

Adam Shriver

Curriculum Vitae

Phone: 1-515-236-1824

Email: adam.shriver@drake.edu

AOS: Ethics, Applied Ethics, Bioethics, Neuroethics

AOC: Philosophy of Mind, Philosophy of Well-Being, Philosophy of Cognitive Science

Current Academic Positions

Health and Wellness Research Fellow, The Harkin Institute, Drake University

Bioethics Instructor, Colorado University-Boulder, Department of Philosophy

Previous Appointments

Research Fellow, Wellcome Centre for Ethics and Humanities and Oxford Uehiro Centre for Practical Ethics, University of Oxford, 2018-2020

Postdoctoral Research Fellow, W. Maurice Young Centre for Applied Ethics
University of British Columbia, 2017

Postdoctoral Fellow in Advanced Bioethics at the Department for Medical Ethics and Health Policy and Visiting Fellow at the Center for Neuroscience & Society, University of Pennsylvania. 2013 – 2017

Postdoctoral Fellow in Philosophy and Neuroscience at the Rotman Institute of Philosophy and the Brain and Mind Institute at the University of Western Ontario, 2012-2013

Education

Washington University in St. Louis – PhD in Philosophy via the Philosophy-Neuroscience-Psychology (PNP) program, 2012

- Dissertation: *The Asymmetry Thesis: Pleasure and Pain's Radically Different Contributions to Well-Being* (Committee: John Doris (chair), Julia Driver, Carl Craver, Dan Haybron, Eric Brown, Simine Vazire)

Texas A&M University - M.A. in Philosophy

Iowa State University - B.A. in Philosophy

Teaching Experience-Primary Instructor

Agricultural Ethics	University of British Columbia 2017, 2021
Introduction to Ethics	Colorado University Boulder 2021, Rutgers 2015
Biomedical Ethics	Colorado University, Boulder 2020, Rutgers 2015
Philosophy of Mind	University of Western Ontario 2013
Biomedical Ethics	Washington University in St. Louis 2012
Inquires in Cognitive Science	UMSL 2011
Animal Ethics	Washington University in St. Louis 2009

Edited Book

Johnson, LS, Fenton, A, and **Shriver A** (2020) *Neuroethics and Nonhuman Animals*. Springer.

Journal Issues Edited

Special Issue on Bioethics, *International Laboratory Animal Research Journal* (Forthcoming in 2021)

Peer-Reviewed Publications

John T, **A. Shriver** (2021) "Report and Recommendations from the Neuroethics and Animal Research Workshop" *The International Laboratory Animal Research Journal*.

Moultrie, F, **A. Shriver**, C. Hartley, D. Wilkinson, A. Ewer, R. Rogers, E. Adams & R. Slater (2019) "A universal right to pain relief – balancing the risks in a vulnerable patient population" *Lancet Child and Adolescent Health* 3(2), 62-64.

Green, G., Hartley, C., Hoskin, A., Duff, E., **Shriver, A.**, Wilkinson, D. & Slater, R. (2019). Behavioural discrimination of noxious stimuli in infants is dependent on brain maturation. *Pain*, 160(2), 493.

Ritter C, **A. Shriver**, E. McConnachie, J. Robbins, M. Von Keyserlingk & D. Weary (2019) "Public attitudes toward genetic modification in dairy cattle" *PloS one*. <https://doi.org/10.1371/journal.pone.0225372>

McConnachie, E., Hötzel, M. J., Robbins, J. A., **Shriver, A.**, Weary, D. M., & von Keyserlingk, M. A. (2019). Public attitudes towards genetically modified polled cattle. *PloS one*, 14(5), e0216542.

Ferdosian H., LSM Johnson, J Johnson, A Fenton, **A Shriver**, J Gluck, (2019) "A Belmont Report for Animals?" *Cambridge Quarterly of Healthcare Ethics*,

Vol 29. No 1.

Aydede M. and **Shriver A.** (2018) “Recently introduced definition of ‘nociplastic pain’ by the International Association for the Study of Pain needs better formulation” *Pain*, 159(6), 1176-1177

Shriver A. & McConnachie E. (2018) “Genetically Modifying Livestock for Improved Welfare: A Path Forward” *Agricultural and Environmental Ethics*.
<https://doi.org/10.1007/s10806-018-9719-6>

Landi, M., **Shriver A.** & Mueller, A. (2015) “Consideration and checkboxes: incorporating ethics and science into the 3Rs.” *Journal of the American Association for Laboratory Animal Science*. 54(2):224-30.

Shriver A. (2014) “The Asymmetrical Contributions of Suffering and Enjoyment to Animal Welfare,” *Cambridge Quarterly on Healthcare Ethics*, 23(2):152-62.

Shriver A. (2014) “The Asymmetrical Contributions of Pleasure and Pain to Subjective Well-Being” *Review of Philosophy and Psychology*. 5:135-153.

Shriver A. (2009) “Knocking Out Pain in Livestock: Can Technology Succeed Where Morality has Stalled?” *Neuroethics* 2 (3):115-24.

Shriver A. (2006) “Minding Mammals” *Philosophical Psychology*, 19: 443-42.

Shriver A. and Allen C. (2005) “Consciousness Might Matter Very Much: Response to Peter Carruthers” *Philosophical Psychology*, 18: 113-22.

Book Chapters

Craig K & **A. Shriver** (Forthcoming in 2021) “Ethics of pain management in infants and children” *Oxford Textbook of Pediatric Pain, Second Edition*.

Shriver A. (Forthcoming in 2021) “A Welfarist Approach to Disenhancement in Nonhuman Animals” in B. Bovenkerk (ed.) *Animals in Our Midst*.

Shriver A. (2020) “The Role of Neuroscience in Precautionary, Probabilistic, and Precise Accounts of Sentience” in LSM Johnson, A Fenton, & A Shriver (eds.) *Neuroethics and Nonhuman Animals*. Springer.

Shriver A. (2019) “Genetic Engineering and Animals” in B. Fischer (ed.) *Routledge Handbook of Animal Ethics*. Routledge.

Shriver A. (2018) “The Unpleasantness of Pain For Humans and Other

Animals” in Bain, Brady & Corns (eds.) *Philosophy of Pain: Unpleasantness, Emotion, and Deviance*. Routledge.

Fenton A. & **Shriver A.** (2017) “Animal Minds” in Johnson LS & Rommelfanger K (eds.) *Routledge Handbook of Neuroethics*.

Shriver A. (2017) “Pain in Animals” in Andrews K and Beck J *The Routledge Handbook of the Philosophy of Animal Minds*.

Shriver A. (2014) “Would The Elimination of the Capacity To Suffer Solve Ethical Dilemmas in Experimental Animal Research?” invited chapter in Ohl F, Illes J, & Lee G (eds) *Ethics in Behavioural Neurosciences*.

Allen C, Fuchs P, **Shriver A.** & Wilson H. (2005) “Deciphering Animal Pain” in M. Aydede’s (ed.) *Pain: New Essays on the Nature of Pain and the Methodology of its Study*, p. 351-66.

Short Publications and Encyclopedia Articles

Shriver A. & E. Hutchinson (Forthcoming in 2021) “Introduction to Special Issue on Bioethics” *The International Laboratory Animal Research Journal*.

Wiech, K & **A. Shriver** (2018) “Cognition Doesn’t Only Modulate Pain Perception; It’s a Central Component of It” *AJOB Neuroscience* 9(3), pp 196-8.

Shriver A., Illes J., & Cabrera L. (2017) “Environmental Neuroethics: Bridging Environmental Ethics and Mental Health” *American Journal of Bioethics*. 17(9):26-27

Shriver A. & McConnachie E. (2017) “Genetic Engineering and Animal Welfare.” *The Encyclopedia of Food and Agricultural Ethics, Volume II*.

Shriver, A. (2016) “Cortex necessary for pain — but not in sense that matters” *Animal Sentience* 1(3), 27.

Johnson, S. & **Shriver A** (2016) “What can neuroscience contribute to the problem of neonatal pain?” *AJOB Neuroethics*: 7(2): W11-W12.

Buller T, Farah M, & **Shriver A.** 2014. “Guest Editorial: Neuroethics and Animals: Broadening the Focus” *Cambridge Quarterly on Healthcare Ethics*, 23:124-8.

Shriver A. (2014) “Animal Consciousness” – The SAGE Encyclopedia of Theory in Psychology.

Shriver A. (2014) “What We Can, And Cannot, Learn from a Neural Signature of Pain,” *American Journal of Bioethics-Neuroscience* 5(3):48.

Buckner C., **Shriver A.**, Crowley S., and Allen C. (2009) “How ‘Weak’ Mindreaders Inherited the Earth” *Behavioral and Brain Science*, 32: 140-41.

Book Reviews

Shriver A., Whalin L., Sato-Reynolds J. 2019. “Voracious Science and Vulnerable Animals: A Primate Scientist's Ethical Journey.” *Metapsychology Online Reviews*.

Shriver A., T. Ede, K. Mills & J. Sato-Reinhold (2018) “Pets and People: The Ethics of Our Relationships with Companion Animals”, *Anthrozoös*, 31:2, 265-267, DOI: 10.1080/08927936.2018.1439699

Shriver A. (2014) “Why Animals Matter: Animal Consciousness, Animal Welfare, and Human Well-Being,” *Environmental Ethics*, 36(2) 253-4.

Shriver A. (2006) “What Animals Want” *Anthrozoos*, 19(2).

Select Contributions to the Popular Media

“Not Grass-Fed, But At Least Pain-Free,” *New York Times* Invited Op-Ed, February 18, 2010

“Knocking Out Pain In Livestock,” *BBC Focus Magazine*, November 2009

“The NIH needs to review the ethics of research on primates” *Washington Post* Letter, September 2016

“Missing From NIH Primate Research Ethics Review: The Ethics” *Hastings Center Blog* January 2017

“Pain Free Meat,” Radio New Zealand, November 2009

Conferences and Invited Presentations - Highlights

“The Moral Significance of the Affective Dimension of Pain” International Association for the Study of Pain (IASP), Amsterdam, June 2021

“Nonverbal Assessment of Pain” American Society for Bioethics and Humanities (Online), October 2020

- “Research Ethics and the Non-Verbal Assessment of Pain” National Institute of Health Pain in Animals Workshop, Bethesda, Maryland, USA, Nov 2019
- “Interspecies Comparisons of Well-Being” Animals and Social Welfare Conference, Duke, North Carolina, November 2019.
- “Ethical issues in the conduct and publishing of placebo/no treatment pediatric pain research” Panel, International Symposium on Pediatric Pain, Basel, Switzerland, June 2019
- Nuffield Council on Bioethics fact-finding meeting on the use of genome editing to produce hornless cattle, London, May 2019
- “Is Hedonism a Version of Axiological Monism” Oxford Moral Philosophy Seminar, Oxford, UK, May 2018
- Rocky Mountain Ethics Conference, Boulder, CO, August 2018
- “Pain Affect in Biomedical Contexts” National Institute of Health Department of Bioethics, Washington D.C., October 2018
- “Ethical Considerations with Gene-Editing Biomedical Research on Marmosets” National Academy of Sciences ILAR Roundtable, Washington D.C., October 2018
- “Neuroscience and the Evaluation of Suffering” Rocky Mountain Ethics Conference Pre-Conference Workshop, Boulder, CO, August 2017
- “Searching for the Neural Biomarkers of Sentience” The American Society for Bioethics and the Humanities Annual Meeting, Houston, October 2015
- “Is Pain Asymbolia the Only ‘Genuine’ Sensory/Affective Pain Dissociation?” at The Pain Conference, University of Glasgow, June 2013
- “Neural Correlates of Suffering” Society for Philosophy and Psychology Annual Meeting William James Prize talk, Wake Forest, NC, 2005
- “The Neural Signature of Pain: What Should It Be Used For?” Washington State University, March 2017
- “The Asymmetrical Influence of Pleasure and Pain on Well-Being,” Distinguished Alumni Lecture at Texas A&M University, February 2013
- Wellbeing and Public Policy Conference, Wellington, June 2012

Additional Presentations:

- “Philosophical Perspectives on Octopus Sentience” American Psychiatric Association Annual Meeting, Los Angeles, 2021
- “Prioritising the Protection of Welfare in Gene-Edited Livestock” Oxford Prospects Program, Regents Park College, Oxford, Oct 2019
- “A Defense of (Sophisticated) Harm-Benefit Analysis” American Association of Laboratory Animal Science Annual Meeting, October 2019
- “A Welfarist Approach to Disenhancement in Nonhuman Animals” Animal Ethics in the Age of Humans. Blurring Boundaries in Human-Animal Relationships, Wageningen, Netherlands, April 2019
- “Pleasure and The Absence of Pain In Particular Moments” The Times of Our Lives: The Nature and Significance of Temporal Well-Being, Liverpool, UK, 2019.
- “The Moral Dimension of Pain” Pain, Affect, and Opioids Workshop, Vancouver, B.C. November 2018
- “Optimistic Bees and Anxious Fish: The Animal Sentience Debate” Panel at the Battle of Ideas, Barbican Centre, London, Oct 2018.
- “Artificial Meat” Forum for Philosophy Panel, London School of Economics, Oct 2018.
- “Comments on Varner’s *Personhood, Ethics, and Animal Cognition*” International Society for Utilitarian Studies Conference, Karlsruhe, Germany July 2018
- “What Can Human Lesion Studies Tell Us About the Role of the Cortex in Pain” UQAM Summer Workshop on Animal Sentience, Montreal, QC July 2018
- International Society for Utilitarian Studies Conference, Karlsruhe, Germany July 2018
- “Primate Research Ethics: A Philosopher’s Perspective” American Primate Veterinarian Annual Conference, Lost Pines, Texas, October 2017
- “Improving Upon the NIH’s Review of the Ethics of Primate Research” American Society for Bioethics and Humanities Annual Meeting, Kansas City, MO, October 2017
- “A Suffering-Centric Account of the Importance of Positive Emotions” World Congress for Alternatives to Animal Testing, Seattle, August 2017

- European College of Animal Welfare Conference, Cascais, October
- “Engineering Animals Minds?” Engineering and Animal Welfare Conference, Texas A&M University, May 2017
- “Ethics and the Functional Genomics Initiative” Washington State University, March 2017
- “Neuroscience Research and the Search for Sentience” 2016 Symposium on Multidisciplinary Research in Effective Animal Advocacy, Princeton, Nov 2016
- “Neuroethics and Animal Welfare” Invited Department talk at the University of British Columbia Centre for Applied Ethics, Sept 2016
 - Invited Department Talk at Penn State University, Dec 2016
- “The Role of Cognitive Science in Answering Foundational Questions for Effective Altruism” Effective Altruism Global Conference, Berkeley, August 2016
- “Animal Welfare: Defining the Terms” Animal Research Neuroethics Workshop, Philadelphia, June 2016
- “Informed Consent, Harm Reduction, and a Good Life” Workshop on Animal Research, Berlin Institute for Advanced Studies, April 2016
- “A Dilemma for Neural Signatures of Pain” Mid-Atlantic Bioethics Fellows Conference, Bethesda, MD April 2015
- “Challenges for Assessing Welfare in Large Animal Models” Public Responsibility In Medicine and Research IACUC Meeting, Boston, MA, March 2015
- “Is A Neural Signature Of Pain Relevant for Assessing the Quality of Life Of Behaviorally Unresponsive Patients?” The American Society for Bioethics and the Humanities Annual Meeting, San Diego, October 2014
- “Consciousness Across The Species: The Adaptive Value of Pain” Symposium at The Association for the Scientific Study of Consciousness, Brisbane, July 2014
- “Harm/Benefit Analysis in Animal Research” Public Responsibility in Medicine and Research IACUC Meeting, Denver, April 2014
- “The Neuroethics of Pain” Center for Neuroscience and Society’s Neuroscience Boot Camp, Philadelphia, August 2014

“Harmless Kidney Markets” Center for Medical Ethics and Health Policy Works
in Progress Series, Philadelphia, April 2014

“Lessons for Assessing Quality of Life in Advanced Dementia From
Philosophical Accounts of Well-Being” Quality of Life and Aging Annual
Meeting, December 2013

“What We Can, And Cannot, Learn From the Neural Signature of Pain”
Neuroethics Affinity Group Meeting at the American Society for Bioethics and
the Humanities Annual Meeting, Atlanta, October 2013

Comments on Beth Seacord’s “The Problem of Pain in Animals” at the Pacific
APA, San Francisco, 2013

“What Can Research on Nonhuman Animals Tell Us About the Unpleasantness
of Pain?” at the Pain and Animals Workshop, University of Glasgow, March
2013
- Animal Pain Workshop, York University, January 2013

“Unraveling The Mystery of Pain” Public lecture at the London, Ontario
Public Library, October 24, 2012

“The Asymmetry Thesis of Well-Being and Animal Welfare” The Minding
Animals Conference, Utrecht, Netherlands, July 2012

“The Affective/Sensory Pain Dissociation and the Problem of Evil” Invited talk at
Notre Dame Animal Suffering Workshop, South Bend, IN, April 2012

“Empathy and Rationalism” Gateway Graduate Conference, St. Louis, MO 2010 -
Southern Society for Psychology and Philosophy Annual Meeting, New Orleans,
LA, 2008

“Synthesis of Animal Ethics and the Philosophy of Pain” Pre-Conference
Workshop at the Society for Philosophy and Psychology Annual Meeting,
Bloomington, IN, 2009

“Minding Mammals” Neuroethics Lecture Series, University of Pennsylvania,
Philadelphia, PA, 2007

“Comments on Simon James’ Phenomenology and the Problem of Animals
Minds”, 2007 International Association for Environmental Philosophy
Meeting, Colorado

Interviews

Philosophers Chatting With Clinicians podcast, November 2019
BCTV, “A Close Up Look at Animal Welfare” September 26, 2016
The Sound of Science, September 11, 2009
New Hampshire Public Radio, September 10, 2009
New Scientist Magazine, September 2, 2009

Awards and Grants

William James Award for Best Graduate Student Paper for the Annual Meeting of the Society for Philosophy and Psychology, 2005

Humanities Knowledge Exchange Fellowship on “Evaluating the Ethics of State-Based Strategies for Reducing Per Capita Meat Consumption,” (PI) 2019. £10,000

Open Philanthropy Project Grant to host Respecting Sentience Post-Brexit Conference (PI), 2019. £5,217

Society for Applied Philosophy Grant to host workshop on Gene-Editing Livestock (co-PI with Katrien Devolder), 2019. £3,000

Genome BC Society Issues Grant to Study Public Attitudes towards Gene Editing to Improve Animal Welfare (co-PI with Daniel Weary), 2018-20. \$50,000

Pain BC Workshop Grant: “Nonverbal Assessment of Pain,” 2018. \$5,000

Pain BC Workshop Grant: “The Ethics of Pain,” 2018. \$5,000

Centre for Effective Altruism UK Grant to conduct a systematic review on the affective dimension of pain and its moral significance (PI), 2017 -2018. £20,000

Alternatives Research Development Foundation (ARDF) Grant to hold an Animal Research Neuroethics Workshop in June 2016 \$25,000

University of Pennsylvania School of Arts and Sciences Conference Support Grant for Animal Research Neuroethics Workshop in June 2016 \$5,000

Global Effective Altruism Travel Award, 2016

Symposium Travel Award for the Association for the Scientific Study of Consciousness, 2014

Teaching Neuroethics Fellowship, The University of Pennsylvania, 2013

Individual Travel Award for the Association for the Scientific Study of Consciousness, 2012

Travel Grant Award for the Southern Society of Philosophy and Psychology, 2007

Service to Profession

Co-Organized “The Ethics of Gene Editing Animals” Workshop with Katrien Devolder, Oxford, November 2019.

Co-Organized “Respecting Sentience Post-Brexit” Workshop with the RSPCA, London, May 2019.

Co-Organized “Pain, Affect, and Opioids” Workshop held in Vancouver, November 2018

Organized “Nonverbal Assessment of Pain” Workshop held in Vancouver, October 2018

Member of the Ethics Organizing Committee for the 2017 World Congress of Alternatives

Organized “Animal Research Neuroethics” Workshop held in Philadelphia, June 2016

Co-Founded the Animal Ethics Affinity Group for the American Society for Bioethics and Humanities

Proposed and Co-organized the first Mid-Atlantic Bioethics Fellows Conference in Bethesda, MD, 2015

Organized “Consciousness Across The Species: The Adaptive Value of Pain” Symposium for the 2014 Annual Meeting of the Association for the Scientific Study of Consciousness in Brisbane.

Co-organized pre-conference workshop on “Animal Neuroethics” at the 2009 Society for Philosophy and Psychology Annual Meeting in Bloomington, IN.

Reviewer for the *Synthese*, *Phil Quarterly*, *Philosophical Psychology*, *The Journal of Happiness Studies*, *The Journal of Agricultural and Environmental Ethics*, *Bioscience*, *Neuroethics*, *Animals*, Routledge publishing, and the Society for

Philosophy and Psychology annual conference.

Poster Presentations

“Report from the University of Pennsylvania Animal Neuroethics Workshop” with L.S. Johnson, 2016 International Neuroethics Society Annual Meeting, San Diego, CA.

***Winner Elsevier Poster Prize Award**

“What Can Neuroscience Contribute to the Problem of Neonatal Pain?” with L.S. Johnson, 2016 International Neuroethics Society Annual Meeting, Chicago, IL.

“The Neurobiology of Companionship” 2014 International Neuroethics Society Annual Meeting, Washington DC

***Winner Top 25 Abstract**

“Chronic Pain and Ill-Being” 2014 American Society for Bioethics and the Humanities Annual Meeting, San Diego

“Is Pain Asymbolia the Only ‘Genuine’ Sensory/Affective Pain Dissociation?” 2014 Society for Philosophy and Psychology Annual Meeting, Vancouver, BC

“What We Can, And Cannot, Learn From A Neural Signature Of Pain ” 2013 International Neuroethics Society Annual Meeting, San Diego

***Winner Top 25 Abstract**

“Is There A ‘Distinctive Common Quality’ In the Experience of Pleasure?” 2013 Association for the Scientific Study of Consciousness Annual Meeting San Diego

“Brain Imaging and Decisions About Life Sustaining Treatment” 2013 Canadian Association for Neuroscience Annual Meeting, Toronto, ON

“The Neuroscience of Wellbeing” 2008 Society for Philosophy and Psychology Annual Meeting, Philadelphia, PA

“Empathy and Rationalism” 2007 Society for Philosophy and Psychology Annual Meeting, Toronto, Canada

Contact Info for References: