

Dan Lloyd

Thomas C. Brownell Professor of Philosophy, emeritus
Professor, Program in Neuroscience · Trinity College, Hartford CT 06106
dan.lloyd@trincoll.edu · danlloyd.online

EDUCATION

Columbia University

Ph.D. Philosophy 1983
Dissertation: *Picturing: The Aesthetics, Epistemology, and Ontology of Pictorial Representation*. Advisor: Arthur C. Danto.

Columbia University

M.A. Philosophy 1977

Oberlin College

B.A. English & Philosophy — Phi Beta Kappa 1975

BOOKS

Subjective Time: The philosophy, psychology, and neuroscience of temporality

Co-edited with Valtteri Arstila. MIT Press, 2014.

Radiant Cool: a novel theory of consciousness

MIT Press, 2004. ForeWord Magazine Book of the Year — Gold Medal, Philosophy. Translated into Italian (Sironi, 2006), Japanese (Kodansha, 2006), and Korean (forthcoming).

Minds, Brains, and Computers: Perspectives in Cognitive Science and Artificial Intelligence

Co-edited with D. Anselmi, W. M. Brown, K. Haberlandt, and R. Morelli. Ablex Publishers, 1992.

Simple Minds

A philosophical examination of scientific approaches to the mind and brain. Bradford Books / MIT Press, 1989.

ARTICLES & CHAPTERS

Centering the narrative: Dennett on the self

Philosophical Psychology, 39(3), 994–1008, 2025. doi: 10.1080/09515089.2025.2594678

Epistemic responsibility: toward a community standard for human-AI collaborations

Frontiers in Artificial Intelligence, 2025. doi: 10.3389/frai.2025.1635691

What is it like to be a bot? The world according to GPT-4

Frontiers in Psychology, 2024. doi: 10.3389/fpsyg.2024.1292675

The Musical Structure of Time in the Brain: Repetition, Rhythm, and Harmony in fMRI During Rest and Passive Movie Viewing

Frontiers in Computational Neuroscience, 2020. doi: 10.3389/fncom.2019.00098

Notes toward a theory of sensory-motor understanding

Interalia Magazine, December 2018. interaliamag.org/audiovisual/dan-lloyd/

Protention and Predictive Processing: The Wave of the Future

Constructivist Foundations, 13(1):408–409, 2017

Not-Quite-So Radical Enactivism

Constructivist Foundations, 11(2):361–362, 2016

Hearing, Seeing, and Music in the Middle

In *Philosophy of Mind and Phenomenology*, Dahlstrom, Elpidorou & Hopp, eds. Routledge, 2016, pp. 205–223

The Disunity of Time; Subjective Time: From Past to Future (both with Valtteri Arstila)

In *Subjective Time*, Arstila & Lloyd, eds. MIT Press, 2014, pp. 658–663 and 309–321

Creative Music Neurotechnology with Symphony of Minds Listening (with Miranda, Josipovic & Williams)

In *Guide to Brain-Computer Music Interfacing*, Miranda, Castet & Knapp, eds. Springer, 2014

The music of consciousness: Can musical form harmonize phenomenology and the brain?

Constructivist Foundations, 8(3):330–337, 2013

Time after time: temporality in the dynamic brain

In *Being in Time*, Edelman, Fekete & Zach, eds. John Benjamins, 2012, pp. 1–21

Neural correlates of temporality: Default mode variability and temporal awareness

Consciousness and Cognition, 21:695–703, 2012. doi: 10.1016/j.concog.2011.02.016

Many times over: A brief reply to Lee and Klineciewicz

Consciousness and Cognition, 21:711–712, 2012

Through a Glass Darkly: Schizophrenia and Brain Imaging; Is 'Cognitive Neuroscience' an Oxymoron?

Philosophy, Psychiatry, and Psychology, 18(4), 2011

Mind as music

Frontiers in Psychology, 2:63, 2011. doi: 10.3389/fpsyg.2011.00063

Grand challenges in theoretical and philosophical psychology

Frontiers in Theoretical and Philosophical Psychology, 1:9, 2010. doi: 10.3389/fpsyg.2010.00009

Functional Brain Imaging and the Problem of Other Minds (with Calhoun, Pearlson & Astur)

In *Theory of Mind and Literature*, Leverage et al., eds. Purdue University Press, 2011, pp. 259–273

Two cultures but one epistemology: novels and empirical science

Proceedings of the 11th ISSEI Conference, Helsinki, 2009

Aberrant 'default mode' functional connectivity in schizophrenia (with Garrity, Pearlson, McKiernan, Kiehl & Calhoun)

American Journal of Psychiatry, 164:450–457, 2007

Civil Schizophrenia

In *Distributed Cognition and the Will*, Ross & Spurrett, eds. MIT Press, 2007, pp. 323–348

Outsourcing the Mind (review of Clark and Noe)

American Scientist, 97:340–342, July–August 2009

Stream of Consciousness; The Fringe

Oxford Companion to Consciousness, Bayne, Cleeremans & Wilken, eds. Oxford University Press, 2009

When time is out of joint: schizophrenia and functional neuroimaging

In *Psychiatry as Cognitive Neuroscience*, Broome & Bortolotti, eds. Oxford University Press, 2009, pp. 173–192

His Last Postcard (short story)

SEED Magazine, 11:104–118, Fall 2004

More Than Meets the Eye (commentary)

Psyche, 2004

Functional MRI and the study of human consciousness

Journal of Cognitive Neuroscience, 14:818–831, 2002

Studying the mind from the inside out

Brain and Mind, 3:243–259, 2002

Terra cognita: From functional neuroimaging to the map of the mind

Brain and Mind, 1:1–24, 2000

Virtual lesions in the not-so-modular brain

Journal of the International Neuropsychological Society, 6:627–635, 2000

Popping the Thought Balloon

In *The Philosophy of Daniel Dennett*, Ross, Brook & Thompson, eds. MIT Press, 2000

Beyond 'the Fringe': A Cautionary Critique of William James

Consciousness and Cognition, 9:629–637, 2000

Consciousness: A Connectionist Manifesto

Minds and Machines, 5(2):161–185, 1995

Connectionist Hysteria: Reducing a Freudian Case Study to a Network Model

Philosophy, Psychiatry, and Psychology, 1(2):69–88, 1994

Mental Representation from the Bottom Up

Synthese, 70(1):23–78, 1987

The Limits of Cognitive Liberalism

Behaviorism, 14(1):1–14, 1986

Frankenstein's Children: Artificial Intelligence and Human Value

Metaphilosophy, 16(4):307–318, 1985. Reprinted in *Computers and Ethics*, Bynum, ed. Blackwell, 1985

Philosophy and the Sea Snail: Building Minds from the Bottom Up

MBL Science, 1(1):7–13, 1984

Additional commentaries in Behavioral and Brain Sciences (1983–2003) and other journals

EXHIBITIONS, INSTALLATIONS & PERFORMANCES

XXxXY, video — OHBM Annual Meeting, Montreal, 2020; FESTIYAQ, Madrid, 2020; Sigma Xi STEM Art & Film Festival, 2020

A Stillness of the Mind (with Tanya Dawe); *The Dendritic Arboretum* (with Amanpreet Badhwar) — OHBM Annual Meeting, Montreal, 2020

The Neuroanatomy Lesson, video installation — Science Gallery Rotterdam, 2020

Thinkerspace, permanent video wall installation — Innovation Hub, Hartford CT, 2020

Listening between your ears: Sonification and the dynamic brain — FESTIYAQ Madrid, 2020; RIT City Art Space, Rochester 2019 (jury choice award); Johns Hopkins, 2020

Parallel Play, video — Imagine Science Film Festival, New School, New York, 2019

Apart Together, video — OHBM, Rome, 2019

Music of the Hemispheres, video — Hemispheres ArtSci Exhibition, ETH Zurich, 2019

Digital photographic montages — Synkroniciti; LoosenArt, Rome; ViewArts Gallery, Old Forge NY (second prize); PH21 Photography Gallery, Budapest; Light Space & Time Online Gallery, 2019–2020

Rest/Full, video — CreateWorld 2018, Queensland College of Art; Australian Science Communicators, Sydney; Resting State Brain Connectivity Conference, Montreal 2018

Smart Patterns I / Smart Patterns II, video animation and sonification — Viten Filmfestival, Bergen 2017; SciArt Magazine 2017; Imagine Science Labocine 2016; Imagine Science Film Festival, Columbia University 2014; Londonewcastle Project Space, London 2013

User Illusion, video — SciArt Magazine, 2017

Writer, Lecturer, Narrator, Co-producer — *The Conscious Mind: A Philosophical Road Trip*, MOOC, TrinityX and edX, 2016

Producer & actor — *Shakespeare's King John*, dramatic reading, Watkinson Library, Trinity College, 2015

Brain animation in documentary *Alive Inside: A Story of Music and Memory*, dir. Michael Rossato-Bennett, 2014

A Sonic Tour of the Brain, sonification/installation — 'Brain Banquet,' Guerilla Science, London, 2014

Animation, Data & Analysis for *Symphony of Minds Listening*, composed by Eduardo Miranda, Ten Tors Orchestra, Peninsula Arts Contemporary Music Festival, Plymouth University UK, 2013

Re:Vision, A Symphony in Your Brain, video and music — State of Mind: A Consciousness Expo, Sackler Center, Brighton UK, 2012

Music of the Hemispheres I & II, composition and multi-media performance — Issue Project Room, Brooklyn NY, 2010 & 2011

Soundscape composition for Tony Oursler's video installation *Lock 2, 4, 6* — Kunsthau Bregenz, Austria, 2009–2010

Installation Editor — *Inside Out*, Correctional Art Program exhibition, Artworks Gallery, Hartford, 1993

GRANTS, FELLOWSHIPS & HONORS

Docent (Permanent Adjunct Professor), Department of Social and Moral Philosophy, University of Helsinki	2009–
Fulbright Fellowship — Lecture/Research Grant, Helsinki Collegium for Advanced Studies, University of Helsinki	2008
Howard Hughes Medical Institute Faculty Development Grant	2005
Kellogg Foundation Education Fund Project Award — joint research and teaching with Olin Neuropsychiatric Research Center	2005
ForeWord Magazine 'Book of the Year' — Gold Medal, Philosophy , for <i>Radiant Cool</i>	2004
Visiting Fellow, Helsinki Collegium for Advanced Studies, University of Helsinki	2003
New Perspectives in Functional Brain Imaging Research Award (fMRI Data Center & Journal of Cognitive Neuroscience)	2002
Trinity College Faculty Research Grants	1993, 1997, 2000
American Council of Learned Societies Fellowship	1990–91
Arthur Hughes Award for Special Achievement in Teaching , Trinity College	1990

Andrew W. Mellon Faculty Fellowship in the Humanities, Harvard University	1986–87
Society of Fellows in the Humanities, Cornell University (declined)	1986–87
American Council of Learned Societies Fellowship for Recent Recipients of the Ph.D. (declined)	1986–87
University of California Regents' Junior Faculty Fellowships	1984, 1985
NECUSE Grant for neuroscience course development (with Priscilla Kehoe, co-PI)	1993
Danforth Fellowship	1980–82
Chamberlain Fellowship	1980
Columbia University President's Fellowship	1975–77
Christopher Dahl Award (Best Oberlin Philosophy Essay)	1975

Updated May 2026 · danlloyd.online