



Tim Gilheart

Executive Director of Research Infrastructure

Rice University

Rigor & Reproducibility Panel

(with David Haviland and Travis Moore)

Speaker Bio

Tim Gilheart is a seasoned leader in shared research facilities, bringing over two decades of experience in the physical sciences and operations management to his roles at Rice University. As the Executive Director of Research Infrastructure for the Office of Research, he oversees the administrative, operational, and strategic direction for multiple shared research facilities, including the Animal Resource Facility vivarium, the Research Support Shop machining facility, and the Shared Equipment Authority (SEA) core labs team consisting of 22 people and more than 150 advanced instruments across a dozen core labs.

Previously, he served as the Director of Operations for the SEA for over 2 years. Prior to that, he held the position of SEA Research Scientist and Nanofabrication Cleanroom Manager for 12 years, leading that core facility's team in supporting over 200 users. In this role, he collaborated on new cleanroom facility design and construction, doubling the number of users within three years. Prior to that, he held a teaching faculty appointment for 3 years in the Rice Physics and Astronomy department. Gilheart's academic background includes a PhD in Physics from Dartmouth College, with research on superconducting nanoscale devices for single electron detection. He began graduate studies in Applied Physics at Rice University, after completing his BS in Physics from Trinity.



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