

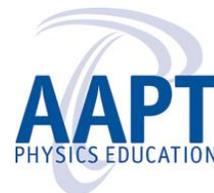
# Professional Development Programs for TYCs: New Faculty and DEI

Kris Lui, OPTYCs Program Director

Sherry Savrda, Dwain Desbien, Bob Hilborn, Rachel Ivie

Chesapeake Section of AAPT (Delaware State University, Dover, DE) – Spring 2024

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**OPTYCs**



# The Organization for Physics at TYCs

- NSF grant (#2212807): July 1, 2022 – June 30, 2026
- \$3 million to create and sustain a national community
- AAPT is the fiduciary agent
  
- 4 co-PIs + 9 Program Coordinators
- 5 Advisory Board Members
- External Evaluation Team (Goshen)



We envision  
a future in which  
TYC physics  
faculty and students  
**THRIVE.**

TYC faculty are embraced within and empowered by an inclusive national physics community.

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TYC students experience excellent evidence-based physics instruction which prepares them for their future endeavours.

# Our Programs & Deliverables

## On-Going Programs

- Professional Development Workshops
- PER Translation & Facilitation
- Mentoring & Networking

## Cohort Programs

- New Faculty Development Series
- Leadership Institute
- Diversity, Equity, and Inclusion Capacity-Building Program

## Special Projects

- Tandem Meetings
- TYC Program Guidelines
- AIP Survey
- Digital Library & Archive



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# New Faculty Development Series

# New Faculty Development Series

## Goals:

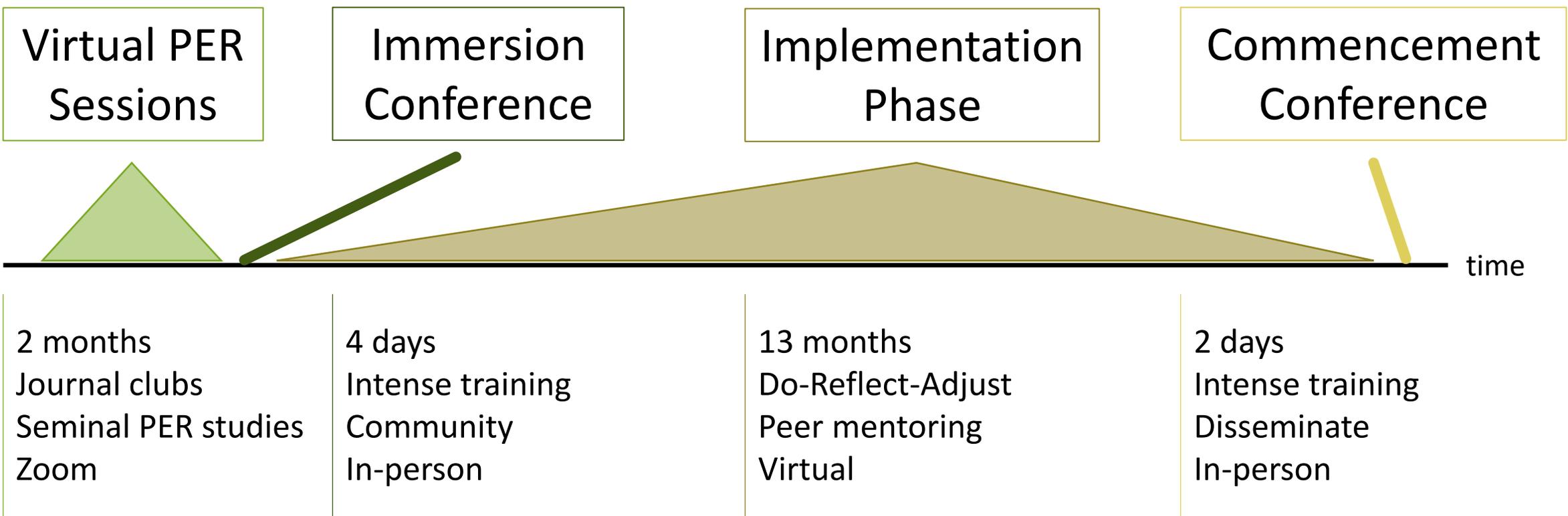
- To provide transformative training in teaching excellence
- To create a long-lasting peer network

## Model: New Faculty Training Experience (2012-2017)

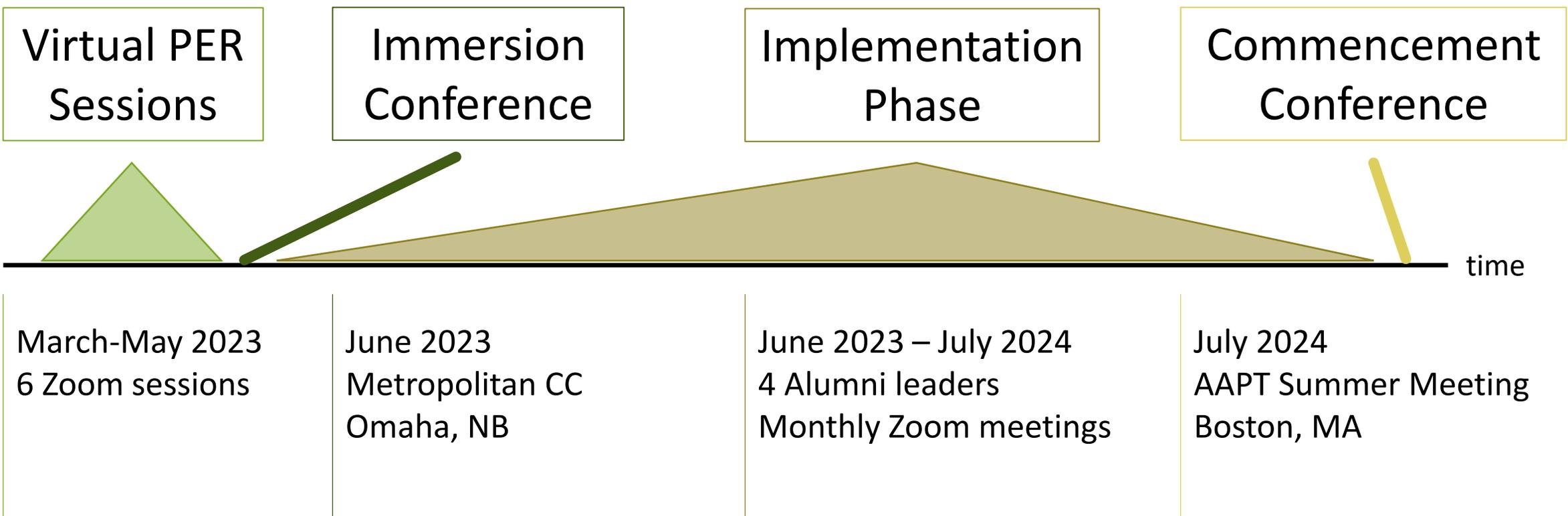
- 18-month cohort-based program for TYC physics & astronomy faculty
- Mix of in-person and asynchronous work



# New Faculty Development Series



# New Faculty Development Series – Cohort 1



**OPTYCs**



# New Faculty Development Series – Cohort 1

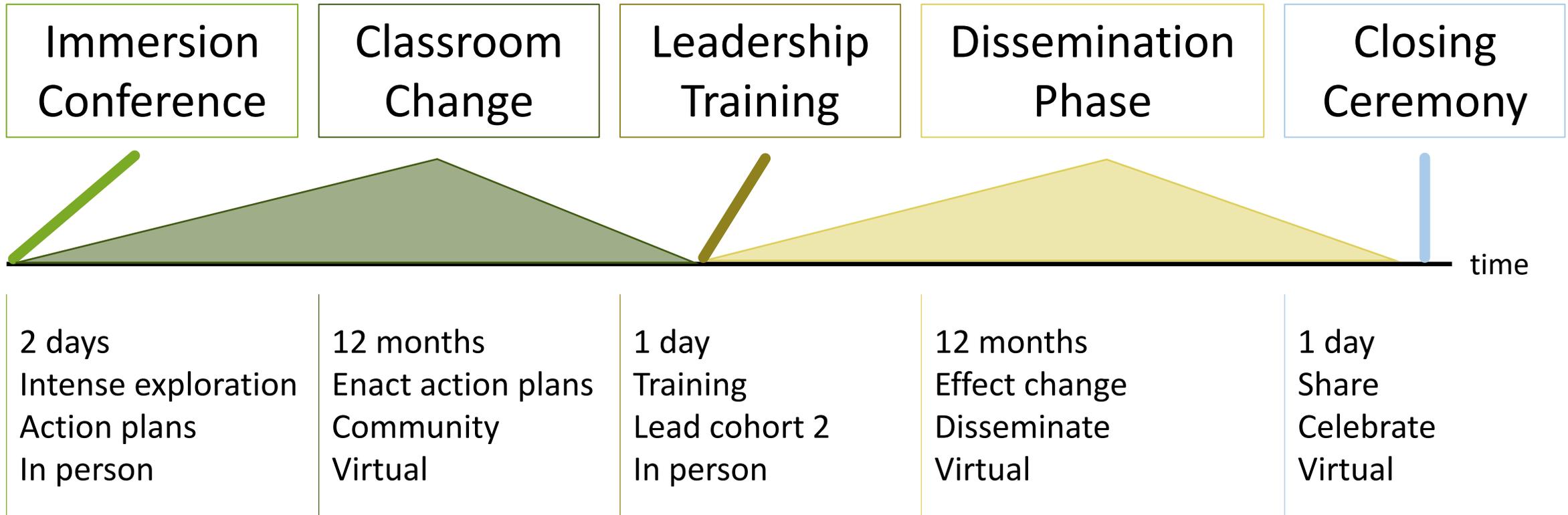


19 new TYC faculty  
4 alumni leaders  
4 program coordinators

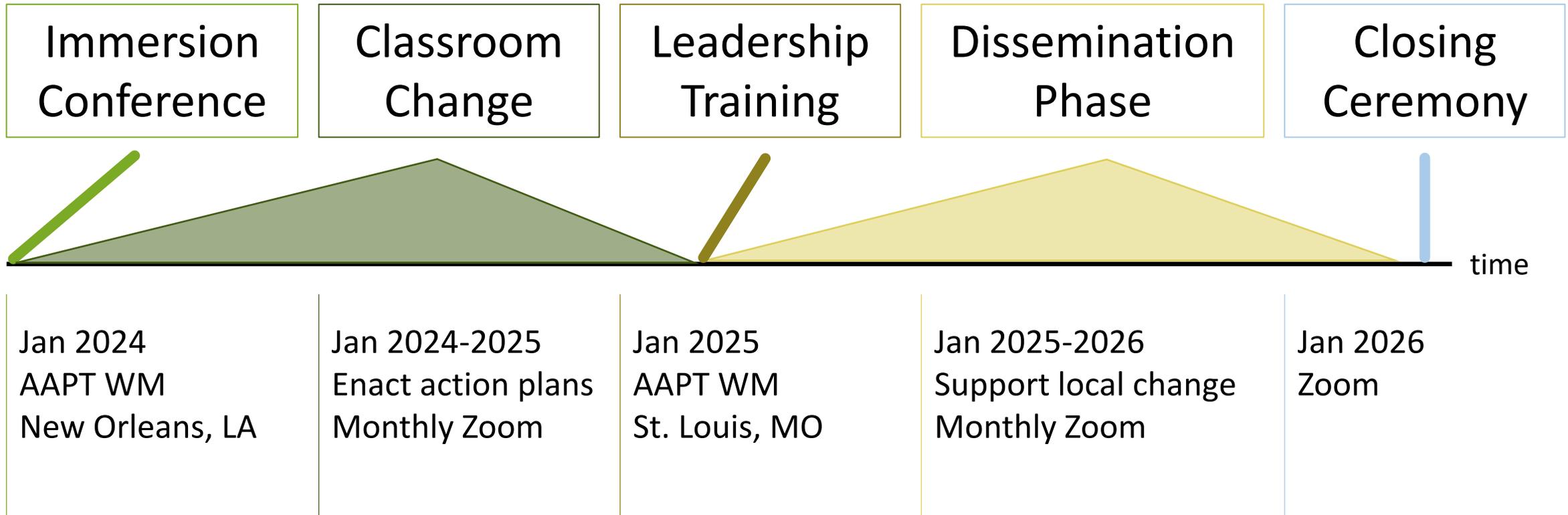
June 2023  
Omaha, NE

# DEI Capacity-Building Program

# DEI Capacity-Building Program



# DEI Capacity-Building Program – Cohort 1



**OPTYCs**



# DEI Capacity-Building Program – Cohort 1



11 TYC faculty  
4 program coordinators  
(not all pictured)

January 2024  
New Orleans, LA

# Interested in Cohort 2?

## New Faculty Development Series

- Applications open: Dec 2024
- Program runs: March 2025 – July 2026
- Eligibility: TYC Faculty in first 6 years

## DEI Capacity-Building Program

- Applications open: July 2024
- Program runs: January 2025 – 2027
- Eligibility: Any TYC faculty

<https://OPTYCs.aapt.org/>



**OPTYCs**



# Interested in other OPTYCs events?

You do not need to be TYC to participate in OPTYCs!



Email [OPTYCs@aapt.org](mailto:OPTYCs@aapt.org)

Website <https://OPTYCs.aapt.org/>

YouTube <https://www.youtube.com/@optycs5337>

Newsletter <https://optycs.aapt.org/spotlight/>



**OPTYCs**





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**OPTYCs**



# Year 2: Mentorship & Networking Program

## Reduce Isolation & Improve Networking

- Traditional Mentoring
- Horizontal Mentoring (3-5 peers all seeking and providing guidance)
- Affinity Groups (time-limited focus on project or topic)

## Get involved

- Sign up on the website <https://OPTYCs.aapt.org>
- Reach out to us with request for a specific focus





Email [OPTYCs@aapt.org](mailto:OPTYCs@aapt.org)

Website <https://OPTYCs.aapt.org/>

YouTube <https://www.youtube.com/@optycs5337>

Newsletter <https://optycs.aapt.org/spotlight/>