

2021 VIRTUAL PBL WORKSHOP

The Facilitation and Evaluation of Problem Based-Learning in Virtual Settings

(June 8 – 11, 2021)

“Have you been looking for a way to improve your PBL tutoring skill or enhance the effectiveness of your current PBL curriculum?”

Reflecting on the current pandemic situation, we decided to hold a **Fully Online Problem-Based Learning Workshop starting Tuesday, June 8 through Friday, June 11, 2021 using Zoom**. We set the class size limit to 16 people to ensure the best learning experience. We hope you can join us and learn from each other to advance the PBL curriculum and skills together.

We believe that the effective use and management of the virtual PBL curriculum must be a particular interest or an essential consideration for medical educators, as we all adapt to recent changes in the medical education environment caused by the pandemic. **Embracing the overarching theme of the virtual PBL environment, our workshop will focus on:**

- ❖ PBL tutor training in the virtual setting
- ❖ PBL case development and testing
- ❖ PBL curriculum design, evaluation, and IT infrastructure
- ❖ PBL curriculum innovation and Institutional change management

To meet **your learning needs on the virtual PBL process**, we are going to use a flipped classroom strategy, synchronous Zoom discussion, individual and group consultations, and virtual office hours during the workshop.

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

1. Articulate the principles of problem-based learning
2. Design a more effective PBL curriculum
3. Construct problems to be used in your PBL curriculum
4. Facilitate a PBL tutor group dedicated to collectively solving problems
5. Design an effective outcome assessment system for a tutor group and student learning

TENTATIVE DAILY SCHEDULE

(Central Standard Time)



Monday, June 7, 2021

5:00-6:00 PM (CST): Virtual Social Event (icebreaking, check-in)

Day One: Tuesday, June 8

8:30-9:20 Welcome to PBL Workshop, Introduction to PBL
9:30-10:20 Hands-on-PBL 1 (non-medical case opening)
10:20-11:10 Hands-on-PBL 2 (self-directed learning)
11:10-12:00 Hands-on-PBL 3 (case closing & reflection/discussion)
12:30-1:20 PBL Case Development 1 (orientation, working session & consultation)
1:20-1:30 Day 1 Wrap-Up & Day 2 Orientation
2:00-3:00 PBL Case and Curriculum Design and Innovation (Optional Working Session)

Day Two: Wednesday, June 9

8:30-9:20 Virtual Tutoring Orientation (virtual space, facilitation, concept mapping)
9:30-10:50 Virtual Tutoring 1 (case opening, within-group-reflection)
11:10-12:00 Whole Group Reflection and Coaching About the Virtual Tutoring 1
12:30-1:20 PBL Outcome Assessment (consultation & discussion)
1:20-1:30 Day 2 Wrap-Up & Day 3 Orientation
2:00-3:00 PBL Case and Curriculum Design and Innovation (Optional Working Session)

Day Three: Thursday, June 10

8:30-9:20 PBL Curriculum Design & IT System (consultation & discussion)
9:30-10:50 Virtual Tutoring 2 (case closing, within-group-reflection)
11:10-12:00 Whole Group Reflection and Coaching About the Virtual Tutoring 2
12:30-1:20 PBL Case Development 2 (working session & consultation)
1:20-1:30 Day 3 Wrap-Up & Day 4 Orientation
2:00-3:00 PBL Case and Curriculum Design and Innovation (Optional Working Session)

Day Four: Friday, June 11

8:30-9:20 Curriculum Innovation & Institutional Change (consultation & discussion)
9:30-10:20 Program Evaluation (consultation & discussion)
10:30-11:30 PBL Case Development 3 (working session & consultation)
12:00-1:30 Case Field Testing (consultation & discussion)
1:40-2:00 Group Reflection, Evaluation, & Farewell

- The SIU School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.
- The SIU School of Medicine designates this live activity for a maximum of 20 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.
- SIU School of Medicine is preapproved as a continuing nursing education provider pursuant to Section 1300.130, subsection c), 1), B) and P) of the Illinois Department of Financial and Professional Regulation Nurse Practice Act. Nurses may receive a maximum of 20 contact hours for completing this activity.
- SIU School of Medicine is a licensed provider for continuing education for social workers (license #159-000106), professional counselors/clinical counselors (license number 197-000073), and clinical psychologists (license #268-000008). This program offers a maximum of 20 CE hours.

WORKSHOP INSIGHT FROM PAST PARTICIPANTS

*The most valuable aspect
of this workshop is...*

*"Learning how PBL works and
how to develop PBL problems."*

*"Watching the PBL case unfold
and glitches and areas where
students got stuck. Seeing
other workshop participants
approach to PBL."*

*"Learning how to be an
effective tutor, being able to
practice, and case writing."*

*"The practice classes with the
volunteer students."*

*"Participating in an actual PBL
gave me insight on how it is to
be a learner."*

*"Hearing from and working
with people at other
institutions."*

*"Your entire team is a force of
positivity and productivity. You
model the collaborative
strategies that you were
teaching, and it was refreshing
to see. SIU workshops are
consistently memorable
because of your commitment to
best practices."*

PBL WORKSHOP AT SIU SCHOOL OF MEDICINE

PBL uses real-world, authentic problems to facilitate active learning, collaborative problem solving, critical thinking, and real-time knowledge exploration. Dr. Howard Barrows, a seminal figure in PBL, implemented a PBL curriculum at Southern Illinois School of Medicine (SIUSOM), and since its onset to the present day, the university has been recognized for this innovative pedagogy. In this hands-on workshop, faculty develop skills for integrating problem-based learning within their curriculum, including how to design a problem-based curriculum, draft essential problems, facilitate small groups, and assess students. Through interactive skills sessions, faculty will practice tutoring problems they are developing for their own curriculum. Educators from a wide range of academic disciplines, educational interests, and cultural backgrounds are welcome. Workshop participants come from a variety of interdisciplinary backgrounds, and this creates a collaborative space for sharing problem-development ideas, institutional challenges, and creative solutions.

FACULTY

Boyung Suh, PhD, the course director, is Assistant Professor of Medical Education at SIU School of Medicine. He earned a PhD in Learning, Leadership, and Organization Development at the University of Georgia. Dr. Suh is director of the Academy for Scholarship in Education and co-director of Professional Development Pillar at the Center for Human and Organizational Potential at SIU School of Medicine. He is a member of Educational Policy Council and Year 2, 3, and 4 Curriculum Advisory Committee.

Shelley Tischkau, PhD, is Professor and Chair of Departments of Pharmacology and Medical Microbiology, Immunology and Cell Biology (MMICB) at SIU School of Medicine. She earned a PhD in Molecular & Integrative Physiology from the University of Illinois at Urbana-Champaign. She teaches in the Endocrine/Reproduction/GI unit in the medical curriculum and is Chair of Educational Policy Council. Dr. Tischkau has a diverse background that includes teaching at the K-12, junior college, undergraduate and graduate levels. She has experience incorporating problem-based learning and team-based learning in curriculum design, faculty development and tutor training.

Anna Cianciolo, PhD, is Associate professor of Medical Education at SIU School of Medicine. She earned her Ph.D. in engineering psychology at the Georgia Institute of Technology in 2001, completed a 2-year postdoc at Yale University, and joined SIU in June 2011 with 10 years' experience in training and education research for the U.S. Army. Her research interests vary widely, including facilitator practices in small group instruction, clinical reasoning development and assessment, and educational program evaluation. Dr. Cianciolo is the Editor in Chief of Teaching and Learning in Medicine.

Heeyoung Han, PhD, is Associate Professor of Medical Education at SIU School of Medicine. She earned a PhD in Human Resource Education at University of Illinois at Urbana-Champaign. She serves as a deputy editor of Teaching and Learning in Medicine and an editorial board member of Human Resource Development Review and Korean Medical Education Review. She holds an elected position as the MESRE (Medical Education Scholarship Research and Evaluation) section chair of CGEA (Central Group on Educational Affairs) of AAMC (Association of American Medical Colleges).

Debra Klamen, MD, MHPE, is Professor and Chair of the Department of Medical Education at SIU School of Medicine. She is also the Senior Associate Dean for Education and Curriculum. She is trained as a psychiatrist and earned her MD from the University of Chicago. She completed a Masters of Health Professional Education at the University of Illinois at Chicago in 1998. Dr. Klamen has written numerous articles on medical school education, focusing on assessment and educational innovation.

REGISTRATION FORM



Registrations will be taken up to the starting date of the workshop based on space availability (Maximum 16 Participants).

Register on-line at: www.siumed.edu/cpd (In the drop-down under 'Learners', click on 'Conferences')
or

Fill out the following form, detach and mail with check or credit card information to:

Ron Wilshusen, Business Manager

SIU School of Medicine, PO Box 19622, Springfield, IL 62794-9622

Please make checks payable to *SIU School of Medicine*

Participant Information

Name: _____ Degree: _____

Institution: _____

Professional Title: _____

Business/Institution Address _____

City: _____ State _____ Zip Code: _____

Area Code/Phone: _____

Email Address: _____

Emergency Contact: _____

Are you interested in receiving CME credit for attendance (Max of 20) Yes No

Please check the appropriate box below: (You MUST register in advance)

Registration \$600

The conference fee includes registration and learning materials (presentations, templates, etc.).

Please select your payment method:

A check made out to SIU School of Medicine is included with my registration

Charge my credit card using the information below

Visa (\$_____) MasterCard (\$_____) Discover (\$_____)

Account # /Exp Date/ CVV2*/Zip Code

Signature of Card Holder/Date

*CVV2 is the 3-digit code in the signature box on the back of the credit card

SIU School of Medicine | June 8-11, 2021 | via Zoom