

Latham Science Engagement Initiative

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Faculty: <https://isa.uiowa.edu/people>

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The Latham Science Engagement Initiative provides the opportunity to engage highly talented undergraduate students across science disciplines in community outreach. The program enhances research opportunities for selected undergraduate students with the goal to position students with the scientific and creative abilities for graduate work.

The program prepares students to communicate science in the public sphere, work in interdisciplinary settings, and demonstrate the broader impact of scientific research. Students experience the strength of interdisciplinary interactions through exposure to research in other disciplines and work with students in other science majors on group projects. In addition, they develop fluency in communicating to a range of audiences in the community.

Students selected for the program complete two courses, design and implement an outreach project, and participate in an event that highlights their achievements.

The Latham Science Engagement Initiative is administered by the Iowa Sciences Academy in the Department of Biology. For additional information, contact the Latham Science Engagement Initiative Fellowship Program.

Admission

Students must apply for this program on the Latham Science Engagement Initiative website. Requirements include first-year, sophomore, or junior standing at the time of application; a grade-point average of at least 3.00; a minimum of one semester of undergraduate research experience preferred but not required; and an interest in speaking about science in a public forum.

Courses

Latham Science Engagement Initiative Courses

LATH:3000 Latham Fellows: Science Communication Skill Building **2 s.h.**

Provide Latham Fellows with various communication skills needed to explain scientific research to varied audiences.

LATH:3001 Latham Fellows: Science Outreach Project **2 s.h.**

Guidance to Latham Fellows as they implement one individual and one group project proposed the previous fall. Prerequisites: LATH:3000. Requirements: Latham Fellow standing.

LATH:4900 Science Communication and Engagement **0 s.h.**

Independent science outreach and engagement project through the Latham Science Engagement Initiative. Prerequisites: LATH:3000 and LATH:3001. Requirements: admission to the Latham Science Engagement Fellows Program.

LATH:4990 Science Communication and Engagement **1-3 s.h.**

Independent science outreach and engagement project through the Latham Science Engagement Initiative. Prerequisites: LATH:3000 and LATH:3001. Requirements: admission to the Latham Science Engagement Fellows Program.