

Annual Barbara Meyers Pelson Lecture Series

Collaborating Across Boundaries (CAB) to Solve Complex Problems

A Panel Discussion

November 10, 2020

*Supported by Barbara Meyers Pelson Chair in Faculty-Student Engagement
Endowment Fund*



Welcome

- Dr. Kathryn A. Foster, President of TCNJ
- Host and Moderator, Dr. Monisha Pulimood
 - Barbara Meyers Pelson Chair in Faculty-Student Engagement
 - PI, NSF Award #1914869, Collaborating Across Boundaries (CAB)
 - Professor and Chair, Department of Computer Science

Introducing The Panelists



Marla Perez-Lugo



Raja Schaar



Marla Jaksch



John Leonard

Marla Perez-Lugo

- Professor of Social Sciences at the University of Puerto Rico
- Hubert Humphrey Distinguished Visiting Professor of Environmental Studies at Macalester College



Raja Schaar

- ▣ Program Director and Assistant Professor of Product Design at Drexel University
- ▣ Co-chair of IDSA's Diversity, Equity, and Inclusion Council
- ▣ Co-PI on interdisciplinary research project funded by the US Department of Education Promise Neighborhood Grant, "Black Girls STEAMing through Dance"

Marla L. Jaksch

- Professor of Women's, Gender, & Sexuality Studies at TCNJ
- Recipient of grants from NEH, Mellon, Fulbright and AAUW
- CAB Faculty: In Spring 2020, she taught “Gender and Education” that collaborated with “Inequality, Pollution, and Environment” taught by Dr. Diane Bates



John Leonard

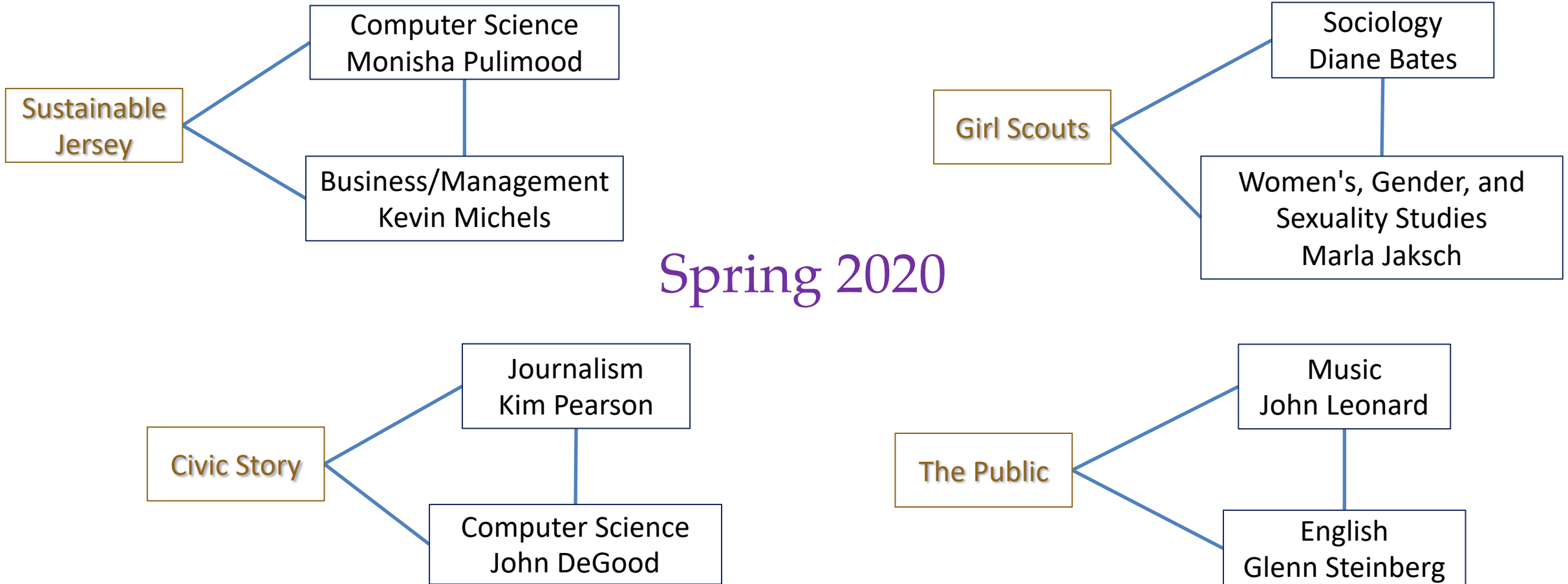
- ▣ Professor of Music and Director of Choral Activities at TCNJ
- ▣ Acting Artistic Director of the Mendelssohn Club of Philadelphia
- ▣ His TCNJ choirs have had multiple performances with the Philadelphia Orchestra and the Philharmonia Orchestra of New York.
- ▣ CAB Faculty: In Spring 2020, he taught “Chorale” that collaborated with “Bible as Literature” taught by Dr. Glenn Steinberg

Panel Discussion

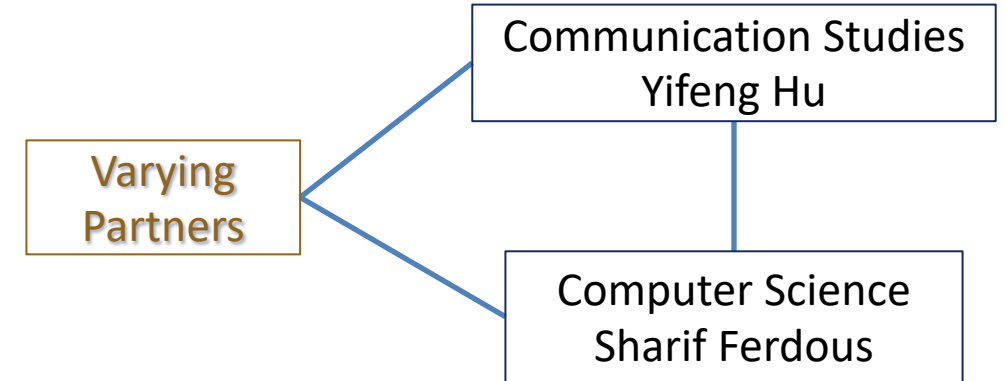
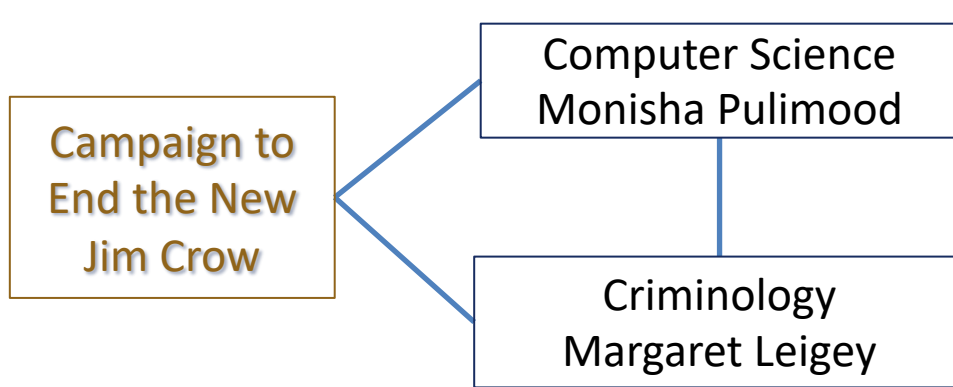
The CAB Model



Expanding the CAB Model

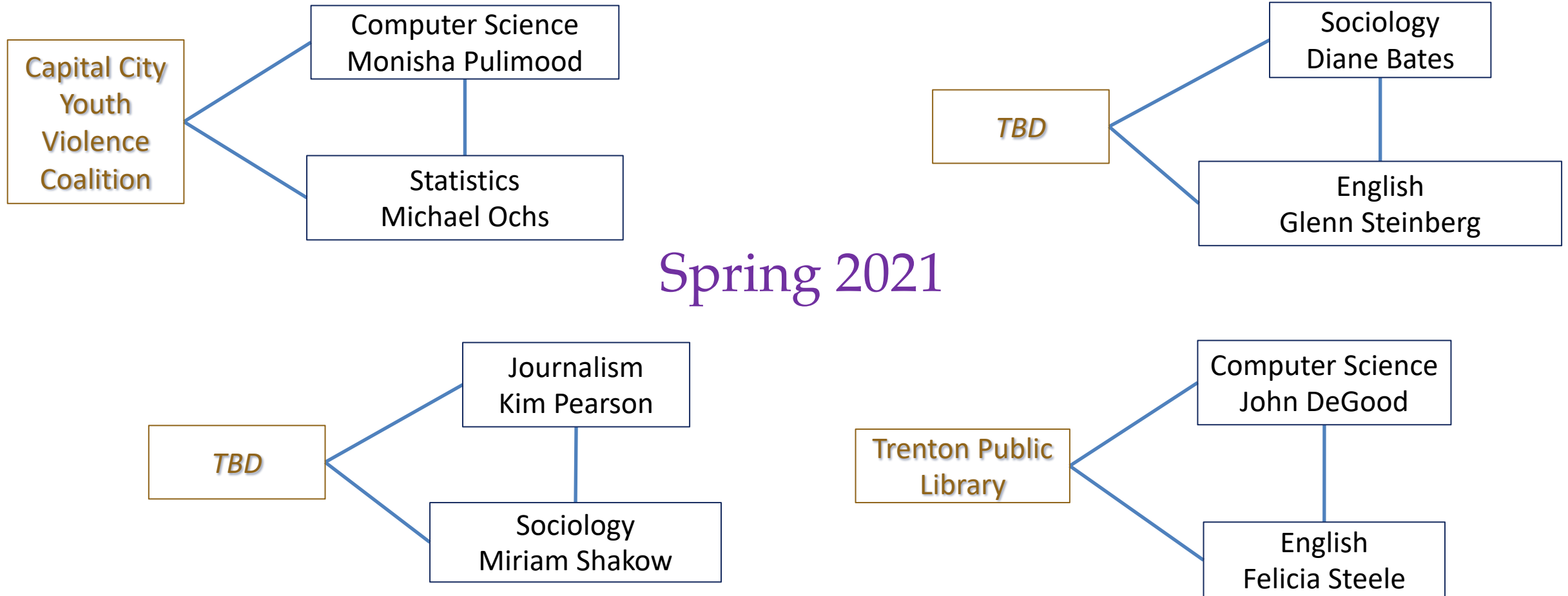


Expanding the CAB Model (AY 2020-21)

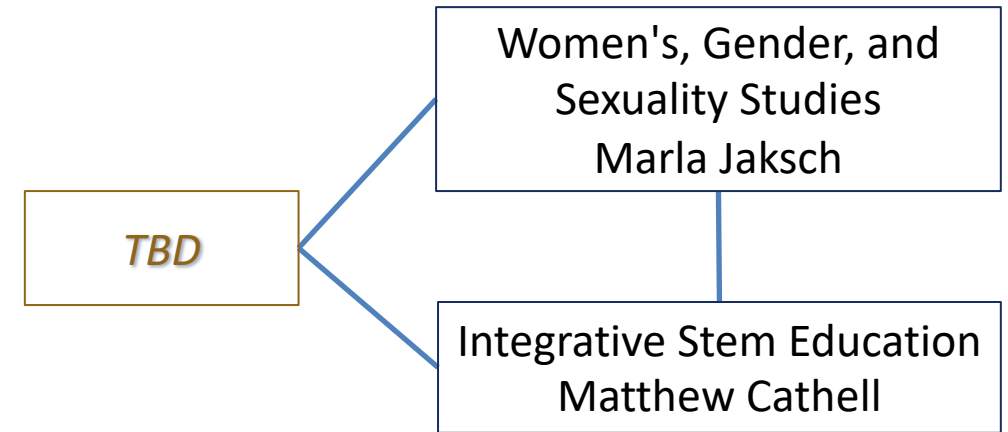
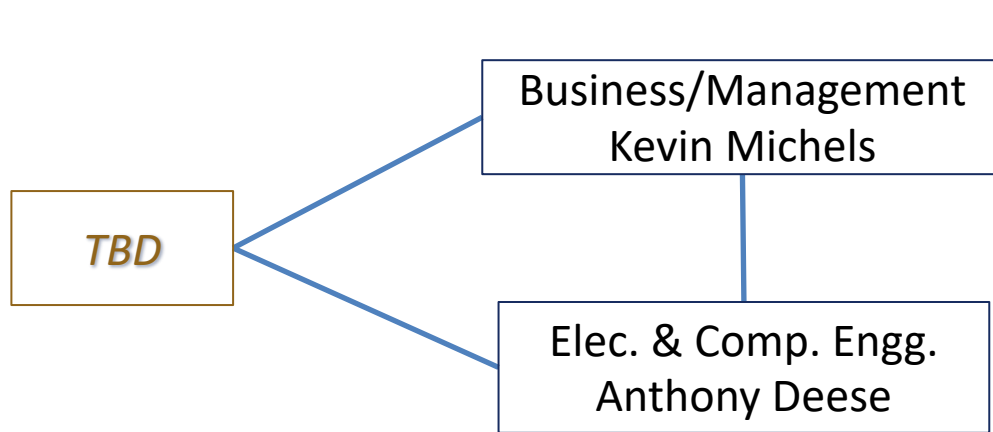


Fall 2020

Expanding the CAB Model (AY 2020-21)



Expanding the CAB Model (AY 2020-21)



Spring 2021

Schools Involved So Far

Science

Arts &
Communication

Humanities &
Social Sciences

Engineering

Business

Outcomes for Students

- Theory to Practice
 - Students are more deeply engaged with course content
 - Students develop a strong foundation in applying disciplinary knowledge to solve real-world problems.
 - Students develop the ability to recognize and articulate the interconnectedness of different disciplines.
- Students develop a deeper sense of personal social responsibility.
- *Complex “real-world” problems can be incorporated into the curriculum without sacrificing the course learning goals and rigor.*

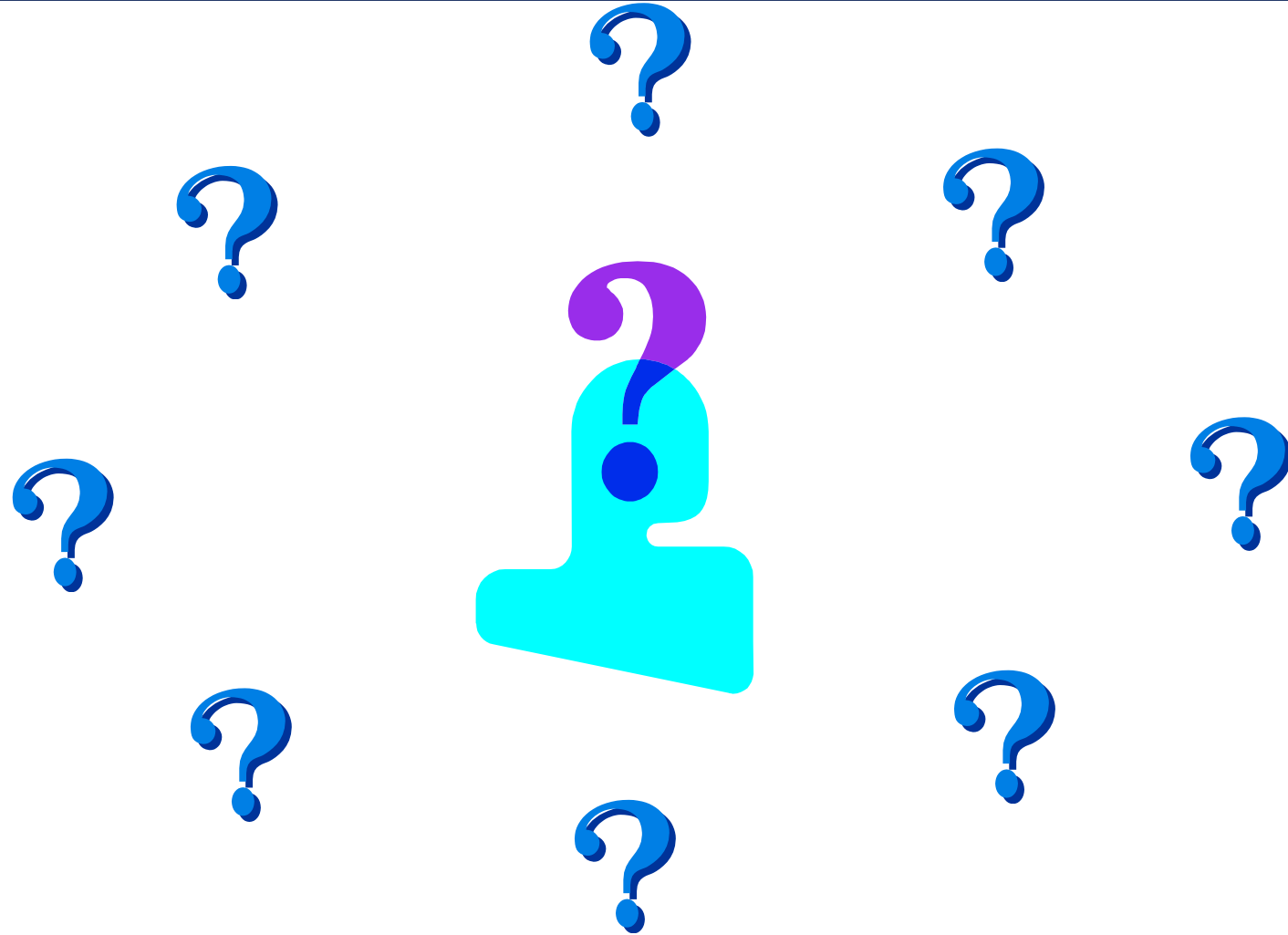
Outcomes for the Institution

- Interdisciplinary and faculty-student collaborations that do not require team-teaching or new course development.
- Courses where students apply knowledge gained from academic experiences to community life and take responsibility for active and engaged citizenship in a complex and diverse society.
- The community partner gets the project deliverables.

Adopt the CAB model

- Faculty Stipends
- CAB faculty workshops and meetings throughout the academic year
 - Pedagogy
 - Managing collaborations and projects
 - Assessment instruments
- Support from Community Engaged Learning Institute
 - Identify community partners
 - Facilitate meetings, project ideas, and expectations
 - Field trips (in a non-pandemic world)

Q & A



Resources

- ▣ Links

- ▣ <https://tardis.hpc.tcnj.edu/cabectportal/> (under development)

- ▣ Contact us:

- ▣ Monisha Pulimood – pulimood@tcnj.edu (PI, Computer Science)
 - ▣ Kim Pearson – kpearson@tcnj.edu (Co-PI, Journalism)
 - ▣ Diane Bates – bates@tcnj.edu (Co-PI, Sociology)
 - ▣ Brittany Aydelotte – aydelot2@tcnj.edu (Director of Community Engagement)
 - ▣ Raj Manimaran – manimar1@tcnj.edu (CEL Coordinator – Advanced CEL)
 - ▣ Lori Johansson – johanssl@tcnj.edu (Research and Operations Coordinator)