Preparing the Next Generation

Welcome to Day 2, objectives and overview from Day 1

Workshop Program (Day 2)

How can scientific ocean drilling best prepare the next generation of Earth scientists?

15:00 *Welcome, Recap from Day 1 and Questions for Day 2*

15:10 *How can scientific ocean drilling's professional development be enhanced to develop critical scientific and transdisciplinary skills for educators?*

15:25 *How can we effectively expand/prioritize training programs for scientists involved with scientific ocean drilling research?*

15:40 *What are effective mentoring strategies for graduate students, postdocs, and tenure-track faculty within scientific ocean drilling? How can we expand on effective mentoring, especially for those in historically marginalized groups in STEM?*

16:15 *Comfort Break*

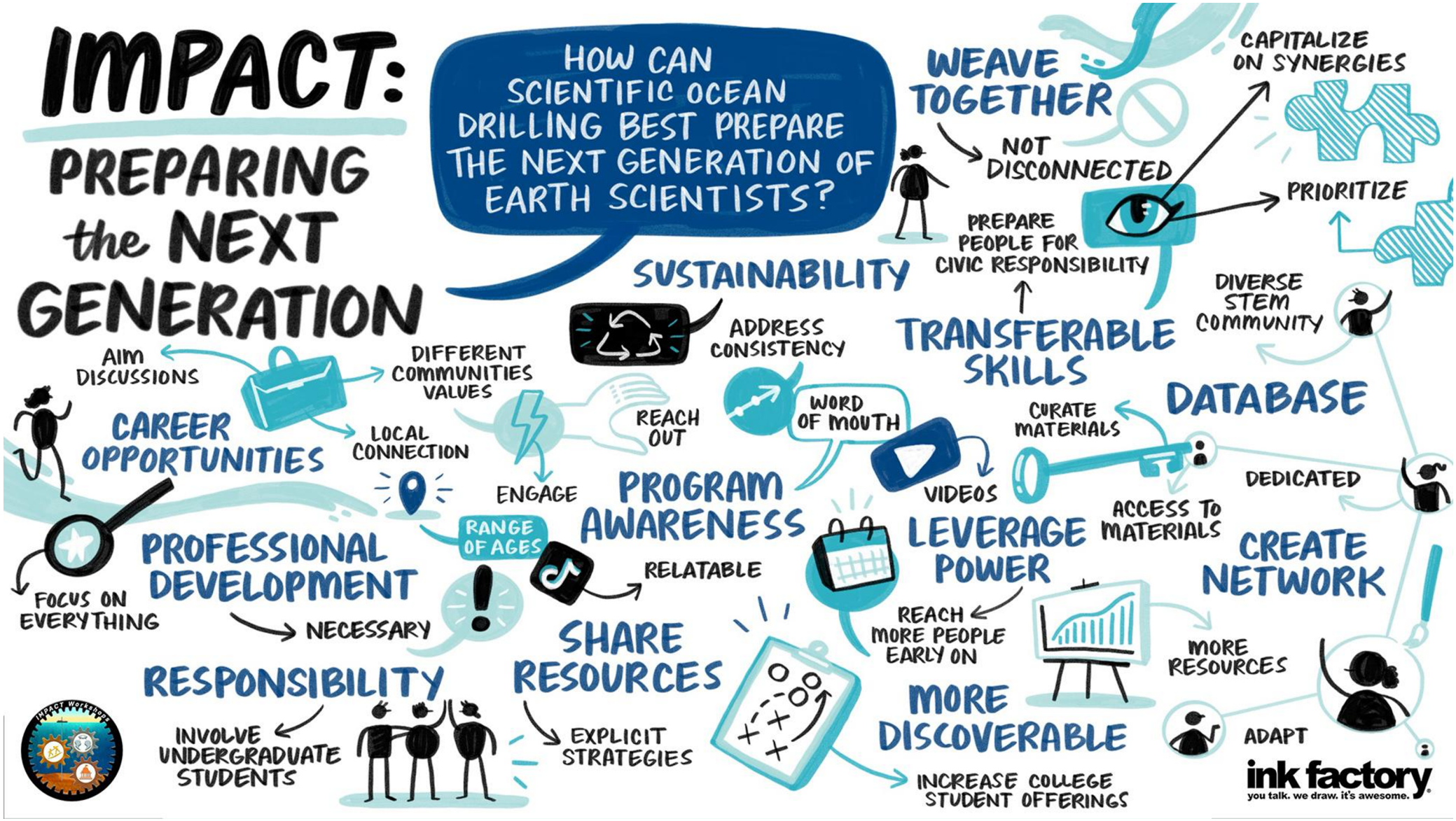
16:25 *Q&A for all speakers*

16:45 *Breakout Group Discussions*

17:15 *Group Reports and Discussion*

17:50 *Summary and Next Steps*

All discussions can be continued on the discussion boards.


IMPACT:
PREPARING the NEXT GENERATION
HOW CAN SCIENTIFIC OCEAN DRILLING BEST PREPARE THE NEXT GENERATION OF EARTH SCIENTISTS?
WEAVE TOGETHER
NOT DISCONNECTED
CAPITALIZE ON SYNERGIES
PRIORITIZE
PREPARE PEOPLE FOR CIVIC RESPONSIBILITY
SUSTAINABILITY
ADDRESS CONSISTENCY
TRANSFERABLE SKILLS
DIVERSE STEM COMMUNITY
AIM DISCUSSIONS
DIFFERENT COMMUNITIES VALUES
CAREER OPPORTUNITIES
LOCAL CONNECTION
REACH OUT
ENGAGE
WORD OF MOUTH
DATABASE
CURATE MATERIALS
VIDEOS
DEDICATED
ACCESS TO MATERIALS
PROGRAM AWARENESS
RANGE OF AGES
RELATABLE
LEVERAGE POWER
CREATE NETWORK
FOCUS ON EVERYTHING
PROFESSIONAL DEVELOPMENT
NECESSARY
REACH MORE PEOPLE EARLY ON
MORE RESOURCES
RESPONSIBILITY
SHARE RESOURCES
MORE DISCOVERABLE
ADAPT
INVOLVE UNDERGRADUATE STUDENTS
EXPLICIT STRATEGIES
INCREASE COLLEGE STUDENT OFFERINGS
ink factory
you talk. we draw. it's awesome.

Workshop Program (Day 2)

Road Check Responses

Top things you learned: Appreciation for the availability of resources

- Learning about CURE's
- Learning about diversity in ocean drilling

Topics that we need to address: Attracting and supporting a diverse community of students

- Involving undergraduate and graduate students in research
- Opportunities for collaboration

Respondents were generally very satisfied with the outcomes of the workshop

- The lightning talks were a great way to introduce people to the topic
- This was very productive in only a few hours

There were some comments on how quickly the chat was moving and that it was hard to keep up...

- We will be reading through it and synthesizing all comments and resources from the chat!

All discussions can be continued on the discussion boards.

Workshop Driving Questions - Day 2

- ***How can scientific ocean drilling's professional development be enhanced to develop critical scientific and transdisciplinary skills for educators?***

- ***How can we effectively expand/prioritize training programs for scientists involved with scientific ocean drilling research?***

- ***What are effective mentoring strategies for graduate students, postdocs, and tenure-track faculty within scientific ocean drilling? How can we expand on effective mentoring, especially for those in historically marginalized groups in STEM?***

All discussions can be continued on the discussion boards.

We asked you to list one critical scientific skill that you think is essential:

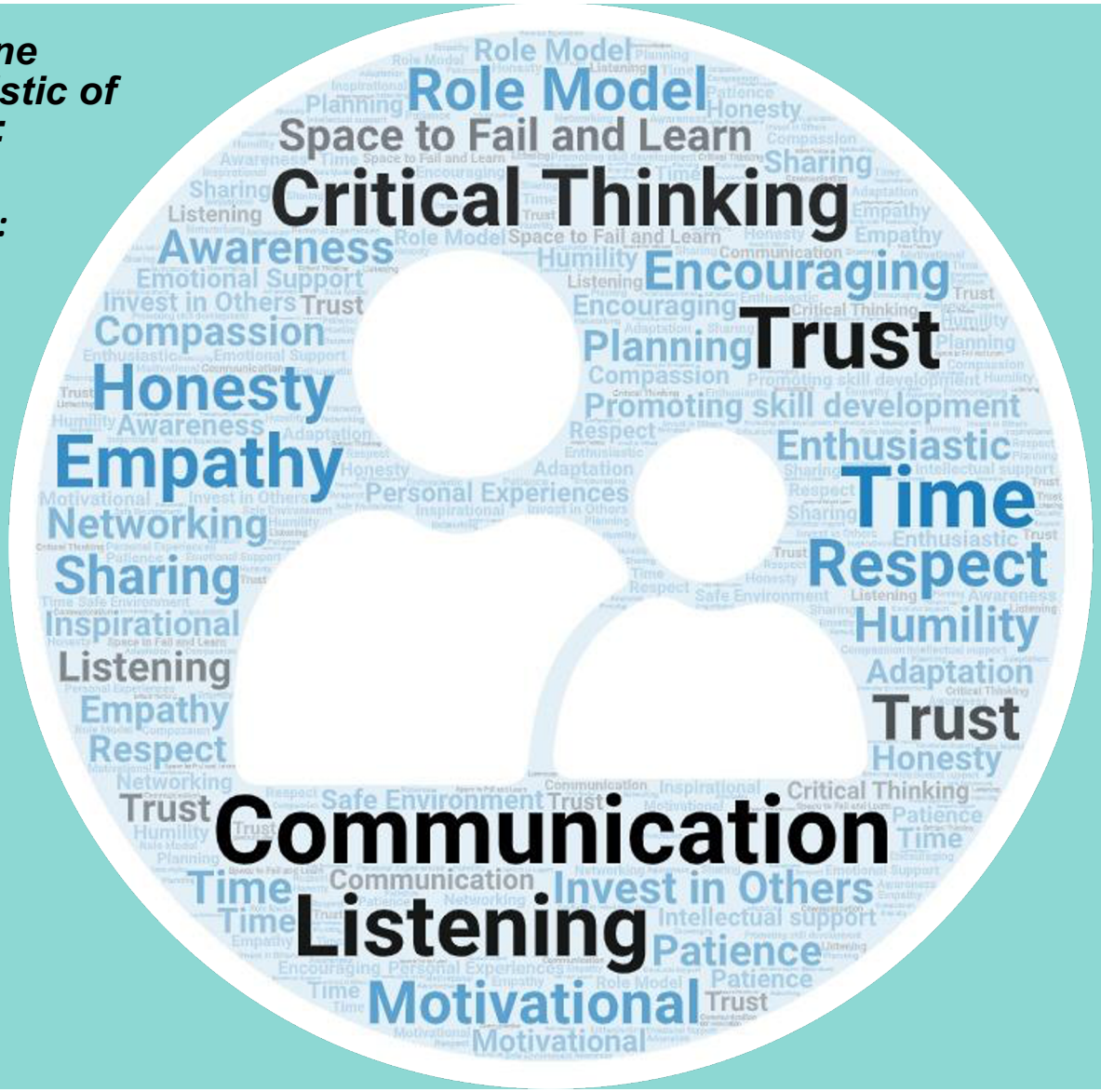
You said:

We asked you to list one critical transdisciplinary skill that you think is essential:

You said:

We asked what is one essential characteristic of effective mentoring:

You said:



Some commonalities between all three areas:

1. Communication
2. Critical Thinking
3. Skills Development
    a. Scientific - Practical Skills (Data Analysis, Modelling, Coding)
    b. Transdisciplinary - Leadership, Writing, Teamworking
    c. Mentoring - Personal “Soft” Skills