

Microbiome Education Community Poll

Dear Instructor,

Thank you for taking the time to participate in this community poll. We are conducting research on microbiome education, specifically focusing on the challenges and opportunities faced by instructors like yourself. The purpose of this poll is to gather insights and data that will support our efforts to promote equal access to microbiome training and resources.

The poll consists of nine (9) questions and should take approximately five (5) minutes to complete. Please answer the questions to the best of your ability and based on your experiences at your institution. There are no right or wrong answers, and we value your honest opinions.

Before you proceed, we would like to provide you with some important information. By continuing with the poll, you acknowledge that you have read and understood the following disclaimer:

- Your participation in this poll is **voluntary**. You are under no obligation to complete the poll, and you have the right to withdraw at any time without providing a reason.
- The data collected in this poll will be used for **research purposes only**. All responses will be treated confidentially, and your anonymity will be strictly maintained. Your individual responses will not be identifiable or linked to your personal information.
- The poll questions are designed to gather information about microbiome education. Your responses will contribute to our research efforts aimed at promoting equal access to microbiome training and resources.
- The information you provide in this poll will be reported in aggregate form. Any quotes or examples used in research publications or reports will be anonymized and presented in a way that ensures confidentiality.
- While we have taken measures to ensure the security of the poll platform, please be aware that no online system is completely secure. By participating in this poll, you understand and accept the inherent risks associated with transmitting information over the internet.
- By continuing with the poll, you indicate your voluntary consent to participate and acknowledge that you have read and understood the disclaimer outlined above.

QUESTIONS OR PROBLEMS: If you have questions or problems, email Ava Hoffman at ahoffma2@fredhutch.org. You can also contact us if you are interested in collaborating.

You may also contact the Fred Hutchinson Cancer Center IRB Office if you have questions about your rights as a participant. Contact the IRB if you feel you have not been treated fairly or if you have other concerns.

This study has been deemed exempt by the Fred Hutchinson Cancer Center IRB, specifically Exempt status (Category (2)(ii) Tests, surveys, interviews, or observation (low risk)). Thus, the proposed activity does not qualify as human subjects research as defined by DHHS regulations 45 CFR 46.102, and does not require IRB oversight.

IRB No.: FHIRB0020401

Date Approved: 4/11/2024

The IRB contact information is:

Address: Fred Hutch Cancer Center Institutional Review Office

1100 Fairview Ave. N. Mail Stop J2-100, Seattle, WA 98109

Telephone: 206-667-5900

E-mail: iro@fredhutch.org

* Indicates required question

1. Are you familiar with microbiome research and its potential applications in public health, medicine, the environment, and industry? *

Mark only one oval.

1 2 3 4 5

not : ☐ ☐ ☐ ☐ ☐ very familiar

2. Have you conducted microbiome research, previously or currently? *

Mark only one oval.

☐ Yes

☐ No

3. Do you, or others at your institution, offer specific courses or educational programs for students related to microbiomes? *

Mark only one oval.

☐ Yes

☐ No

☐ Not sure

4. Would you be interested in collaborating with other institutions, organizations, or faculty to enhance microbiome education or research opportunities at your institution? *

Mark only one oval.

1 2 3 4 5

not : ☐ ☐ ☐ ☐ ☐ very interested

5. Do you believe that incorporating microbiome topics into the curriculum can provide students with interdisciplinary skills to address real-world problems? *

Mark only one oval.

1 2 3 4 5

not : ☐ ☐ ☐ ☐ ☐ yes very much

6. When implementing or considering implementing a module or course, please indicate the extent of each of the following challenges, where 1 is "not a challenge" and 5 is "a strong challenge":

*

Mark only one oval per row.

	1	2	3	4	5
Confidence and/or expertise for teaching the material	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Opportunities for development and/or access to a community of practice	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Access to computers and/or computational time	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Access to laboratory supplies to incorporate wet lab activities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Time and/or financial support needed to design and/or implement courses	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Access to existing course materials	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Freedom and/or flexibility to implement a course or module of your choosing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Student interest and/or engagement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

7. Please provide any additional thoughts on barriers you have encountered with microbiome education.

8. Please provide any additional thoughts on your experience with microbiome education.

9. Describe the institution where you do most of your instruction (select all that apply): *

Check all that apply.

- ☐ Doctoral Universities – Very high research activity ("R1")
- ☐ Doctoral Universities – High research activity ("R2")
- ☐ Master's College or University
- ☐ Primarily Undergraduate Institution (PUI)
- ☐ Community College
- ☐ Historically Black College or University (HBCU)
- ☐ Hispanic Serving Institution (HSI)
- ☐ Tribal College or University (TCU)
- ☐ Native American-Serving, Nontribal Institutions (NASNTI)
- ☐ Asian American and Native American Pacific Islander-Serving Institution (AANAPISI)
- ☐ Other under-resourced institution
- ☐ None of these

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