hole MA (May-June 2001)** - Participated in a week-long history of biology workshop on the topic “From Embryology to Evo-Devo” at the MBL
- **McMaster Institute of Environment and Health (1997-1998 – Dr John Eyles)** - Research Assistantship, focusing on the relationship between bioethics and environmental ethics

GRANTS

Operating grants (current)

Helms Tillery, Stephen (PI), et al. My role: Co-investigator. “TENPO: Transdermal Electrical Neurostimulation for Performance Optimization”, Defense Advanced Research Projects Agency (~\$6M, 2017-2019). Goal: To develop “non-invasive” techniques for enhancing learning and cognitive performance, especially in soldiers. My role is to assess the ethical dimensions of the research protocols with rodents, swine, non-human primates, and humans, and to conduct a workshop exploring the ethical implications of warfighter optimization.

Operating grants (completed)

Shoveller JA (PI), Camargo KR, Cunningham-Burley S, Gilbert M, Kakoma J-BS, Robert JS (Co-PIs), “Population health ethics: Investigating the implications of 'targeting' socially-defined population subgroups to promote health”, Canadian Institutes of Health Research (\$189,428, 2012-2015 – no funds flowed directly to me due to CIHR regulations, though I played an active role in the research)

Shoveller, JA (PI), Gilbert M, Knight R, Potvin L, Robert JS (Co-PIs). Catalyst Grant: Establishing a New Research Agenda Regarding Population Health Ethics and Young People's Health (\$75,000; 2012-2014 – no funds flowed directly to me due to CIHR regulations, though I played an active role in the research)

Robert JS, Dyck Brian, JE (Co-PIs), “Bioethics Byplay? The Performances of Bioethics in the Public and Private Sectors”, Doctoral Dissertation Improvement Grant, National Science Foundation (\$11,249, 2010-2012)

Marchant G (Co-PI), Robert JS (Co-PI), “Biomarkers for Alzheimer's Disease: Defining Expert and Public Perceptions and Expectations,” ASU/Mayo Partnership for Collaborative Research Seed Grant (\$39,521; 2010-2011)

Robert JS (PI), “The Hows and Whys of Establishing New Model Systems in Biology and Neuroscience,” *National Science Foundation* (\$265,000; 2009-2011, NCE 2012)

Robert JS (PI), “Comparative Neurobiology, Model Organisms, and Understanding the Human Brain,” *The James S. McDonnell Foundation* (\$48,005; 2007-09 – NCE through 2010)

Guston D (PI), Poste G, Sarewitz D, Carlson M, Miller C (my role: senior personnel, theme leader), “NSEC: Center for Nanotechnology in Society at Arizona State University,” *National Science Foundation* (\$1,400,000/year; 2005-10)

Miller F, Giacomini M, Robert JS (my role: co-PI), “Re-Defining Disease: Mapping the Contours of Genomic Medicine,” *Canadian Institutes of Health Research - Institute of Genetics* (\$75,000; 2004-05; no funds flowed to me in the USA)

Robert JS (PI), “Conceptual and Bioethical Issues at the Intersection of Genomics, Developmental Biology, Ecology, and Health – III,” *Canadian Institutes of Health Research Operating Grant* (\$149,034; 2003-06; terminated in 2004-05 due to move to USA)

Baylis F, Robert JS (my role: co-PI), “Our Cells/Ourselves: The Ethics of Human Embryonic Stem Cell Research,” *Stem Cell Network* (\$161,240; 2003-05)

Robert JS, Baylis F (my role: co-PI), “The Model Systems Strategic Research Network,” *Stem Cell Network* (\$251,232; 2003-05)

Robert JS (PI), “Conceptual and Bioethical Issues at the Intersection of Genomics, Developmental Biology, Ecology, and Health – II,” *Canadian Institutes of Health Research/Institute of Genetics Operating Grant* (\$22000; 2002-03)

Robert JS (PI), “Conceptual and Bioethical Issues at the Intersection of Genomics, Developmental Biology, Ecology, and Health,” *Canadian Institutes of Health Research Operating Grant* (\$31,000; 2001-02)

Robert JS (PI), “Population Health and the Human Genome: Conceptual and Bioethical Issues,” *Associated Medical Services Bioethics Grant-in-Aid* (\$11,630; 2001-02)

Robert JS (PI), “Taking Development Seriously: Embryology, Epigenesis, and Evolution,” *Dalhousie University Research Development Fund Grant* (\$2,000; 2000-01)

Robert JS (PI), “Integrating Developmental, Evolutionary, and Molecular Biology: On the Significance of the Homeobox Genes,” *Social Sciences and Humanities Research Council of Canada Postdoctoral Research Allowance* (\$4,400; 2000-01)

Training grant

McDonald MF (PI; my role: co-investigator), “Ethics of Health Research and Policy Training Program,” *Canadian Institutes of Health Research* (First year: \$299,791; 2002-07; my role was interrupted as of August 2004 due to move to USA)

Salary grant

Robert JS (PI), *Canadian Institutes of Health Research New Investigator Award* (\$275,000; 2001-06; interrupted as of August 2004 with my move to ASU)

Other grants

- Maienschein J, Robert JS (PIs), “Reproductive Health Arizona (RHAZ)” Institute for Humanities Research, Arizona State University (\$8,526; 2016)
- Robert JS (PI), “How Can the Humanities Inform the Comparative Biology of Human Nature?” Institute for Humanities Research, Arizona State University (\$8,000; 2010-2011)
- Robert JS, Helms Tillery S (PIs), “Bioethics and Bioengineering Interdisciplinary Research Cluster,” Institute for Humanities Research, Arizona State University (\$1,000; 2006-07)
- Robert JS (PI), “Systems Bioethics – Seed Grant,” Institute for Humanities Research, Arizona State University (\$6,274; 2005)
- Robert JS, Sunderland M (my role: co-PI), “Neuroethics – Development Grant,” Initiatives Program, School of Life Sciences, Arizona State University (\$2,200; 2004-05)
- Baylis F, Robert JS (my role: co-PI), “Development grant: Braving the Brain - Neuroethics NET,” *Nova Scotia Health Research Foundation* (\$6,010; 2003-04)
- Robert JS (PI), “Genes and Human Behavior: Conceptual and Ethical Issues,” Workshop grant, *Canadian Institutes of Health Research* (\$5,000; 2003)
- Robert JS (PI), “Genes and Human Behavior: Conceptual and Ethical Issues,” Capacity Building Grant (for workshop), *Nova Scotia Health Research Foundation* (\$5,000; 2002)

ACADEMIC AWARDS AND HONOURS

Arizona State University

- Appointed: Lincoln Chair in Ethics, 2013
- Appointed: Franca Orefice Dean’s Distinguished Professor in the Life Sciences, College of Liberal Arts and Sciences, 2009
- Appointed: Lincoln Associate Professor of Ethics in Biotechnology and Medicine, 2009
- Designated: Tenure and Promotion Exemplar, Office of the Provost, 2008
- Promoted: Associate Professor, 2008
- Appointed: Member of the Consortium for Science, Policy, and Outcomes, 2005
- Nominated: Centennial Professorship, Associated Students of Arizona State University, 2005, 2013
- Nominated: Dean’s Distinguished Teaching Award, College of Liberal Arts and Sciences, 2005, 2013

Dalhousie University

- Social Science and Humanities Research Council of Canada Postdoctoral Fellowship, 2000-2001
- Honourary Killam Postdoctoral Fellowship, 2000-2001

McMaster University

- Social Science and Humanities Research Council of Canada Doctoral Fellowship, 1997-2000
- Canada-United States Fulbright Scholarship, 1998, held at The University of Chicago in 1999
- Ontario Graduate Scholarship, 1996-1997 (declined 1997-1998)
- Ashbaugh Fellowship and McMaster Graduate Scholarship, 1994-1995

Queen’s University

- Medal in Philosophy, 1994

Dean's Honour List, Faculty of Arts & Science, 1994, 1993
Arts & Science Undergraduate Society Scholarship in the Humanities, 1993-1994
Senator Frank Carrell Upper-year Scholarship, 1993, 1992

Essay Prizes

Dialogue Student Essay Prize, *Canadian Philosophical Association*, 2000
Peter Miller Student Essay Prize, *Canadian Society for the Study of Practical Ethics*, 2000
Student Abstract Prize, *Canadian Bioethics Society*, 1999
Student Essay Prize, *McMaster Institute of Environment and Health*, Workshop on "The Ethics of Human Health and Ecosystem Health", 1998
Peter Miller Student Essay Prize, *Canadian Society for the Study of Practical Ethics*, 1998

POSTDOCTORAL FELLOW SUPERVISION (Lincoln Center for Applied Ethics)

Valerye Milleson, PhD (2014-2015) – Teaching Ethics Postdoctoral Fellow
Erica O'Neil, PhD (2016-) – Community Engagement Postdoctoral Fellow
Nicki Piemonte, PhD (2015-2016) – Narrative Professionalism Postdoctoral Fellow

GRADUATE SUPERVISION (at ASU unless otherwise noted)

Director of Biology PhD dissertation

Jennifer Brian, *Corporate Bioethics* (2006-2012) – Barrett Honors Faculty Fellow, ASU
Stephanie Buchholtz, *Ethics in Genetic Testing* (2010-)
Devon Coleman, *Fecal Matter Transplantation: Science, Ethics, and Policy* (2017-)
Katherine Hunt, *Ethics in Genomic Counseling* (2009-2013) – Genetic counsellor, Mayo AZ
Nate Johnson, *Science and Human Nature* (2008-2013) – Assistant Professor, Northwestern U

Director of History and Philosophy of Science PhD dissertation

JJ Latourelle, *Moral Patients* (2013-)

Director of Biology MSc thesis

Katherine Brind'Amour, *Prenatal Health Care in Maricopa County* (2007-2009)
Tito Carvalho, *Interrogating ELSI* (2009-2012)
Mallory Feng, *Comparative Neuroscience* (2007-2008)
Brenda Flores, *Diabetes, Public Health, and Healthy Public Policy for Latinos* (2006-2008)
Hayley Ivins, *Women in Health Research* (2007-2008)
Katherine Liu, *Evolutionary Developmental Medicine* (2008-2010)
Richard (Tobie) Milford, *Narrative Medicine* (2008-2009)
Valerye Milleson, *Teaching and Learning Applied Ethics: Toward Best Practices* (2009-2014)
Catherine Min, *Neuroethics and Scientist-Ethicist Collaborations* (2010-2012)
Anjali Moorthy, *Surrogate Pregnancy: Ethics and Culture* (2010-2011)
Margaret Paul, *Children in Hospice* (2007-2008)
Stephen Ruffenach, *Global Bioethics* (2010-2011)
Jeremy Stoloff, *Negotiating Clinical Research: Advice for Small Businesses* (2006-2008)
Sarah Taddeo, *Neuroethics and the Law* (2012-2014)
Amanda Waddell, *Clinical Research Ethics in Transition* (2010-2012)

Grant Whitson, *Healthy School Lunches: Policy Analysis* (2013-2014)

Director of MA AEP | Biomedical and Health Ethics Applied Project

Hayley Anderson, Francisco Canales, Amanda Courtright, Mary Drago, Maggie Emmons, Beatrice Gordon, William Haeberle, Travis Kelner, Shaylona Kirk, Julie Leonard, Quihong Li, Heidi Pinyerd, Andrew Prindle, Hillary Roberts, Eric Rollman, Ana Ross, Karla Sakkijha, Cathleen Sperling, Albert Spurgeon, Krystal Tsosie, Nicholas Zautra

Member of MA AEP | Biomedical and Health Ethics Applied Project

Ibrahim AlSubaihi, Sujata Behara, Alex Feder, Julia Nieto, Cesar Vargas

Member of PhD dissertation committee

Mary Drago, *Health Equity, Ethics and Policy* (2012-2016)

Rod Knight, *Population Health Intervention Research* (University of British Columbia, Interdisciplinary Studies; 2011-2014)

Valerye Milleson, *Human Dignity* (Philosophy; 2010-2012)

Mary Sunderland, *Regenerative Biology* (2004-2008)

Karen Wellner, *Haeckler Diagrams* (2011-2014)

Member of MSc thesis committee

Jennifer Minneci, *Intelligent Design* (Biology; 2006-2008)

Stephanie Naufel, *Neural Prosthetics* (Bioengineering; 2010-2011)

Member of MNS committee

Alicia Sawyer, *Tuberculosis: Science, Ethics, and Public Health Policy* (2005-2006)

Member of Philosophy MA thesis committee (Dalhousie University)

Jeff Kirby, *Publicly Funded Health Research in Canada: A Just Cause* (2003)

Thane Plantikow, *Surviving Personal Identity Theory: Negotiating the Identity of Persons* (2003)

James Anderson, *Fool's Gold? Revising the Gold Standard in Clinical Research* (2002)

Heather Pessione, *North American Cultural Ambivalence Toward Mental Disability* (2001)

Jennifer L. Woodrow, *Socializing Evolutionary Epistemology* (2001)

UNDERGRADUATE SUPERVISION (at ASU unless otherwise noted)

Supervisor of Honors Thesis

Abel Aguirre, *Learning from Scribes* (with Jane Maienschein, 2011-2012)

Ryan Armstrong, *Defining Death* (2008-2009)

Corrine Bricher, *Pharmacogenomics in Action: The Challenge of Warfarin* (2010-2011)

Katherine Brind'Amour, *Prenatal Public Health Care in Maricopa County AZ* (2007-2008)

Kevin Chu, Ethics in Neuroprosthetics (with Casey Ankeny, 2015-2016)

Allison Hoynes O'Connor, *Animal Research Ethics* (with Ben Minter, 2009-2010)

Mitch Kohl, *Medical Malpractice Revisited* (2012-2013)

Kailey Love, *Conflicts of Interest in the Medical Device Industry* (2013-2014)

Kody Manke, *Against Compassionate Release* (2008-2009)
Rianna Mergens, *Pharmacists and Health Literacy* (2012-2013)
Anjali Moorthy, *AIDS Internationally* (with Joel Gereboff, 2009-2011)
Stephanie Naufel, *Neuroengineering and Personal Identity* (with Steve Helms Tillery, 2009)
Nicole Newkirk, *Creating Chimeric Embryos* (2007-2008)
Margaret Paul, *Children in Hospice* (2006-2007)
Viniti Parikh, *Organ Transplantation* (2016-2017)
Zachary Pirtle, *Democratizing Science* (2006-2007)
Erica Savarese, *Categorizing Autism*, (with Ben Hurlbut, 2012-2013)
Arielle Silverman, *Visual Restoration Therapy* (2006-2007)
Paulina Stefaniuk, *Medical Scribing* (2017-2018)
Christine Stevenson, *Students' Use of Prescription Stimulants* (with Jenny Brian, 2013-2014)
Brandon Tallman, *Ethical Management of Fibromyalgia* (with Jane Maienschein, 2013-2014)
Shaylynn Veeder, *The Bioethics of Cell-Free Fetal DNA Testing* (2013-2014)
Amanda Waddell, *The Ethics of Personalized Oncology Research* (2009-2011)
Grant Whitson, *Healthy School Lunches: Media Analysis* (2011-2013)
Robert Wood, *Accepting Realism* (Dalhousie, 2003)
Meghana Yanamandra, *The Problem of Obesity* (2013-2014)
Olivia Zoph, *The Neurobiology and Ethics of Placebos* (2010-2011)

Mentor for Senior Project

Amanda Aschieri, *Complementary and Alternative Medicine* (2008-2009)
Nicholas Canavas, *Communication Skills in Pharmacy Practice* (2009-2010)
Meghan Caudill, *Moral Shortcuts in Stem Cell Biology* (2006)
Ramona Chomor, *Regulating Tanning Salons* (2006)
Megan Dyer, *Quality of Death* (2007-2008)
Benny Esparra, *Medical Education* (2006-2007)
Alexandra Fulleman, *Prehealth Humanities* (2013-2014)
Kelsey Maloy, *Inventing ADHD* (2006-2007)
Cory Martinez, *Bioethics-and-Film-In-a-Box* (2007-2008)
Jessica Sargent, *Animal Assisted Therapy* (2012-2013)
Nicole Zeig, *Diet and Diabetes* (2013-2014)

Member of Honors Thesis Committee

Derrick Allen (2006), Jodi Baugh (2006), Ashley Beck (2007), David Cohen (2004), Jennifer Craer (2014), Mallory Feng (2007), Jeremy Greenberg (2006), Liz Harkin, (2009-2010), Byunghun Hyun (2011), Hayley Ivins (2007), Lauren Imbornoni (2009-2010), Rachel Lusk (2009), Sarah Lusk (2006), Kelly Malina (2008), Jennifer Minneci (2006), Joshua Niska (2009), Samuel Philbrick (2009-2011), Travis Powell (2007), Jennifer Prosser (2006), BJ Savitch (2005), Claire Sollars (2007), Nick Stygles (2009), Carlie Thompson (2013), Lucia de Vernai (2008)

TEACHING EXPERIENCE (since earning the PhD)

Arizona State University (School of Life Sciences)

Artificial Intelligence, Ethics, and Law, BIO 598/LAW 791 – Spring 2019 (co-taught with Spring Berman and Gary Marchant)

Neuroscience, Ethics, and Law, BIO 598/LAW 791 – Fall 2018 (co-taught with Larry Cohen)

Foundations of Bioethics, BIO 516 – Fall 2018

Artificial Intelligence, Ethics, and Law, BIO 598/LAW 791 – Fall 2017 (co-taught with Spring Berman and Gary Marchant)

Neuroscience, Ethics, and Law, BIO 598/LAW 791 – Spring 2017 (co-taught with Betsy Grey)

Foundations of Bioethics, BIO 516 – Fall 2016 (online)

How to Make Friends and Influence People – Ethically, LIA 194 – Fall 2016 (1 credit)

Neuroscience, Ethics, and Law, BIO 598/LAW 791 – Spring 2016 (co-taught with Betsy Grey)

Foundations of Bioethics, BIO 516 – Fall 2015 (online)

Foundations of Bioethics, BIO 516 – Spring 2015

Neuroscience, Ethics, and Law, BIO 598/LAW 791 – Spring 2015 (co-taught with Betsy Grey)

Applied Ethics and the Professions – Capstone – Spring 2014 (co-taught with Karin Ellison)

Bioethics in Film, BIO/HPS 394 – Spring 2014 (1 credit) (co-taught with JJ Latourelle)

Applied Ethics and the Professions – Capstone – Fall 2013 (co-taught with Karin Ellison)

Bioethics in Film, BIO/HPS 394 - Fall 2013 (1 credit)

Foundations of Bioethics, BIO 516 – Fall 2013

Applied Ethics and the Professions – Capstone – Spring 2013 (co-taught with Karin Ellison)

Bioethics, BIO 312 / PHI 320 - Spring 2013 (co-taught with Ben Hurlbut)

Bioethics in Film, BIO/HPS 394 - Spring 2013 (1 credit)

Foundations of Bioethics, BIO 516 - Spring 2013

Neuroscience, Ethics, and Law, BIO 598/LAW 791 – Spring 2013 (co-taught with Betsy Grey)

Responsible Conduct in Research: Animal Subjects, BIO 611 - Spring 2013 (1 credit; co-taught with Karin Ellison and Nate Johnson)

Animal Ethics, BIO/HPS 591 – Spring 2013 (co-taught with Zachary Goldberg)

Applied Ethics and the Professions – Capstone – Fall 2012

Philosophy of Biology, BIO/PHI/HPS 591 – Fall 2012 (co-taught with Rick Creath)

Bioethics in Film, BIO/HPS 394 - Fall 2012 (1 credit)

Foundations of Bioethics, BIO 516 - Spring 2012

Bioethics, BIO 312 / PHI 320 - Spring 2012 (co-taught with Ben Hurlbut)

Bioethics in Film, BIO/HPS 394 - Spring 2012 (1 credit)

Bioethics, BIO 312 / PHI 320 - Summer 2011

Foundations of Bioethics, BIO 516 - Spring 2011

Neuroscience, Ethics, and the Law, BIO 598 / LAW 791 (co-taught with Betsy Grey)

Bioethics, BIO 312 / PHI 320 - Spring 2011 (co-taught with Ben Hurlbut)

Advanced Bioethics: At the Beginning and End of Life, BIO 494/598 - Fall 2010

Bioethics in Film, BIO/HPS 394 - Fall 2010 (1 credit)

Biology and Society Lab, BIO 591 - Fall 2010 (1 credit; coordinated with Karin Ellison)

Research Prospectus Writing, BIO/HPS 598 - Fall 2010 (2 credits; co-taught with Jane Maienschein)

Foundations of Bioethics, BIO 516 - Spring 2010

Responsible Conduct in Research: Animal Research Ethics, BIO 591 - Spring 2010 (1 credit; co-taught with Karin Ellison and Ben Minter)

Bioethics, BIO 312/PHI 320 - Spring 2010 (co-taught with Jenny Brian)

Bioethics in Film, BIO/HPS 394 - Spring 2010 (1 credit; co-taught with Jenny Brian)

Life Sciences Career Paths, Behavior Genetics Breakout - Fall 2009

Bioethics in Film, BIO/HPS 394 - Fall 2009 (1 credit; co-taught with Jenny Brian)

Bioethics in Film, BIO/HPS 394 - Spring 2009 (1 credit)

Biology and Society Lab, BIO 591 – Fall 2008 and Spring 2009 (2 credits; co-ordinated with Andrew Hamilton)

Bioethics in Film, BIO/HPS/ASB 394 - Fall 2008 (1 credit; co-taught with Jameson Wetmore)

Nanotechnology, the Brain, and the Future, BIO 591 - Fall 2008 (3 credits; co-taught with Clark Miller)

Bioethics in Film, BIO 394/POS 394 - Spring 2008 (1 credit; co-taught with Clark Miller)

Bioethics, Policy, and Law Journal Club, BIO 591 - Spring 2008 (1 credit)

Nanotechnology and the Brain, BIO 499 research seminar – Spring 2008 (1 credit; co-taught with Clark Miller)

Developmental Anatomy, BIO 351 - Fall 2007: Responsible for four lectures on developmental biology, bioethics, and society (3 credits)

Bioethics in Film, BIO 394/PHI 394 - Spring 2007 (1 credit; co-taught with Andrew Hamilton)

Bioethics and the Brain, BIO 591/HPS 591 - Spring 2007 (3 credits)

Qualitative Research Methods for Biology and Society, BIO 494/591 - Spring 2007 (2 credits)

Bioethics in Film, BIO 394/PHI 394 - Fall 2006 (1 credit)

Bioethics, Policy, and Law Journal Club, BIO 591 - Fall 2006 (1 credit)

Developmental Anatomy, BIO 351 - Fall 2006: Responsible for four lectures on developmental biology, bioethics, and society (3 credits)

Public Health Ethics, Law, and Policy, HPS 394 - Fall 2006 (This standalone course also comprised the integrated seminar for the Medicine, Science, and Public Policy Learning Community, of which I was the Faculty Leader) (3 credits)

Bioethics, BIO 394/PHI 320 - Spring 2006 (3 credits)

Bioethics in Film, BIO 394/PHI 394 - Spring 2006 (1 credit)

Health Ethics, Law, and Policy, POS 394 - Fall 2005 (This standalone course also comprised the integrated seminar for the Medicine, Science, and Public Policy Learning Community, of which I was the Faculty Leader; the course was co-taught with Gary Marchant) (3 credits)

Bioethics in Film, BIO 494/HON 494/BIO 591 - Fall 2005 (1 credit)

Bioethics, BIO 394/PHI 320 - Spring 2005 (1 credit)

Genes, Stem Cells, and Justice, BIO 591/LAW 791/PHI 591 - Spring 2005 (co-taught with Joan McGregor) (3 credits)

Ethical Issues in the Biosciences and Biomedical Research, BIO 494/591 - Fall 2004 (co-taught with Joan McGregor) (3 credits)

Biology and Society, BIO 311 - Fall 2004: Responsible for four lectures on bioethics (3 credits)

The University of Arizona College of Medicine – Phoenix in Partnership with ASU

Scholarly Project Learning Community - Fall 2008-Spring 2010: This two-year, longitudinal course was required for all medical students, and provided formal instruction in research

design and research methods in a student-centred, active-learning modality (Class of 2012: 48 students)

Medicine and Society Theme - Fall 2008-Spring 2010: This theme, one of four in the College of Medicine – Phoenix curriculum, accounted for approximately 44-60 hours of instruction in Years 1 and 2, and then provided for occasional sessions and a series of electives in Years 3 and 4. Topics included medical humanities, medical ethics, medical professionalism, health systems and health services, health policy, and the history and philosophy of medicine (Class of 2011: 24 students; Class of 2012: 48 students)

Learning Community - Fall 2007-Spring 2008: This two-year, longitudinal course was required for all medical students. The course integrated core elements of medical humanities and behavioral and social sciences with issues in biomedical informatics, personalized medicine, public and population health, clinical practice, health systems and health services, and health policy *inter alia* (Class of 2011: 24 students; Class of 2012: 48 students)

Dalhousie University (Philosophy)

Philosophy of Biology, PHIL 3420/5420 and BIOL 3580 - Winter 2004

Ethics and Health Care: Patient Care, PHIL 2805 - Fall 2003

Philosophy of Science, PHIL 3670/5670 - Winter 2003

Understanding Scientific Reasoning, PHIL 2660 X/Y, Dalhousie Integrated Science Program - Fall 2002-Winter 2003

Philosophy of Science, PHIL 3670/5670 - Winter 2002 Humanities and Science, SCIE 1500 X/Y, Dalhousie Integrated Science Program - Fall 2001-Winter 2002

OTHER TRAINING ACTIVITIES

- Faculty member, Summer Institute, Population Health Intervention Research Network (PHIRNet), Canadian Institutes of Health Research, 2010-2013
- Faculty member, Summer Institute 2007, Institute of Population and Public Health, Canadian Institutes of Health Research, 2003, 2007

DEPARTMENTAL AND UNIVERSITY SERVICE

Senior Ethics Advisor to the University Provost, Office of the Provost, ASU, 2015-2018

(formerly Vice Provost for Ethics, 2015; Associate Vice Provost for Ethics, 2014-2015)

Member, Academic Senate Task Force on ACD 401 and 402, ASU, 2014-2015

Member, School of Life Sciences Philosophy of Biology Search Committee, ASU, 2014-2015

Member, Executive Committee, Human and Social Dimensions of Science and Technology PhD Program, ASU, 2007-2015

Co-Chair, University Senate Task Force on Institutional Ethics and Integrity, ASU, 2013-2014

Director of the Bioethics, Policy, and Law Program, School of Life Sciences, ASU, 2008-2013

Member, Appointments, Promotion, and Tenure Committee, Department of Basic Medical Sciences, The University of Arizona College of Medicine – Phoenix, 2009-2013

Member, School of Life Sciences Developmental Neuroscience Search Committee, ASU, 2012-2013
Member, Scholarly Project Peer Review Committee, The University of Arizona College of Medicine – Phoenix, 2012-2013
Director, Bioethics, Policy, and Law Program, Center for Biology and Society, School of Life Sciences, ASU, 2008- (co-director, 2007-2008)
Member, Undergraduate Programs Committee, School of Life Sciences, ASU, 2011
Member, Scholarly Project Director Search Committee, The University of Arizona College of Medicine – Phoenix in Partnership with Arizona State University, 2010
Member, School of Life Sciences Bioscience Ethics Search Committee, ASU, 2009-2010
Member, Institute for Humanities Research Advisory Council, ASU, 2007-2009
Member, School of Life Sciences Research and Training Initiatives Program Committee, ASU, 2004-2006
Member, School of Life Sciences Neurosciences Search Committee, ASU, 2005-2006
Member, Research Ethics Board, IWK Health Centre, Halifax, 2000-2004
Member, FGS Scholarship Committee, Dalhousie, 2003-2004
Member, FASS Unit Review Committee, International Development Studies, Dalhousie, 2002-2003
Member, FASS Advisory Committee for the Selection of the Co-ordinator for Canadian Studies, Dalhousie, 2001-2002
Member, Education Work Group, Clinical Ethics Committee, Hamilton Health Sciences Corporation, 1998-1999

PROFESSIONAL SERVICE

Ongoing

Member, Conflict of Interest Committee, Translational Genomics Research Institute (TGen), Phoenix, AZ, 2008-
Member, Editorial Advisory Board, *Biological Theory* (MIT Press), 2005-
Referee for many publications and presses, including *Bioethics*, *Biology & Philosophy*, Cambridge University Press, *Cell Stem Cell*, *Cellular and Molecular Life Sciences*, Columbia University Press, *Community Genetics*, *Developing World Bioethics*, *Environmental Health Perspectives*, *Environmental Values*, *Journal of Clinical Ethics*, *Journal of Medical Ethics*, *Jurimetrics*, *Kennedy Institute of Ethics Journal*, Oxford University Press, *Perspectives in Biology and Medicine*, *Philosophy of Science*, *Studies in History and Philosophy of Biological and Biomedical Sciences*, University of California Press, University of Chicago Press, Wiley Press, Yale University Press

Completed

Member, Ethics Committee, Hospice of the Valley, Phoenix, AZ, 2009-2017
Member, Bioethics Committee, Phoenix Children's Hospital, 2009-2015
Member, Academic Review Committee, *The Journal of Healthcare, Science, and the Humanities*, 2009-2015
Co-Editor, Philosophy of Biology, *Stanford Encyclopedia of Philosophy*, 2004-2014

Associate Editor, Public Health Ethics, *Canadian Journal of Public Health*, 2009-2014

Member, Population and Public Health Research Advisory Committee, *Secretariat on Responsible Conduct of Research* (Canada), 2012-2014

Member, Better Business Bureau of Arizona Business Ethics Awards Committee, 2014

Member, Advisory Board, *EthicsCORE: Collaborative Online Resource Environment*, University of Illinois at Urbana-Champaign (funded by the National Science Foundation), 2010-2012

Member, International Society for History, Philosophy, and Social Studies of Biology Nominating Committee, 2008-2010

Member and Ethics Designate, Institute Advisory Board, Canadian Institutes of Health Research-Institute of Population and Public Health, 2003-2009

Member, American Society for Bioethics and Humanities Program Committee, 2006-2008 (co-chair, 2007-2008)

Philosophy Subcommittee Chair, American Society for Bioethics and Humanities Program Committee, 2005-2006

Off-year Workshop Committee, International Society for History, Philosophy, and Social Studies of Biology, 2005-2006

Member, Canadian Institutes of Health Research-Canadian Lifelong Health Initiative ELSI Advisory Committee, 2003-2007

Member, Canadian Institutes of Health Research-Institute of Genetics New Principal Investigators Priority and Planning Committee, 2003-2007

Member, Canadian Institutes of Health Research-Institute of Genetics Voluntary Health Organizations Working Group, 2003-2004

Member, Novel Tech Ethics Research Team, Dalhousie University, 2002-2006

Member, International Society for History, Philosophy, and Social Studies of Biology Membership Development Committee, 2002-2003

Member, Canadian Institutes of Health Research Doctoral Fellowships “B” Peer-review Committee, 2001-2004

Member, Evolution Study Group, Dalhousie University, 2000-2004

Co-editor, Special issue (volume 18, number 2, 2003) of *Biology & Philosophy* on “Evolution and Development” (with S. Sarkar), 2001-2003

Convenor, International Workshop on “Genes and Human Behavior: Conceptual Issues”, Dalhousie, November 2002

Organizer, Symposium on “Environmental Genomics: Conceptual, Scientific, and Ethical Issues”, *American Society for Bioethics and Humanities*, Baltimore, October 2002

Organizer, Symposium on “Philosophical Perspectives on Ecology and Conservation Biology”, *Canadian Philosophical Association*, Toronto, May 2002

Co-editor, Special issue (volume 5, number 2, 2000) of *Ethics and the Environment* (with E. Boetzkes) 1999-2000

Updated July 2, 2018