



Course info sheet: Project Management for Scientists (PMB)



Develop the skills you need to manage complex projects with contextualized project management frameworks and tactics in this applied training for STEM professionals.

- Gain new vocabulary for organizing and administering project work
- Create a Project Canvas to guide your project team or community
- Explore strategies for managing interpersonal dynamics
- Visit the PMB webpage

Who is PMB for?

PMB is for anyone managing a STEM project – whether that’s coordinating a multi-disciplinary grant, launching a new program, or delivering an update to technology or documentation. If you’ve considered project management training before, but felt it lacked applicability to the STEM ecosystem, then this is the course for you.

- Project Managers
- Project PIs
- Community Managers/Research Coordinators
- Program Managers
- Events Coordinators
- Lab Managers and other Research Staff

- View past graduates

Course overview

Odd numbered modules introduce key concepts; even numbered modules focus on implementation.

Modules one and two: The Foundation domain

Explore a project’s purpose, the investment required to run it, and its benefits.

Modules three and four: The People domain

Who is involved in a project’s delivery, and who else is invested in its success.

Modules five and six: The Creation domain and final presentations

Develop timelines and workflows, and consider risk, scope creep, and change management.

Course outputs

- A completed Project Canvas and accompanying worksheets for all three domains of the Canvas
- A Project Canvas template to adapt and use in your ongoing work
- An expanded professional network of STEM professionals who are invested in leading and managing collaborative and community-focused work



All graduates receive a digital badge and the option to be featured on the CSCCE website.

How to participate in PMB

GENERAL REGISTRATION

Purchase individual places in a general registration cohort.

Best for: Individuals or teams working on community-focused projects.

- View upcoming sessions

CERTIFICATION BUNDLE

PMB is an elective course in our Community Manager Certification Program, which includes 3 courses, 6 Mini-workshops, Quarterly Skills Share sessions, and increased instructor support.

Best for: Full-time community managers or related roles.

- View the Certification Program webpage

OFFICE HOURS ADD-ON

Get tailored support via private, weekly consultations with CSCCE staff throughout the course (for individuals or small groups).

PRIVATE COHORT

Purchase a private offering of PMB for your team or members of your community.

Best for: Organizations or programs with 20 or more individuals interested in taking a CSCCE training.

Sponsorship

Interested in supporting the participation of other community managers?

Purchase one or more places in a general registration cohort of PMB to be offered to individuals for whom cost is a barrier.

Email info@cscce.org to discuss options for sponsorship.

“The course is a great value for the amount of information learned and hands-on training for the development of a Project Canvas. Working with other science-minded folks was really helpful to learning, as was the application of PM strategies and techniques to the STEM setting.”

Featured framework: HBR’s Project Canvas

| FOUNDATION | PEOPLE | CREATION |
|--|---|--|
| PURPOSE Why are we doing the project? | SPONSORSHIP Who is accountable for the project? | DELIVERABLES What will the project produce, build, or deliver? |
| INVESTMENT How much will the project cost? | STAKEHOLDERS Who will benefit from and be affected by the project? | PLAN How and when will the work be carried out? |
| BENEFITS What impact will the project generate? How can we measure success? | RESOURCES Who will manage the project, and which skills are needed? | CHANGE How are we going to engage stakeholders and manage the risks? |

CSCCE training courses are underpinned by CSCCE frameworks and resources, which are constructed based on multi-disciplinary literature and the expertise of our staff, and are often available as downloadable guidebooks and tip sheets. The Project Canvas used in the PMB course is adapted from The Harvard Business Review Project Management Handbook by Antonio Nieto-Rodriguez.

