

2024–25 CURRICULUM DEVELOPMENT GRANTS FOR YALE FACULTY IN STEM AND MEDICINE

**Complete the application form below and send it in an email with the subject line “Curriculum Development Grant Application” to [Liliana.Milkova@yale.edu](mailto:Liliana.Milkova@yale.edu) by 5:00 pm on September 23, 2024. Direct questions to the same address. Award notifications will be sent by/on September 27, 2024.**

Through a partnership between the Yale University Art Gallery and Yale’s Poorvu Center for Teaching and Learning and with the support of the Provost’s Office, Yale faculty in STEM fields and medicine are invited to apply for curriculum development grants of \$1,500 (awarded as research funds) *to develop at least one Gallery-based curricular session which focuses on cultivating advanced critical observational skills* (the ability to recognize, analyze and interpret the complex ways in which images convey meaning) or other skills or topics related to the faculty member’s teaching practice or discipline.

The goal of the grant program is to introduce faculty to the museum as a unique, multidisciplinary learning environment and equip them with visual-analytical tools and innovative pedagogies to apply in their own teaching and research. To this end, grant recipients will be required to:

- 1) attend a *two-hour pedagogy workshop* at the Gallery in October 2024 (date TBD)
- 2) to develop in consultation with Gallery staff a *one-page lesson plan* that is both specific to the Gallery visit (including a small selection of art works and activities/questions for in-gallery engagement and discussion) and can be applied more broadly (emphasizing the development of disciplinary skills or habits of mind such as critical observation skills, pattern recognition, emotional recognition, and empathy) across courses and can be utilized by other faculty
- 3) based on the developed lesson plan, *lead on their own* a museum session for a course they are offering in the 2024–25 academic year

Grant recipients will have the option to request an observation with feedback of their museum session.

**The grants are open to all Yale instructors of record in STEM and medical fields, including tenured and tenure-track faculty, clinical instructional faculty, lecturers, lectors, and part-time acting instructors (PTAIs) who are teaching in the 2024–25 academic year. Junior faculty are particularly encouraged to apply.**

*The 2024–25 Curriculum Development Grants for Yale Faculty in STEM And Medicine are generously supported through the Provost’s Office and the YangTse Foundation Fund for programs fostering the interdisciplinary appreciation of art and architecture across the academic curriculum.*

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## Application Form

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Name and faculty rank of applicant:

Department/Program:

Email address:

Course(s) taught in AY 2024–25 relevant to the grant: [Please include anticipated enrollments numbers]

Short narrative (150-200 words):

[Briefly outline how engagement with the Gallery collection can be beneficial to your teaching practice and to the ways students learn in your courses. See below for an overview of the Gallery's collection areas and exhibitions, and for examples of curricular connections.]

## Additional Information

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### Curricular Connections

**Astronomy and Physics** faculty bring their classes to the Gallery to think deeply about how humans across millennia and cultures have understood, grappled with, and represented different ideas and phenomena such as time and the cosmos, as well as to explore effective strategies for data visualization, artistic commentaries on commercial activities in space, and Space-Race propaganda. Faculty in **Medicine and Nursing** schedule sessions at the Gallery with different goals in mind, for example: practicing visual-analytical, listening, and communication skills; engaging in perspective-taking and nurturing empathy; cultivating emotional recognition; fostering connection-making; raising awareness of implicit bias; and better understanding of the role of the healthcare practitioner. **Public Health** faculty draw on the collection for content-related connections (for instance, the cultural specificity of disease as a concept and healing as a practice) to introduce the Gallery as a space for self-care and stress relief. **Environmental Studies** faculty bring students to the Gallery to practice strategies for close looking, to engage with representations of the natural environment, and to explore art's capacity to open up new questions and ways of thinking about course topics. For examples from **Biology, Chemistry, Computer Science, Geosciences, and Neuroscience**, watch the recording of the faculty colloquium *STEM in the Museum: Teaching Skills and Content through Art* here:

<https://www.youtube.com/watch?v=4goFc4fTELU>.

### Yale University Art Gallery Collection Areas

Founded in 1832, the Gallery is the oldest university art museum in America. The museum collects, preserves, studies, and presents art in all media, from all regions of the globe and across time, with holdings numbering more than 300,000 objects. To learn more about the collection, visit

<https://artgallery.yale.edu/overview-and-highlights>; to search the collection, visit

<https://artgallery.yale.edu/collection/search>.

### Current and Forthcoming Exhibitions

<https://artgallery.yale.edu/visit/exhibitions>

### Teaching with Collections

To learn more about Yale's extraordinary collections and their vast pedagogic potential, visit

<https://poorvucenter.yale.edu/strategic-resources-digital-publications/course-planning/teaching-collections>.