

## Fwd: Invitation to a virtual workshop on alternative assessment

Rungkarn Pongpopithak <rungkarnpo@nu.ac.th>  
ร่างจดหมาย

14 พฤศจิกายน 2567 เวลา 14:42

จาก: Bmb Thailand <bmbthailand@gmail.com>

ส่ง: 13 พฤศจิกายน 2567 12:19

ถึง: Bmb Thailand <bmbthailand@gmail.com>

ชื่อเรื่อง: Invitation to a virtual workshop on alternative assessment

กองพัฒนภาษาและกิจการต่างประเทศ

มหาวิทยาลัยนครสวรรค์

รับที่ **0926**

วันที่ **14 พ.ย. 2567** เวลา **14:30**

Dear Members,

Please refer to the message appended below on a Workshop on Alternative Assessment as part of a virtual series on assessment organised by the Inclusive Community for the Assessment of BMB Learning in collaboration with IUBMB and ASBMB.

Thank you and kind regards,  
BMB-Thailand

\*\*\*\*\*

**ICABL – an Inclusive Community for the Assessment of BMB Learning – is pleased to invite you to a virtual workshop on alternative assessment as part of our virtual series on assessment.** An Alternative Assessment workshop will be held during four two-hour virtual synchronous sessions during the first two weeks of December. We welcome new and returning members of this community of scientist-educators and invite you to read the details of the workshop below.

ICABL is a group of educators interested in exploring and implementing more effective and inclusive practices for assessing student learning in biochemistry and molecular biology (BMB). Funded by a grant from the United States' National Science Foundation and supported by the American Society for Biochemistry & Molecular Biology (ASBMB) in conjunction with the International Union of Biochemistry and Molecular Biology (IUBMB), ICABL hosts workshops that provide participants with a conceptual background for – and concrete practices in – designing assessments that effectively evaluate students' meeting defined learning objectives. The three-part ICABL workshop series, whose components may be taken in any order, addresses summative, formative, and alternative assessments. Topics covered include principles of question and activity design and rubric development, Bloom's taxonomy, universal design for learning, and backward design/understanding by design.

**Centered on alternative assessment, the workshop uses backward design/understanding by design, rubric design, and universal design for learning to improve teaching and learning in BMB.** During this workshop, participants will:

- Connect with BMB colleagues around the world who are interested in ongoing conversations about BMB teaching and learning, especially related to assessment, at local, regional, national and global levels.
- Participate in building capacity for an inclusive community focused on high-quality assessment in BMB.

1) เรียน อธิการบดี

สมาคมวิทยาศาสตร์แห่งประเทศไทย (Bmb Thailand) แจ้ง  
ว่า Inclusive Community for the Assessment of BMB Learning (ICABL)  
เรียนแจ้งการประชุมเชิงปฏิบัติการแบบออนไลน์ในหัวข้อ Alternative  
Assessment โดยมีวัตถุประสงค์เพื่อให้ผู้เข้าอบรมทราบถึง backward design,  
rubric design และ universal design เพื่อการเรียนรู้และปรับปรุงการเรียน  
การสอนทางด้าน Biochemistry and Molecular Biology (BMB) การบรรยาย  
แบ่งเป็น Pre-workshop ระยะเวลา 2 ชั่วโมง และการประชุมเชิงปฏิบัติการ  
แบ่งเป็นครั้งๆ ละ 2 ชั่วโมง จำนวน 4 ครั้ง (3, 5, 10 และ 12 ธ.ค. 67) ดังมี  
รายละเอียดตามเอกสารแนบ ผู้สนใจสามารถลงทะเบียนเข้าร่วมภายในวันศุกร์ที่  
22 พ.ย. 67 ได้ที่ <https://forms.gle/jqgV4shcWLLnfRH8> เห็นควรเรียนแจ้ง  
ไปยัง คณะ วิทยาลัยเพื่อประชาสัมพันธ์

ลงชื่อ.....

(นางสาวเรณูงาม วงศ์บัณฑิต)

รักษาราชการในตำแหน่งหัวหน้างานบริการกิจการต่างประเทศ

วันที่...../...../.....

ลงชื่อ.....

(นายจักรกฤษณ์ เพ็ญประจักษ์)

ผู้อำนวยการกองพัฒนาภาษาและกิจการต่างประเทศ

วันที่...../...../.....

2) (✓) ทราบ ดำเนินการตามเสนอ

( ).....

ลงชื่อ.....

(ดร.จรัสดาว คงเมือง)

รองอธิการบดีฝ่ายพัฒนานิสิต ศิษย์เก่า และศิลปวัฒนธรรม

ปฏิบัติราชการแทน อธิการบดีมหาวิทยาลัยนเรศวร

วันที่...../...../.....

- Learn about the alternative assessment cycle and how it supports more inclusive teaching.
- Use backward design to develop an alternative assessment for use in an upcoming course.
- Engage in iterative feedback with peers to reflect and refine the assessment.

By the end of the workshop, participants will be able to:

- Draw from ASBMB's four core concepts and skill areas to clearly articulate a measurable learning objective aligned with your course learning goals and associated assessment tasks.
- Apply the backward design/understanding by design to a specific aspect of a course to improve teaching and learning related to a key BMB concept or skill.
- Design a rubric to better identify an assessment(s) for a particular learning objective.
- Use Bloom's taxonomy and inclusive assessment principles to directly measure a particular learning objective.

**In partnership with Drs. Yang Mooi Lim (Universiti Tunku Abdul Rahman, Kajang, Malaysia), Nirma Samarawickrema (Monash University, Australia), and Tracey Kuit (University of Wollongong, Australia), this part of the interactive ICABL series will focus on the design of items for alternative assessment.** This workshop will be delivered as ~2 hours of an asynchronous online pre-workshop module followed by four synchronous two-hour sessions as outlined below. There will also be approximately 1-2 hours of individual work between sessions.

- **Tuesday, December 03**, 2 pm to 4 pm Australian Eastern Daylight Time (UTC +11)
- **Thursday, December 05**, 2 pm to 4 pm Australian Eastern Daylight Time (UTC +11)
- **Tuesday, December 10**, 2 pm to 4 pm Australian Eastern Daylight Time (UTC +11)
- **Thursday, December 12**, 2 pm to 4 pm Australian Eastern Daylight Time (UTC +11)

The pre-workshop asynchronous activities will provide participants the opportunity to explore the concepts of backward design and the development of learning objectives in preparation for the collaborative discussions around formative assessments and rubric design while attending synchronous online workshops that will expand your professional network.

Each participant who attends and completes the workshop\* will receive a certificate documenting their participation. By contributing their voices, participants will also help to grow and enrich the global BMB education community so that it better reflects the variety of institutions and individuals in BMB programs and classrooms.

If you are interested in joining the ICABL community by attending the workshop, please **REGISTER HERE by November 22, 2024**. (If the link does not work, you can find the full URL below or you may email the organizers at [info@icabl.org](mailto:info@icabl.org).) Due to the highly interactive nature of these workshops, spots are limited to 24 participants. Faculty or instructors currently teaching undergraduate BMB courses – and particularly those with a demonstrated commitment to broadening access to all students – are especially encouraged to apply.

Please feel free to share this invitation broadly within your professional communities of molecular life sciences instructors. If you have questions and/or wish to know

about future workshops (both virtual and in-person), please email the ICABL team at [info@icabl.org](mailto:info@icabl.org).

To stay in touch with the community and find out about other upcoming workshops, please consider joining our Slack channel where you can find out about future workshops, promote other workshops, share job postings, or anything else related to biochemistry and molecular biology instruction. To join, please email [info@icabl.org](mailto:info@icabl.org) to request access. When you join, check out the `_community_posts` channel, where you can introduce yourself and post items of potential interest to the group. We hope you join us and help keep our community humming and vibrant!

Registration link: <https://forms.gle/jqgV4shcWLLNfRH8>

If the link does not work, please email [info@icabl.org](mailto:info@icabl.org) for a direct application

Sincerely,  
The ICABL Team

Supported by NSF Grants DBI 2018204 and DBI 2120673

Dan Dries, PhD, Assistant Professor, Chapman University (PI)

Victoria Del Gaizo Moore, PhD, Associate Professor, Elon University (Co-PI)

Kim Linenberger Cortes, PhD, Associate Professor, Kennesaw State University (co-PI)

\*Completion includes attendance of the pre-workshop activities, in-person workshop scheduled sessions, and submission of the latest version of an individual's assessment question along with an associated statement of learning objectives and scoring rubric.