



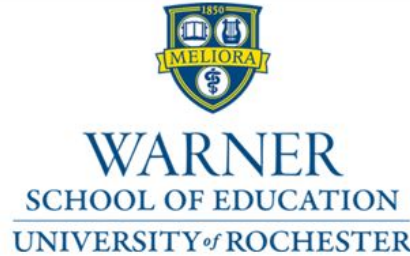
# NORTHEAST NOYCE PROFESSIONAL LEARNING NETWORK



Teacher Leader Cadre Program

## Overview

Supporting Master Teaching Fellow Alumni in expanding their sphere of influence to support retention, persistence, and success of early career STEM teachers  
2023-2026



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# Overview

This 3-year **online** program is designed to support MTF alumni in expanding their sphere of influence to reach early career STEM teachers located in the Northeast through structured professional learning activities.

## Three-year program overview:

- **Year 1** - Prepare to lead professional learning through Video Clubs, Professional Learning Communities (PLCs), and Coaching, and attend/present at the Northeast Regional Noyce Conference in Boston
- **Years 2 & 3** - Facilitate Video Clubs, PLCs, and/or coach early career STEM teachers
- **Year 3** - Attend and present at the Northeast Regional Noyce Conference in Philadelphia

# Participants Commitments

- Participate in all 3 years of the program
- Attend Monthly Leadership Seminar Meetings (on zoom)
- Facilitate Professional Learning, such as:
  - Presenting at the Regional Conferences
  - Video Clubs
  - Professional Learning Communities
  - 1:1 Coaching of early career STEM teachers

***\* A stipend will be provided for attending leadership seminar meetings and each professional learning experience facilitated.***

# Benefits of the Program

- Earn up to \$2000 per year in stipends
- Opportunities to enact leadership beyond your Noyce MTF program
- Continued participation in the Noyce Community
- Build connections with other Noyce participants in the Northeast Region to partner for justice and and through STEM education
- Share your knowledge, skills, and practices with early-career STEM teachers that could greatly benefit from your experiences.

# Monthly Leadership Seminar

- Synchronous online Zoom sessions
- Spring 2024 sessions will take place from 4:00pm to 6:00 pm on the following dates: 2/27, 3/19, 4/23, 5/21, and 6/18
- Engage in activities to build on your Noyce teacher leadership training and experience to focus on
  - Facilitating of Video Clubs and/or Professional Learning Communities
  - Developing effective professional learning sessions for the Northeast Regional Conferences
  - Advancing coaching skills using defined coaching frameworks

# Attend & Present at the Northeast Noyce Regional Conferences in Boston (2024) and Philadelphia (2026)

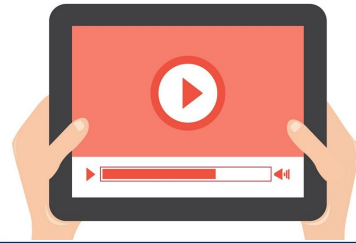
“Sharing Teacher Knowledge: Voices from the Field about the Future of STEM Education”

As a Cadre member, you will:

- Propose and Facilitate Conference Breakout Sessions for Noyce Scholars and Teachers
- Engage in collaborative conversations in an innovative table discussion format

# Hosting Video Clubs

- Video clubs are intended to provide STEM teachers an opportunity to:
  - Make sense of pedagogical strategies and student thinking by noticing and interpreting interesting moments from authentic classroom practice
  - Grow their understanding of reform-minded STEM teaching and learning.
- Each video club will have 4 teacher participants



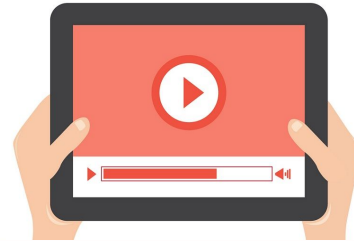


# Hosting Video Clubs

## As a Cadre member, you will:

- Propose and offer a Video Club to the Noyce STEM teaching Community over Zoom
- Choose specific topics that are either relevant to a specific content area or generalizable to pedagogical practices
- Engage participants in reflective practice related to pedagogical practices and student thinking

[Learn More about Video Clubs Here](#)



# Professional Learning Communities (PLCs)

- PLCs are intended to provide STEM teachers an opportunity to enhance teaching practices to improve student learning.
- Each PLC will have 4 teacher participants
- PLCs will be organized specific to grade bands (eg. elementary, middle school, high school) and to specific content (eg. respiration, modeling with mathematics, interpreting linear models).



# Professional Learning Communities (PLCs)

- **As a Cadre member you will:**
  - Propose and offer one PLC per year on Zoom
  - Choose topics that maintain a focus on teaching practices (focuses on justice centered and culturally responsive STEM teaching practices will be encouraged)
  - Engage participants in productive and collaborative conversations to enhance teaching practices to improve student learning

[Learn More about PLCs Here](#)



# 1:1 Coaching for Early Career STEM Teachers

- 1:1 Coaching is intended to
  - provide early career STEM teachers to seek additional support to translate new understandings into practice.
  - Support the Noyce Professional Learning Network participants to find this additional support through our other professional learning opportunities (Video Clubs, PLCs, and regional conferences)
- **As a facilitator, you will:**
  - Provide up to 8 hours of virtual 1:1 coaching per year



# Next Steps

1. Check out our website at:  
<https://www.rochester.edu/warner/center/teacher-leader-cadre/>
2. Join our information list
3. Optional: Sign up for an individualized information session ([Click here](#))
4. Apply!





# NORTHEAST NOYCE PROFESSIONAL LEARNING NETWORK



Teacher Leader Cadre Program

Have specific questions?

Contact: Angela Messenger  
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