

**PROF. SHANNON VALLOR**  
**CURRICULUM VITAE**

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**AREAS OF SPECIALIZATION**

AI and Data Ethics, Philosophy of Technology, Applied Virtue Ethics

**ACADEMIC APPOINTMENTS**

**Baillie Gifford Professor in the Ethics of Data and Artificial Intelligence**

University of Edinburgh, Dept of Philosophy 2020-present

**Regis and Dianne McKenna Professor**, Dept of Philosophy, Santa Clara University 2018-2020

**William J. Rewak Professor**, Dept of Philosophy, Santa Clara University 2016-2018

**Associate/Assistant Professor**, Dept of Philosophy, Santa Clara University 2006-2017

**SELECTED PROFESSIONAL APPOINTMENTS (CURRENT)**

Director, Centre for Technomoral Futures, Edinburgh Futures Institute (2020-present)

Oversight Board, Ada Lovelace Institute (2023-present)

Turing Fellow, Alan Turing Institute (2021-present)

Chair, AI and Data Ethics Advisory Board, University of Edinburgh (2020-present)

Steering Committee, One Hundred Year Study of AI (AI-100), Stanford University (2022-present)

Advisor, Research Data Scotland (2022-present)

Advisory Board, Scottish Biometrics Commissioner (2022-present)

National Statistician's Advisory Committee on Inclusive Data (2022-present)

Advisory Board, ORBIT-RRI, EPSRC, UK (2019-present)

**SELECTED PROFESSIONAL APPOINTMENTS (PAST)**

Chair, Data Delivery Group of Scottish Government (2020-2022)

Digital Ethics Expert Group, Scottish Government (2020-2022)

AI Ethicist and Visiting Research Scientist, Google (2018-2020)

President (2015-2017) & Board Member (2011-2019) Society for Philosophy & Technology

2019 Program Co-Chair, AI, Ethics and Society (AIES) Conference of AAAI

Program Committees, IJCAI 2023, AIES 2020-2023, FAccT 2021, SPT 2019-2021

Ethics Reviewer, NeurIPS 2023

**SELECTED GRANTS AND AWARDS**

UKRI AHRC BRAID (Bridging Responsible AI Divides) Programme 2022-2025

Principal Investigator and Co-Director, £3.8m

UKRI EPSRC Trustworthy Autonomous Systems, Responsibility Project 2022-2024

*'Making Systems Answer: Dialogical Design as a Bridge for Responsibility Gaps in TAS'*

Principal Investigator, £560K

UKRI EPSRC Trustworthy Autonomous Systems Governance and Regulation Node 2020-2023

Co-Investigator, £1.3m

Summer Institute in Technology Ethics, Templeton World Charity Foundation 2019-2022

Principal Investigator, \$234K

Covey Award, International Association of Computing and Philosophy 2022

World Technology Award in Ethics, World Technology Network 2015

## MONOGRAPHS AND EDITED VOLUMES

- ♦ *The AI Mirror: Reclaiming our Humanity in an Age of Machine Thinking*, Oxford University Press, 2024 (forthcoming).
- ♦ *The Oxford Handbook of Philosophy of Technology*, ed. Oxford University Press, 2021, 697 pp.
- ♦ *Technology and the Virtues: A Philosophical Guide to a Future Worth Wanting*. New York: Oxford University Press, 2016, 309 pp. hardcover, paperback, and e-book.

## SELECTED JOURNAL ARTICLES AND BOOK CHAPTERS

1. Artificial Intelligence and the Imperative of Responsibility. With Bhargavi Ganesh, in *The Routledge Handbook of Responsibility*, ed. M. Kiener (Routledge, 2023), 395-406.
2. Conitzer, V., Hadfield, G. & Vallor, S., Technical Perspective: The Impact of Auditing for Algorithmic Bias. 31 Jan 2023, *Communications of the ACM*, 66, p. 100.
3. Virtues in the Digital Age. In *The Oxford Handbook of Digital Ethics*, ed. C. Veliz, 2023. New York: Oxford University Press. <https://doi.org/10.1093/oxfordhb/9780198857815.013.2>
4. Liu, Y., Moore, A., Webb, J. & Vallor, S., Artificial Moral Advisors: A New Perspective from Moral Psychology. AIES '22: *Proceedings of the AAAI/ACM Conference on AI, Ethics, and Society*. Oxford, UK: Association for Computing Machinery, Inc, 436–445.
5. Smart, A., James, L., Hutchinson, B., Wu, S. & Vallor, S., Why Reliabilism is Not Enough: Epistemic and Moral Justification in Machine Learning. *AIES '20: Proceedings of the AAAI/ACM Conference on AI, Ethics, and Society*. Oxford, UK: ACM, Inc, 372-377.
6. Wallach, W. & Vallor, S., Moral Machines: From Value Alignment to Embodied Virtue. In *Ethics of Artificial Intelligence*, ed. M. Liao (New York: Oxford University Press, 2020), 383-412.
7. AI and the Automation of Wisdom. In *Philosophy and Computing: Essays in Epistemology, Philosophy of Mind, Logic, and Ethics*, ed. T.M. Powers (Cham: Springer, 2017), 161-178.
8. Bekey, G. and Vallor, S., AI and the Ethics of Self-Learning Robots. In *Robot Ethics 2.0: From Autonomous Cars to Artificial Intelligence*, eds P. Lin, R. Jenkins and K. Abney (New York: Oxford University Press, 2017), 338-353.
9. Moral Deskilling and Upskilling in a New Machine Age: Reflections on the Ambiguous Future of Character. *Philosophy and Technology* 28 (2015), 107-124.
10. Beyond Ordinary Givenness? Postphenomenology, Digital Imaging and Evidentiary Responsibility. In *Technoscience and Postphenomenology: The Manhattan Papers*. eds J.K. Berg Friis and R. Crease (Lanham, MD: Lexington Press, 2015), 19-38.
11. Armed Robots and Military Virtue. In *The Ethics of Information Warfare*, eds L. Floridi and M. Taddeo (Switzerland: Springer, 2014), 169-185.
12. The Future of Military Virtue: Autonomous Systems and Moral Deskilling in the Military Profession. In *2013 5th International Conference on Cyber Conflict (CyCon 2013)*, eds K. Podens, J. Stinissen and M. Maybaum (Tallinn: NATO CCDCOE, 2013), 471-486.
13. Flourishing on Facebook: Virtue Friendship and New Social Media. *Ethics and Information Technology*, 14(3) (2012), 185-199.
14. Carebots and Caregivers: Sustaining the Ethical Ideal of Care in the 21st Century.” *Philosophy & Technology* 24:3 (2011), 251-268. Reprinted in *Machine Ethics and Robot Ethics*, eds, W. Wallach and P. Asaro (New York: Ashgate, 2016)