

CHRISTOPHER LEE-JENKINS



ABOUT

Christopher Lee-Jenkins is an academic based in Washington State with a rich and varied background. Originally from Wyoming, he has lived, learned, and taught across the United States. He earned his PhD in mathematics in 2009, with a dissertation focusing on generalizations of Hamiltonian dynamics in dimension 4. Christopher has taught at various academic levels and institutions, leaving a tenured position to pursue broader vocations while still connecting deeply with his students.

His research interests lie in the applications of chain complexes, which describe interactions across different system levels, often thought of as dimensions. He employs Morse Theory and Graph Theory to study equilibria in dynamical systems, both smooth and discrete. His work spans pure mathematics to biodynamics, including studies on ecosystems and the evolution of conscious experiences.

Christopher's fascination with esotericism and ufology began with numerous mysterious experiences in his early childhood, including a vision of a half-face in the clouds and an encounter with an owl. His research covers various perspectives on these phenomena.

In his writings, Christopher explores themes such as the emergence of gravitation from exotic 4D spacetimes and other anomalous phenomena in math and physics. He enjoys discussing topics like the Banach-Tarski paradox and other mathematical curiosities.

Christopher is also a musician, currently touring and releasing albums with Portland's Kvasir and Wyoming's One Good Eye. He has also pursued solo projects like Leviathan Rise, with more to come.

He advocates for a shift from mere knowledge acquisition to the cultivation of wisdom, emphasizing the need to understand the "whys" of our systems and to analyze their meta-properties to guide us toward new ways of thinking. Christopher aims to share knowledge and curiosity, helping others to see the world through unique and surprising lenses.

CONNECT WITH CHRISTOPHER

Facebook: [ChristopherRaeLee](#)

Instagram: [trismegistus_bob](#)

YouTube: [Christopher Lee-Jenkins](#)

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GALLERY







PUBLICATIONS

- [The Topology of Awareness: Mapping the Holographic Terrain of Conscious Experience](#) (click for abstract)
- [The Rank of Recurrence Matrices](#) (click for abstract)
- [Toric Integrable Geodesic Flows in Odd Dimensions](#) (click for abstract)
- [Obstructions to Toric Integrable Geodesic Flows in Dimension 3](#) (click for abstract)
- [Folded Symplectic Toric Four-Manifolds](#) (click for abstract)

ESSAYS

- [The Alchemy of Choice: How the Axiom of Choice Transmutes Mathematical Reality](#) (click for GPT Summary)
- [Unraveling the Complexity of Food Webs: A Topological Approach](#) (click for GPT Summary)
- [Why is \$\pi\$?](#) (click for GPT Summary)
- [Mathematics Out of Reach: Math's hardest problem is impossibly easy to understand](#) (click for GPT Summary)

[Summary](#))

- [Morse Theory and the Geometry of Bioelectric Morphology](#) (click for GPT Summary)
- [Exotic Cosmos, Exotic Spacetime](#) (click for GPT Summary)
- [Technical Interlude II: Coordinate Boogaloo](#) (click for GPT Summary)
- [An Exotic Interlude: Witten's Construction](#) (click for GPT Summary)
- [Physics & 4D Exotic Smoothness](#) (click for GPT Summary)
- [Is Mathematics Physical in 4D?](#) (click for GPT Summary)

MUSIC

Explore Christopher Lee-Jenkins' musical projects:

- [Kvasir](#)
- [One Good Eye](#)
- [Leviathan Rise](#)

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