



Northeastern University
*Center for Advancing Teaching and Learning
Through Research*

Teaching and Learning Scholars Application

Thank you for your interest in the CATLR AI in Teaching and Learning Scholars (ATLS) program. Please complete each of the following questions by **Friday, May 22 at 5:00 pm (ET)**. Awards will be announced in mid June.

Program Goals: The focus of the ATLS program is to build a community of faculty who will engage in systematic classroom-based inquiry in the Scholarship of Teaching and Learning (SoTL) or Discipline-Based Education Research (DBER). In 2026-2027, we invite applicants who are interested in investigating one or more of the following:

- AI-Enhanced Processes for Individualized Learning and Development
- Experiential Learning and Real-World AI Application
- Critical AI Literacies
- Human-Centered Pedagogy in AI-Enhanced Learning Contexts

NOTE: The ATLS Program is open only to full-time faculty who teach for-credit courses at Northeastern University. Scholars meetings take place virtually, and we welcome applicants from across all campuses in Northeastern's Global Network.

Identifying Information

First Name

Last Name

Email Address

Department

College

Job Title

I am a full-time faculty member who teaches for-credit courses at Northeastern University.

Yes

No

You will carry out your study in a course that you teach. Which of your winter/spring 2027 course(s) will lend themselves to a SoTL/DBER study?

Have you explored innovative uses of AI in your teaching and learning? If so, how? (250 words or less)

Have you conducted research, presented, and/or published on AI in teaching and learning? If so, please describe your work. (250 words or less)

We are interested in applications that address one or more of the following priorities for AI in teaching and learning.

- **AI-Enhanced Processes for Individualized Learning and Development**
 - Using AI tools to develop specific proficiencies and competencies (e.g., simulations, opportunities to practice key skills)
 - Investigating innovative uses of AI that are intended to help students increase their self-efficacy, motivation, engagement, and learning
 - Personalized AI supports that improve the learning experience and mitigate risks for all students, especially multilingual learners, international students, students with limited prior access to technology, and students with disabilities

- **Experiential Learning and Real-World AI Applications**
 - Integrating AI within community-engaged or industry-partnered projects
 - Co-creating AI tools or resources with students that address pressing needs of populations and communities beyond the classroom
 - Evaluating the impact of student-developed AI tools in applied contexts

- **Critical AI Literacies**
 - Systematic examination of teaching and learning strategies intended to cultivate AI literacies (e.g., data, ethics, judgment, creativity)
 - Collaborative approaches in which students and educators critically evaluate AI capabilities, limitations, and biases as they relate to course topics
 - Fostering responsible AI use and digital citizenship
 - Collaborating with students to develop publicly-shared resources for supporting and increasing AI literacy

- **Human-Centered Pedagogy in AI-Enhanced Learning Contexts**
 - Learning experiences in which interpersonal connectedness and care are motivating factors that influence students' decisions to use AI appropriately (e.g., teams, peer feedback)
 - Learning experiences where students connect with each other in ways that are exciting and offer opportunities to do things that matter to them within and beyond the classroom
 - Eliciting and integrating the student perspective on AI into a course (e.g., student-led focus groups, pre-course assignment design with students, co-creation of AI guidelines)
 - Examining the value of faculty-student relationships and mentoring

Which one(s) are most interesting to you? (check all that apply)

- AI-Enhanced Processes for Individualized Learning and Development
- Experiential Learning and Real-World AI Applications
- Critical AI Literacies
- Human-Centered Pedagogy in AI-Enhanced Learning Contexts

Please share 2-3 potential areas of investigation related to AI within your teaching context and the needs/challenges your work might address. (250 words or less)

Why do you think your potential areas of investigation are important to teaching and learning in the age of AI? How do you see them aligning with the priorities for the Scholars program? (250 words or less)

ATLS is a highly collaborative program. What do you think you would bring to, and how would you benefit from, the Scholars community of practice? (250 words or less)

Supporting Documents

Please attach a letter or email from your department chair indicating their support for your participation in this program *and* a copy of your CV in PDF or MS Word formats.

Please upload a letter or email of support from your department chair here:

Please upload a copy of your **CV** here:

Statement of Commitment

The CATLR Scholars Program consists of integrated components that take place from August 2026 to August 2027 and represent a significant commitment on the part of faculty participants. These components include:

- Attend a half-day kickoff gathering online in late August.
- Attend meetings online with fellow Scholars and the CATLR team during the academic year (60 minutes, every other week). Meetings also often involve pre-work, such as planning exercises and documentation of progress.
- Attend monthly buddy meetings with a CATLR team member to receive targeted support with data recruitment, literature review, and data collection.
- Complete human subjects research training to gain a certificate. Author and submit an IRB proposal for your project by the second week of November 2027.
- Use an online journal in Canvas to document and reflect on your work, receive/provide peer feedback, and store works-in-progress (private within the Scholars group).
- Conduct a systematic, evidence-based SoTL study of your students' learning in winter/spring 2027.
- Author an essay that shares your work publicly with the Northeastern community and share your work at CATLR's annual conference.
- Participate in CATLR events to share your insights and tips with other educators who are interested in learning about SoTL and conducting their own SoTL projects after completing the program.

By submitting this application, you indicate your commitment to actively participate in all activities that comprise the Scholars program.

I commit to actively participating in all components of the Scholars program

Powered by Qualtrics