

## Goals

- 1 Introduce faculty to metacognitive strategies that improve student identity and learning
- 2 Create classroom environments that encourage a sense of belonging and growth mindset
- 3 Increase faculty and student awareness about stereotype threat, gender bias, and the impact of societal stereotype

## Contact

**Dr. Elizabeth Hane**  
Leader, Classroom Practice Strand  
Associate Professor of Life Sciences, Associate Head of Thomas H. Gosnell School of Life Sciences  
[ehsbi@rit.edu](mailto:ehsbi@rit.edu)

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## Program Activities

- Faculty participate in a series of co-learning workshops, developed to encourage metacognitive practices in the classroom. Activities include demonstrating how to approach a given learning task, monitoring comprehension, and evaluating the progress toward the final completion of a task.
- Workshops run as a year-long cohort to encourage a sense of community for faculty to openly express concerns and questions.
- Faculty share information about discipline-specific metacognitive activities and form a peer-mentoring group to support one another through implementation.

## Cohort Objectives

- Create new guidelines and promote existing classroom materials that encourage student metacognition (critical awareness of one's thinking and learning process).
- Encourage faculty understanding of student identity and ways to instill in them a positive place in science.
- Support students in recognizing how disciplines connect (e.g. math concepts and physics).
- Increase faculty use of metacognitive approaches with intention, transparency and consistency.

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