Scaffolding Experiential Education Symposium

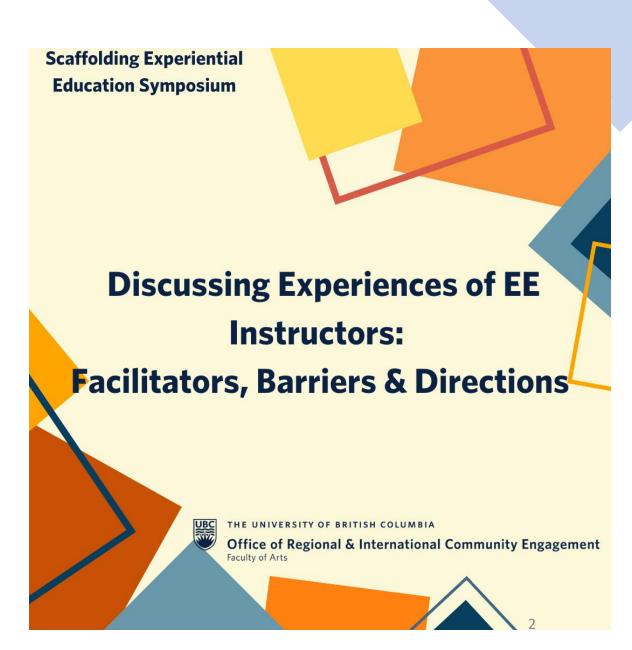
Monday, August 26th, 2024 | 9:00 AM to 4:00 PM Location: UBC Liu Institute for Global Issues



Discussing Experiences of EE Instructors: Facilitators, Barriers, & Directions

Presenters:

Dr. Katherine Lyon Tamara Baldwin Lorenia Salgado-Leos Dr. Siobhán Wittig McPhee **Full research team:** Dr. Siobhán Wittig McPhee Dr. Neil Armitage Assem Zhaksybay Naomi Hudson Valeria Pérez



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First-Year Experiential Education Project

Scaffolding Experiential Education Symposium

Dr. Katherine Lyon (she/her)

Associate Professor of Teaching, Department of Sociology



First-Year Experiential Education Project

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Session Structure

Introduction Katherine Lyon, UBC Sociology

Institutional barriers and facilitators to experiential education (EE) in large courses Tamara Baldwin, UBC ORICE

Small group discussion: Overcoming barriers and fostering facilitators

Scaffolding: How can lower-level EE prepare students for upper-level EE? Lorenia Salgado-Leos, UBC Hispanic Studies

Small group discussion: Scaffolding EE across year levels

Wrap up



Barriers, Facilitators, & Next Steps

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Tamara Baldwin (she/her) Director of the Office of Regional and International Community Engagement

Barriers, facilitators, & next steps

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"How important is this (or would this be) for you in order to do experiential education in your large courses?"

- Institutional acknowledgment of **workload** involved (e.g. in promotion/tenure/contract renewal)
- Financial **compensation** (e.g., experiential education labor tied to course load allocations)
- Additional time to dedicate to experiential education design, implementation and/or assessment
- Additional teaching assistants and/or academic assistants the <u>first time</u> the course is offered with experiential education
- Additional teaching assistants and/or academic assistants <u>each time</u> the course is offered with experiential education
- **Financial support** to purchase experiential education **technologie**s (e.g. 3D glasses)
- Teaching centres, institutional offices, on campus support (e.g. ORICE, CCEL, CTLT, Arts ISIT, UBC Emerging Media)
- Long-term funding for experiential education activities (e.g., field trips)
- **Support network** of experiential education educators
- Equity considerations (e.g., support to address experiential education inequity concerns and burdens, and how various intersections impact experiential education implementation, particularly for those from marginalized groups and contingent faculty)
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"How important is this (or would this be) for you in order to do experiential education in your large courses?"

Institutional acknowledgment of workload involved (e.g. in promotion/tenure/contract renewal)

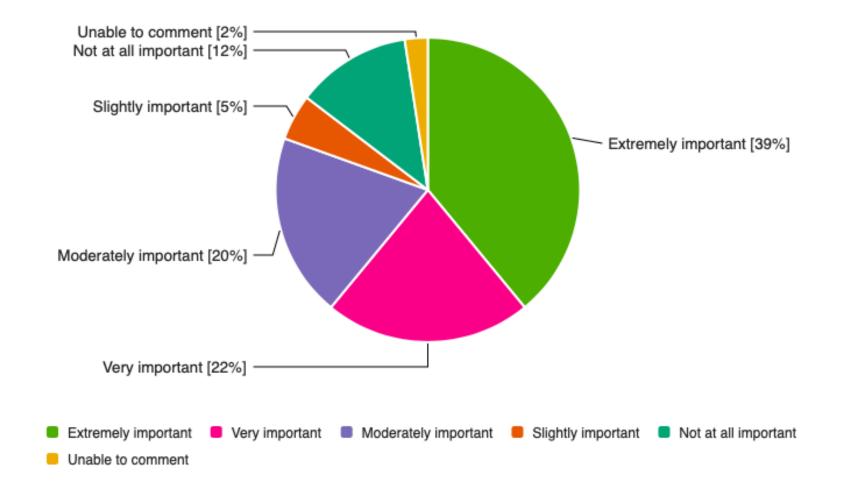


Fig. 1 Retrieved from the "Experiential Education in Large Classes Survey" 2024, Question 2.1

Small Group Discussion: Overcoming barriers and fostering facilitators

Tamara Baldwin (she/her) Director of the Office of Regional and International Community Engagement **Scaffolding Experiential Education Symposium Small group discussion: Overcoming barriers and fostering** facilitators THE UNIVERSITY OF BRITISH COLUMBIA **Office of Regional & International Community Engagement** Faculty of Arts

Small group discussion: Overcoming barriers to experiential ed. in large, lower-level courses

Q1: Which barriers that instructors identified resonated the most with you?

Q2: What additional barriers might exist?

Q3: Pick one barrier and brainstorm ways to address it at the course, department, faculty, and/or university levels.

Report discussion highlights back to large group



Scaffolding Experiential Education Symposium

Lorenia Salgado-Leos (she/her) PhD Candidate, Hispanic Studies



Scaffolding: How can lower-level EE prepare students for upper-level EE?

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Office of Regional & International Community Engagement Faculty of Arts

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Scaffolding Experiential Education



FYEE supporting the transition from high school to post-secondary:

An instructor mentions how EE "is a really important [part in] bridging time for students coming...into university [by] developing the skills that they're going to need to...excel and prosper...[T]he importance of [EE] for students who are in [first year]... [is] thinking...what knowledge are they bringing, what expectations they have, helping them transition...from high school to university and then from [first year] into second year."





FYEE as Introduction to Disciplinary Ways of Knowing and Being:

One instructor stated that first year experiential education could serve as a way to: "...introduce [first-year students] to the discipline, [by introducing] them to...critical thinking, [and] academic integrity...in being an active, independent learner, taking responsibility for their own learning and their own scheduling and timetable and assignments."



First-year scaffolding for upper-year EE:

"If students don't have a base to start from, [EE is] going to be really slow [in upper year courses].

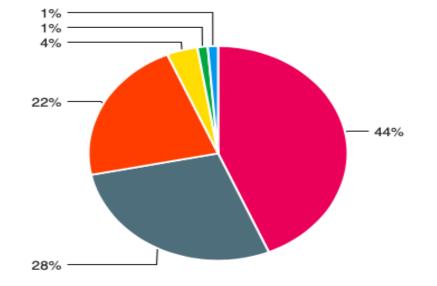
A language instructor explains what EE scaffolding looks in their discipline: "In first-year we can do small collaborative projects...and moving on in year two to projects that can be more complex or longer or maybe more individual now that they have more language tools. In year three, technically it is the time to go abroad for an immersive study abroad experience in the targeted language. So somewhere in the [specific language] world before coming back in a year ...being stronger for finishing the program with more success [in their fourth year]."



Examples of EE in Large Lower-Level Courses



"Could you please specify the types of experiential education activities that you have incorporated in large courses? (Select all that apply)"



- Experiential education activities in class (e.g. role play, lab, debate, worksho...
- Experiential education activities out of class but on campus (e.g. fieldtrips, o...
- Experiential education activities off campus (e.g. community engaged experientia...
- Experiential education activities facilitated by immersive technology regardless...
- I have not incorporated experiential education activities in large (50+student) ...

Fig. 2 Retrieved from the "Experiential Education in Large Classes Survey" 2024, Question 5

- 1. Hands-on bitesize learning: Classroom-based approaches
- 2. Hands-off bitesize learning: In the students' immediate environment
- 3. Stepping Stones: FYEE through community-partner collaboration



Examples of EE in Large Lower-Level Courses

1. Hands-on bitesize learning: Classroom-based approaches

One instructor notes:

"Experiential learning right away in a first-year course can ... be very simple. But then it increases in complexity throughout years two, three and four. So [it means] immersing them in projects right away and in their first year."



Examples of EE in Large Lower-Level Courses

2. Hands-off bitesize learning: In the students' immediate environment

A history instructor notes: "My definition of [EE] is like taking them into the field. So like going to archives, interviewing people, analyzing historic sites. You let the narrative present the historic site versus, you know, what's in a book." Similarly, another professor explains that through walking tours of the city: "Rather than sitting in the lecture room and talking - through political economy, [students] get to go out and listen to the story of how these spaces changed over time and then see the concept... come alive."



A faculty member highlights that: "More recently, I have created augmented reality walking tours that students can do in groups on their smartphones [in the neighborhood]... that sort of addresses the barriers of experiential learning in a large class."

Examples of EE in Large Lower-Level Courses

3. Stepping Stones: Community-partner collaboration in lower-level EE

One faculty describes how: "[introductory] courses are designed where you get three hours of lecture a week and... one hour of discussion groups. So...students...can either opt to do the discussion where they write a research paper or they can do a community-[engaged] learning option, in which case they work for one to two hours at a [local] community organization."



For this instructor, making CEL optional was a key strategy for tailoring the experience to FY students because, as they explain: "[it's] not fair to a community partner to force them to take in a student who doesn't want to be there.... And [it is important] to make sure that students have support so that they feel secure."

Exploring Taxonomies and Frameworks for Experiential Education



Small group discussion: Scaffolding EE across year levels

Scaffolding Experiential Education Symposium

Tamara Baldwin (she/her)

Director of the Office of Regional and International Community Engagement



Small group discussion: Scaffolding EE across year levels

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Small group discussion: First and second-year EE skills

- 1. What does/could first- and second-year experiential education look like in your discipline(s)? Try to be specific!
- 2. What experiential education (EE) skills would you want students to develop in first- and second-year courses to prepare them for third- and fourth-year EE?

Report discussion highlights back to large group



Wrap up

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Discussing Experiences of EE Instructors:

Facilitators, Barriers & Directions

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Thank you!

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Discussing Experiences of EE Instructors:

Facilitators, Barriers & Directions

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References

Bowen, Ryan S. "Understanding by Design." *Vanderbilt University Center for Teaching*. Vanderbilt University. Retrieved from <u>https://cft.vanderbilt.edu/understanding-by-design/</u>.

Bloom, Benjamin S. Taxonomy of Educational Objectives: The Classification of Educational Goals. Longmans, Green, 1956.

"Course Desing. Planning a Flipped Class." *Centre for Teaching Excellence*. University of Waterloo. Retrieved from <u>https://uwaterloo.ca/centre-for-teaching-excellence/catalogs/tip-sheets/course-design-planning-flipped-class</u>

Dabney, Beverly W., and Fatima Eid. "Beyond Bloom's: Fink's Taxonomy as a Catalyst for Meaningful Learning in Nursing Education." *Teaching and Learning in Nursing*, vol. 19, no. 1, 2024, pp. e77-e82. <u>https://doi.org/10.1016/j.teln.2023.09.007</u>

Davis, James R., and Bridget D. Arend. Facilitating Seven Ways of Learning: A Resource for More Purposeful, Effective, and Enjoyable College Teaching. Routledge, 2013.

"Decolonizing Teaching, Indigenizing Learning." *Faculty of Education*. University of British Columbia. Retrieved from <u>https://indigenizinglearning.educ.ubc.ca</u>

Fink, L. Dee. Creating Significant Learning Experiences: An Integrated Approach to Designing College Courses. Jossey-Bass, 2013.

"Fink's Significant Learning Outcomes." Office of Curriculum, Assessment and Teaching Transformation. University at Buffalo. Retrieved from https://www.buffalo.edu/catt/teach/develop/design/learning-outcomes/finks.html

"Flexible Learning." Walter C. Koerner Library. University of British Columbia. Retrieved from https://flexible.learning.ubc.ca

Grain, Kari, and Gillian Gerhard. "Experiential Education at UBC-Vancouver: Summary of Research and Recommendations." 2020. Retrieved from http://blogs.ubc.ca/experiential/files/2020/03/EE-Report-and-Recommendations-FINAL-Jan23.pdf

Hudson, Naomi, et al. FYEE Project [Part 2]: "First-Year Experiential Education in Large Classes at UBC Vancouver." ORICE, July 2023. Retrieved from: https://orice.ubc.ca/wp-content/uploads/sites/43/2023/08/Preliminary-Findings_Final-Version.pdf

"Inclusive Teaching." *Centre for Teaching, Learning and Technology.* University of British Columbia. Retrieved from <u>https://inclusiveteaching.ctlt.ubc.ca/resources/resources-for-faculty/</u>

Kofinas, Alexander K., and Crystal H. Tsay. "In Favor of Large Classes: A Social Networks Perspective on Experiential Learning." *Journal of Management Education*, vol. 45, no. 5, 2021, pp. 760-785. <u>https://doi.org/10.1177/10525629211022</u>

Krathwohl, David, and Lorin W. Anderson. A Taxonomy for Learning, Teaching, and Assessing: A Revision of Bloom's Taxonomy of Educational Objectives. Pearson, 2001.

LaFever, Marcella. "Switching from Bloom to the Medicine Wheel: Creating Learning Outcomes that Support Indigenous Ways of Knowing in Post-Secondary Education." *Intercultural Education (London, England)*, vol. 27, no. 5, 2016, pp. 409-424. <u>https://doi.org/10.1080/14675986.2016.1240496</u>

Lyon, Katherine, et al. "Faculty Perspectives on First Year Experiential Education in Large Arts Courses: Motivations, Methods, Barriers, and Facilitators." *Manuscript submitted for publication*.

Shabatura, Jessica. "Using Bloom's Taxonomy to Write Effective Learning Outcomes." Assignments & Measuring Student Learning. University of Arkansas. Retrieved from <u>https://tips.uark.edu/using-blooms-</u>

taxonomy/#:~:text=Bloom's%20Taxonomy%20is%20a%20classification%20of%20the%20different%20outcomes%20and,at%20the%20University%20of%20Chica
go.

"Universal Design for Learning." *Centre for Teaching, Learning and Technology*. University of British Columbia. Retrieved from <u>https://ctlt.ubc.ca/2023/08/24/universal-design-for-learning/</u>

"Universal Design for Learning Guidelines version 3.0." CAST. Retrieved from <u>https://udlguidelines.cast.org</u>

"Where to Start: Backward Design." *MIT Teaching* + *Learning Lab.* Massachusetts Institute of Technology. Retrieved from <u>https://tll.mit.edu/teaching-resources/course-design/backward-design/#:~:text="Backward%20Design"%20is%20an%20approach.of%20topics%20to%20be%20covered."</u>

Wiggins, Grant, and McTighe Jay. *Understanding by Design*. Association for Supervision & Curriculum Development, 1998.

Zhakysbay, Assem, and Valeria Pérez. FYEE Project [Part 1]: "Formulating evidence-based supports to minimize faculty barriers to experiential education in large first-year Arts courses." *ORICE*, August 2022. Retrieved from https://orice.ubc.ca/wp-content/uploads/sites/43/2023/08/Literature-Review-shareable-version.pdf

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