

Addressing Challenges of Forced Displacement through STEM Education: A Workshop

March 9-10, 2023

Boston University

Co-hosted by Boston University's [Center on Forced Displacement](#) (CFD) and the National Academies of Sciences, Engineering, and Medicine's [Committee on Human Rights](#) (CHR)

Agenda

Thursday, March 9

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| 8:00 am | Breakfast/Check-In |
| 8:30 am | Introductions and Opening Presentations
8:30: Introductions
9:00: Welcome, background, etc.
9:15: Historical & current trends of forced displacement
9:30: Background on forced displacement, importance of lived experience
9:45: Review of existing infrastructure, issues, & gaps |
| 10:00 am | Session #1 – Concept/Philosophy <ul style="list-style-type: none">• How will the modules/course offer a unique contribution to the existing landscape of humanitarian engineering/STEM programs?• How do we ensure the modules/course instill a longer-term desire in faculty and students to engage with these issues and apply technical skills to similar humanitarian challenges? |
| 11:15 am | Break |
| 11:30 am | Session #2 – Content <ul style="list-style-type: none">• What is the essential core content that needs to be addressed in such curricula? Which technical skills, what information on forced displacement, what ethical concepts?• Will it look at specific forced displacement-related challenges and if so, which? |

1:15 pm Lunch

2:15 pm Session #3 – Format

- Should it be a standalone course or a set of modules that could be woven into existing courses?
 - If a course, is it open exclusively to students from one major, to all STEM students, or to all students regardless of major?
- How will the course/module be interdisciplinary? Will it include instruction by experts from different disciplines?

4:00 pm Break

4:15 pm Session #4 – Pedagogy

- What teaching methods would be most effective based on your experience? (Case studies, guest lectures, Socratic seminars, etc.)
- Will the course/module include fieldwork and/or service-learning?
 - If so, how? In-country or international?
- How will students be evaluated? (Exams, papers, other creative projects?)

6:00 pm Dinner

Friday, March 10

8:00 am Breakfast

8:30 am Session #5 – Joint Writing Session

10:30 am Break

10:45 am Session #6 – Logistics

- What resources might be necessary to develop this curriculum?
 - What might it cost? Will it require TA/grad student assistance?
- Who might be interested in funding such a pilot?
- Who might be interested in piloting such a course?
- Should we create a network of guest lecturers (per Imad's suggestion)?
 - Who might make sense to include?

12:00 pm Wrap-Up and Next Steps

12:30 pm Adjournment