

## **JEREMY HORNE, Ph.D.**

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<https://philpeople.org/> (under "Jeremy Horne")

**ORCID ID:** 0000-0002-9179-0815 **SCOPUS ID:** [7103005850](https://orcid.org/0000-0002-9179-0815)

### **AREAS OF SPECIALIZATION**

Logic (with course work in Symbolic Logic, Set Theory, Modal Logic, Social and Political Philosophy, History of Philosophy, and Philosophy of Education)

### **CURRENT RESEARCH INTERESTS**

- Validation of authentic human identity
- Recursion in three-dimensional binary space
- Organicity and consciousness in systems
- Cosmological and quantum semantics of binary logic
- Consciousness studies, particularly the structure, role, and philosophy of bi-valued logic in consciousness

### **PROFESSIONAL EXPERIENCE**

#### ***Current***

Semi-retired academician, researcher, and writer

#### ***Formerly***

- Chief Executive Officer – Inventors Assistance League - Science Advisor, Curriculum Coordinator, and consultant preparing patent documents
- Researcher/Consultant/Documentation Systems Developer – Linux and Microsoft documentation software, operating systems, some programming (FORTRAN, BASIC, C-shell), and other standard software applications – over 25 years technical writing experience
- RhinoCorps, Albuquerque, NM – contractor for White Sands Missile Range – April 2002 – 28 February 2009
- Academician - Independent researcher and writer
- Many adjunct faculty positions in Arizona, North Carolina, and California Subjects: various courses in philosophy (logic, ethics, and political philosophy) List provided upon request.

### **REPRESENTATIVE PUBLICATIONS**

Horne, J. (2025). Identification – The Essence of Education. *Journal of Systemics, Cybernetics and Informatics* 22(7), 93-99. <https://www.iiisci.org/Journal/SCI/FullText.asp?var=&id=SA551ZB24>

Horne, J. (2025). On the Ontological Notion of Education. *Journal of Systemics, Cybernetics and Informatics* 23(1). 16-24. <https://www.iiisci.org/Journal/SCI/FullText.asp?var=&id=EB129IG25>

Horne, J. (2025). The Notions of Education and Research. *Journal of Systemics, Cybernetics and Informatics* 23(1). 52-62. <https://www.iiisci.org/Journal/SCI/FullText.asp?var=&id=EB499HA25>

Alanis Urquieta, J. D., & Horne, J. (2025). The Philosophical Challenges of AI: Initial Considerations. In *Artificial Intelligence – COMIA 2025* (pp. 302-312). Springer. [https://doi.org/10.1007/978-3-031-97907-1\\_24](https://doi.org/10.1007/978-3-031-97907-1_24)

Horne, J. (2025). What Is Authentic Personal Identity? A Philosopher Asks Neuroscientists. *Journal of NeuroPhilosophy*, 4(2). <https://doi.org/10.5281/zenodo>

[A framework for personal identity location: The structural foundation of values](#). *Cognitive Neuroscience eJournal* 15(15), 20 August 2024

A framework for personal identity location: The structural foundation of values (July 26, 2024). Available at SSRN: <https://ssrn.com/abstract=4907825>

*Managing Complexity Through Social Intelligence* - released by Springer March 2023.

A Framework for Studying Consciousness. (2022) *Consciousness: Ideas and research for the twenty-first century*: 9(1), article 1.

From the *Journal of Systemics, Cybernetics and Informatics* [<http://www.iiisci.org/Journal/SCI/Home.asp>]:

- The Philosophy of Research (volume 17 - number 1 - year 2019, pages: 30-56)
- The Rigor of "Interdisciplinary" - (volume 18 - number 1 - year 2020, pages: 134-161)
- The Philosophy of Cybernetics - (volume 19 - number 4 - year 2021, pages: 128-159)

Social Implications of Big Data and Fog Computing. *International Journal of Fog Computing (IJFC)* 1(2), 2018 DOI: 10.4018/IJFC.2018070101

Optimizing library services - How Information Scientists Can Help Fix the Broken Peer Review Process". *Against the Grain*, February 2018, pp. 58-61

(2018). Philosophical foundations of the Death and Anti-Death discussion - *Death And Anti-Death set of anthologies*, Vol. 15 Ria Press (December 2017-January 2018)

(2018). Some considerations for what it means to be "fundamental". FXQI essay.

(2017). Editor, *Philosophical Perspectives of Order and Logic, a collection of articles to supplement logic textbooks*. Hershey, PA: IGI Global, 2017.

(2017). Big Data From A Logical Perspective. *Big Data Storage and Visualization Techniques*. Hershey, PA: IGI Global.

(2017). The Ontology of Randomness, appearing in *Encyclopedia of Information Science and Technology* (4th Edition). Hershey, PA: IGI Global.

(2015). A Philosophy of Learning. *The Journal on Systemics, Cybernetics and Informatics (JSCI)* 13(6).

(2015). Supercomputers: A Philosophy of their Language and Supercomputers: A Philosophical Perspective (two chapters). *Research and Applications in Global Supercomputing*. Hershey, PA: IGI Global.

A New Three Dimensional Bivalent Hypercube – simultaneous publication of two versions – *Alexandria Journal of Mathematics*, 2(1), June 2011 and *Neuroquantology*, (10)1, 2012.

Numerous articles on leadership, including, “The Philosophy of Leadership” - 2011 – present, <http://www.leadership-central.com/> - used in syllabus at the Sorbonne

(2011). Is Reality Digital or Analog?, FXQI Foundational Questions Institute, 8 February 2011 [<http://fqxi.org/community/forum/topic/862> ]

---numerous others ---

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## **OTHER PROFESSIONAL ACTIVITY**

- President-emeritus, Southwest Area Division, American Association for the Advancement of Science (AAAS)
- Presidente del Consejo Editorial, Revista Iberoamericana de Sistemas, Cibernética e Informática
- Visiting Professor, Department of Psychology, Universidad Juarez Estado de Durango, Durango, Mexico; Project: - Establishing Mexico-wide Consciousness Conference – Starting mid-March 2009
- Reviewer for several peer-reviewed publications
- A founder of original “Towards a Science of Consciousness” - Sierra Vista, AA - 1991

## **PROFESSIONAL ORGANIZATIONS**

- American Association for the Advancement of Science
- Bioelectromagnetics Society
- Union of Concerned Scientists
- International Institute for Informatics and Systemics

## **EDUCATION/HONORS**

- University of Florida, Gainesville, FL, Ph.D. in Philosophy
- Southern Connecticut State University, New Haven, CT, M.S. in Political Science
- Johns Hopkins University, Baltimore, MD, B.A. in International Relations
- Many graduate courses in political science

- Courses in fiber optics, optical network theory, auto technology, and corrections
- Phi Kappa Phi, National (Academic) Honor Society

## **CERTIFICATIONS**

- Arizona Community College Teaching - Philosophy/Social Science (Lifetime), Technical Writing
- California Community College Teaching - Government (Theory and Practice, Local and International)/Philosophy and Religion/Social Science/Automotive Mechanics and Related Technologies (Lifetime)

**Updated: 23 December 2025**