

COUNCIL ON TEACHING
Follow-Up Report for
Teaching in Higher Education Conference Award

Name: Adam Brummett

Department/Unit: Department of Chemistry

Conference Attended: The International Society for the Scholarship of Teaching and Learning 2025

Date of Conference: Nov 2-6, 2025

Award Amount: \$1500

Briefly summarize how your attendance at the conference enhanced your professional development and allowed you to gain a better understanding of teaching in your discipline or trends in higher education in general.

Attending ISSOTL 25 meaningfully enhanced my professional development by deepening my understanding of how teaching in higher education is evolving, particularly in response to artificial intelligence and shifting student engagement patterns. Sessions on AI literacy and disruption, academic integrity in the age of AI, and emerging work on feedback literacy helped me better situate my own teaching within a rapidly changing instructional landscape. Additional sessions on lecture attendance and motivation, as well as assessment practices related to student grit and engagement, provided research-informed perspectives that are directly shaping how I design learning activities, assessments, and feedback in my courses. Collectively, these experiences supported more intentional and evidence-based adaptations to my classroom practices during a period of significant pedagogical change.

How have you been able to share what you learned about teaching with your department, the University of Iowa, and/or beyond?

ISSOTL 25 also provided valuable opportunities to share and extend my work beyond my own courses. I presented my AI tutor intervention and received thoughtful feedback and practical suggestions through conversations with faculty across disciplines and institutions. These exchanges have already informed revisions to my approach and strengthened how I frame AI use as a learning support rather than a shortcut. I have begun sharing insights from the conference through informal discussions with colleagues and through ongoing teaching-related initiatives at the University of Iowa, particularly around AI-supported learning, assessment design, and feedback practices. The conference strengthened my ability to contribute to broader conversations about teaching and learning both within my department and across the institution.