Praxis Science



Scientists building tech for science.

Praxis Science (PraxSci) is building a bridge between traditional science (TradSci) and tech-enabled decentralized science (DeSci).

(TradSci + DeSci) = PraxSci

Community First

PraxSci is designed to help the science community help humanity. We have put scientists as our top stakeholder from Day 1 and continually gather feedback from our growing community as a perpetual peer-review.

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Our community brings together researchers who we been displaced, disrupted or disheartened with the current state of science and its support. It gives them a virtual home where they can keep their important work going despite the curveballs life may throw their way. We've built this digital space where brilliant minds can connect, share ideas, and support each other through transitions—whether they're dealing with relocations, institutional changes, or other disruptions that might otherwise slow their research momentum.

Find more information about Terminus at terminus.praxisscience.com



figure 1 - Terminus

Science Forward

PraxSci builds on what has made science successful for hundreds of years. We use the core governance from TradSci while adapting it to correct problems and enable technology to bring it into the future.

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Decentralized Publications (dPub)

We are helping to facilitate the trend of increased multiorganizational publications, including unaffiliated scientists.
This can disintermediate to a degree both institutions and
labs/PIs to find a new homeostasis for optimizing scientific
output in an environment with increased unaffiliated and small
org affiliated authors working together. We don't seek to
increase the rate of publications, but to improve the quality,
comprehensiveness and complexity by facilitating the development
of rigorous, novel and impactful multi-party and multiperspective manuscripts across scientific fields.²

Evidence-based Tech

PraxSci tech is being designed with input from science and scientists. We focus on scientists' input and scientific evidence base that is critical for separating signal from noise in science.

Scientia machina

Scientia machina is a proposed conceptual framework for a technology-accelerated system of biomedical science. It identifies key layers of trust in the framework of biomedical science and explores how technologies and can be evaluated and

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in Systems Biology..³



figure 2 - Memento Discere

Integrative Roadmap

Phase 1 (Apr - May 2025): Terminus Launch

Phase 2 (Jun - Aug 2025): dPub Initiated

Phase 3 (Sep - Nov 2025): CoAuth - a community tool for dPub facilitation

Phase 4 (Dec 2025 - Mar 2026): The Invisible College, Decentralized (details coming soon)

Phase 5 (Apr - Aug 2026): Science Associates - Science Targeted Expert Model (STEM) Agents

Who We Are

Sean Manion, PhD

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tech sector to explore blockchain and artificial intelligence applications in science and medicine. He co-founded the section Blockchain for Science at the journal Frontiers in Blockchain in 2018 and co-authored the book Blockchain for Medical Research (CRC Press, 2020). He currently serves as adjunct faculty in the Psychology Department at Duquesne University and as co-editor of the section Systems Concepts, Theory and Policy in Biology and Medicine at the journal Frontiers in Systems Biology.

Kris Rockwell

Kris Rockwell works at the intersection of venture capital, technology, and non-profit initiatives. After spending over fifteen years in the eLearning field, he went on to lead the S. Kent Rockwell Foundation, supporting initiatives in conservation, entrepreneurship, and addiction recovery. He currently serves as Head of Product Development at Play Piper, Inc., an edtech company based in San Francisco, and is the founder of AoS Ventures, a Pittsburgh-based venture capital group focused on startups in AI, robotics, and blockchain. Kris also serves on the boards of the Bonefish & Tarpon Trust, the National Deer Association, The Kiski School, and the Minority Outdoor Alliance.

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^{1.} Praxis Science, "Terminus," Praxis Science, accessed June 19, 2025, https://terminus.praxisscience.com

^{2.} Hottenrott H, Rose ME, Lawson C. The rise of multiple institutional affiliations in academia. *J Assoc Inf Sci Technol.* 2021; 72: 1039–1058. https://doi.org/10.1002/asi.24472

^{3.} Manion ST (2025) Scientia machina: a proposed conceptual framework for a technology-accelerated system of biomedical science. *Front. Syst. Biol.* 5:1576989. doi: 10.3389/fsysb.2025.1576989



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