Jacob VanDrunen

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Education

*Ph.D. Logic and Philosophy of Science. *University of California, Irvine.*
Emphasis in Biology and the Behavioral Sciences.

M.A. Philosophy. *University of California, Irvine.* 2023.

B.S. Computer Science. *University of California, Irvine.* 2020.
Cum laude. Phi Beta Kappa. Computer Science + Campuswide Honors.

Papers (order of acceptance)

(4) **VanDrunen, J.** and Herrmann, D. A. "Naturalizing natural salience." Forthcoming in *British Journal for the Philosophy of Science*.

(3) **VanDrunen, J.**, Nam, K., Beers, M., and Pizlo, Z. "Traveling Salesperson Problem with simple obstacles." *Computational Brain and Behavior* (2023).

(2) Herrmann, D. A. and **VanDrunen, J.** "Sifting the signal from the noise." Forthcoming in *British Journal for the Philosophy of Science*.

(1) Barrett, J. A. and **VanDrunen, J.** "Language games and the emergence of discourse." *Synthese* 200, 159 (2022).

Patent Publications

(1) Buibas, M., Quinn, J., Bapst, A., Khorsandi, R., Shah, N., **VanDrunen, J.**, Wildie, M., and Yousefisahi, S. "System that Performs Selective Manual Review of Shopping Carts in an Automated Store." US20210158430A1

Conferences

(3) **VanDrunen, J.** and Herrmann, D. A. "Naturalizing natural salience." *Philosophy of Science Association*, November 2022.

(2) Herrmann, D. A. and **VanDrunen, J.** "Sifting the signal from the noise" (workshop paper). *Emergent Communication Workshop at ICLR 2022*, April 2022.

(1) **VanDrunen, J.** and Pizlo, Z. "The effectiveness of Multidimensional Scaling in TSPs whose metric is not Euclidean" (poster). *Society for Mathematical Psychology*, July 2019.

Other Talks and Comments

"Forward-Looking Epistemology" (Social Dynamics Seminar; UC Irvine, October 2023)
Comments on Paul Rezkalla, "An Aristotelian Solution to Evolutionary Debunking Arguments" (SCP 45th Anniversary Meeting; Calvin University, September 2023)
"Equilibrium Selection in Reinforcement Learning" (Social Dynamics Seminar; UC Irvine,

October 2022)
"The Evolution of Cooperative Values" (Social Dynamics Seminar; UC Irvine, October 2021)
"The Evolution of Dialogue" (Social Dynamics Seminar; UC Irvine, November 2020)

Popular Philosophy

"A Christian's Take on Deepfakes" (Essay article in *New Horizons*; January 2024)

Teaching (all at UC Irvine)

Inductive Logic (Instructor; Fall 2023)

Critical Reasoning (TA)
Formal Logic (TA)
Critical Issues in the Social Sciences – Belief and Knowledge (TA; 2x)
Critical Issues in the Social Sciences – The Good Life (TA; 3x)
Sociology of Emotions (TA)

Service

Referee for journals *Philosophy of Science* and *Synthese*
UCI Graduate Conference in Philosophy (Referee; UC Irvine, Winter 2024)
TA Professional Development Program (Panelist; UC Irvine, Fall 2022)
Kent Johnson Memorial Teaching Workshop (Shadowee; UC Irvine, Fall 2022)

Industry Experience

Science Intern. *Accel Robotics Corp*. June 2020 – September 2020.
Software Engineering Intern. *Accel Robotics Corp*. July 2017 – September 2018.

Professional Affiliations

Philosophy of Science Association
American Philosophical Association, Pacific Division
Society of Christian Philosophers

References

Jeffrey A. Barrett
 Professor, Department of Logic and Philosophy of Science, University of California, Irvine.
 j.barrett@uci.edu
Zygmunt Pizlo
 Professor, Department of Cognitive Science, University of California, Irvine.
 zpizlo@uci.edu