

*undergrads  
welcome too!*

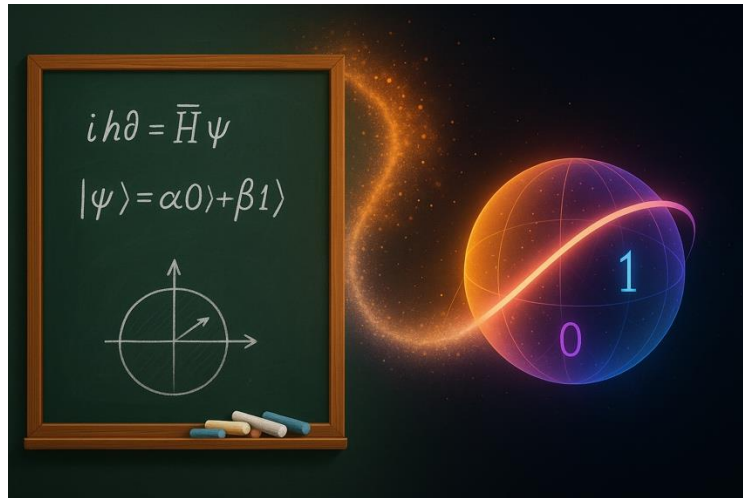


**QSI Seminar – Thursday, December 4, 2025**

12:00pm Physics Bldg. 401 (coffee/cookies 11:45am)

**“From Chalkboards to Qubits: The Past, Present,  
and Future of Quantum Education at UMBC”**

T. Pittman, S. Deffner, M. Mohammadisiahroudi, J. Webster, S. Lomonaco



This talk will provide an overview of the evolution of quantum information education in the United States—from its historical foundations to the rapid expansion of quantum-focused degrees and coursework following the rise of quantum computing in the 1990s. We will review the history of quantum teaching at UMBC, including several current quantum information courses, and highlight new offerings and educational trajectories being developed with support from the Quantum Science Institute (QSI). The talk will conclude with brief presentations on newly created courses and modules by five faculty members: Deffner and Pittman in Physics, Mohammadisiahroudi and Webster in Mathematics and Statistics, and Lomonaco in CSEE.



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