

SCIENCE EDUCATION WITH DR TANYA JOSEK

PROJECT EDDIE

The team behind Project EDDIE has developed a wide range of teaching materials that educators can adopt or adapt to fit the specific course they are teaching. Below, we have listed the options available to you and your students, which should empower you all to realise how you fit within the wider scientific community.

You can:

- Browse curricular modules: https://serc.carleton.edu/eddie/teaching_materials/eddie_modules.html
- Browse statistical vignettes: https://serc.carleton.edu/eddie/teaching_materials/statistical_vignettes.html
- Browse teaching videos and tutorials: https://serc.carleton.edu/eddie/teaching_materials/video_collection.html

There are also several collections of community-contributed activities, course descriptions, essays, data sources and other resources available.

- Activity Collection – browse the collection of community-contributed activities: https://serc.carleton.edu/eddie/teaching_materials/activity_collection.html
- Course Collection – browse the collection of community-contributed course descriptions and syllabi: https://serc.carleton.edu/eddie/teaching_materials/course_collection.html
- Essay Collection – read about instructors' approaches to teaching quantitative skills and reasoning through these community-contributed essays: https://serc.carleton.edu/eddie/teaching_materials/essay_collection.html
- Publicly available data sources – a community-sourced collection of publicly available data sources: https://serc.carleton.edu/eddie/teaching_materials/publicly_available_data_source.html
- Guidance for Teaching with Data – a community-sourced collection of projects and initiatives devoted to teaching about data: https://serc.carleton.edu/eddie/teaching_materials/resources_teaching_data.html

To learn more about how the materials of Project EDDIE were designed, you can read this section on using EDDIE materials (https://serc.carleton.edu/eddie/teaching_materials/community_use/index.html). In addition, get inspired by seeing how the community is using EDDIE modules in their courses:

- Read through the collection of Instructor Stories for first-hand accounts of how instructors adapted the modules to their classrooms: https://serc.carleton.edu/eddie/teaching_materials/community_use/instructor_stories.html
- The Faculty Mentoring Network (FMN) programme brings together faculty interested in implementing Project EDDIE teaching modules that address quantitative reasoning and scientific concepts using environmental data: <https://serc.carleton.edu/eddie/eartheosystems/eddieevents/fmn/index.html>

THE O'REILLY & DARNER RESEARCH TEAMS

You can read more about the O'Reilly & Darner Research Teams, of which Tanya is a part, here:

<https://my.ilstu.edu/~cmoreil/index.html>

<https://about.illinoisstate.edu/rldarne/research/>

OTHER LINKS:

LGBTQ+ scientists in STEM: <https://500queerscientists.com/>

BIPOC in STEM: <https://guides.tricolib.brynmawr.edu/c.php?g=285559&p=1901688>

Black in Entomology: <https://www.blackinento.com/>