



FOR IMMEDIATE RELEASE

NSF funded SIMIODE workshops in teaching differential equations with modeling

Cornwall NY USA, 15 March 2018

SIMIODE, with funding from the National Science Foundation, is sponsoring two, week-long workshops on using modeling in teaching differential equations and we invite you to join us.

SIMIODE – Systemic Initiative for Modeling Investigations and Opportunities with Differential Equations is an NSF funded, supporting community at www.simiode.org with resources for teaching differential equations through modeling and real-world situations. SIMIODE advocates and supports an inductive approach to learning differential equations through context with the use of Modeling Scenarios.

We offer two types of workshops and invite you to consider joining us – MINDE for practitioners who are teaching and want to use modeling in their differential equations courses and DEMARC for colleagues who want to develop modeling materials for peer-reviewed, online publication at SIMIODE.

MINDE -- Model INstructors in Differential Equations Workshop, 22-28 July 2018 at Manhattan College, Riverdale NY USA. This is a Practitioner Workshop for applicants to participate in a challenging and invigorating faculty development opportunity to enhance their teaching of undergraduate differential equations in a modeling-first approach. Room and board is provided and there is a \$300 registration fee. Those selected to participate will actively engage to enable them to incorporate curricular materials and pedagogies using modeling to motivate learning differential equations in context with their students after the workshop. Contact Director@simiode.org to register your interest and details will follow. The workshop is limited to 20 participants. Apply with the information found at <https://www.simiode.org/nsfpracworkshop> .

DEMARC -- Differential Equations Model And Resource Creators Workshop, 15-21 July 2018 at Manhattan College, Riverdale NY USA. We invite qualified applicants to participate in a challenging, invigorating, supportive, and innovative faculty development opportunity to create new curricular materials that enhance the teaching and learning of undergraduate differential equations in a modeling-first approach. Those selected to participate will be “Differential Equations Model And Resource Creators,” or DEMARC Fellows and receive their transportation, room and board, and modest stipend. During the workshop, DEMARC Fellows will create application modules and related documentation which they will submit to the double-blind, peer-reviewed process for publication in SIMIODE. Apply with the information found at <https://www.simiode.org/nsfdevworkshop> .

Comparable workshops will be held in summer of 2019 and 2020, and beyond.

Bring a non-participant guest for New York City at only \$48/night. For both workshops single rooms with shared baths, in a modern air-conditioned dormitory, will provide a comfortable setting. Participants may elect to bring partner, spouse, or colleague as a non-participant for the second bed in the room for \$48/night. The workshop will take a break on Wednesday afternoon and evening for afternoon and evening on the town! Located at the end of the 1 Line of the subway, Manhattan College is in a beautiful campus setting in the Bronx with ready access to all the cultural possibilities of the New York metropolitan area.

We look forward to hearing from you or your colleagues, for we ask you to pass along this message to those you believe might like to engage. If you have any questions you may direct them to Director@simiode.org. Thank you.

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