

# Mathematics and Physics Seminar Series



# Announcing

A Seminar Presentation  
on Wednesday

March 4th, 2020

at 3:00 pm - 4:00 pm in

MAXCY 126

at The University of New Haven

## Fostering Mathematical Creativity in the Calculus Classroom

— **Houssein El Turkey, Ph.D.**

Assistant Professor of Mathematics  
Department of Mathematics and Physics  
University of New Haven

**Abstract:** The presentation will be an overview of an NSF funded project on fostering mathematical creativity in the Calculus classroom. As fostering students' mathematical creativity necessitates certain instructional actions, one of which is designing and implementing tasks that foster creativity, we draw on the literature to describe existing research-based features of tasks for eliciting student creativity, or creativity-based tasks, and provide suggestions for implementation of such tasks. I will then present some preliminary results from the project.

### Further Information

**Refreshments will be provided.** Refreshments are served starting at 2:45 pm. For further information, please contact Dr. Phanuel Mariano at the Department of Mathematics and Physics, [pmariano@newhaven.edu](mailto:pmariano@newhaven.edu).