



SIU MEDICINE

Essentials of Problem-Based Learning (PBL)

SIU School of Medicine | June 18-21, 2019 | Springfield, IL

DO YOU WANT TO:

- **Use PBL to build competencies and critical thinking?**
- **Build meaningful problems connected to curriculum goals?**
- **Design a PBL curriculum and assess student learning?**

JOIN US FOR THIS EXPERIENTIAL WORKSHOP

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.

COURSE OBJECTIVES

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

1. Articulate the principles of problem-based learning.
2. Design a problem-based curriculum.
3. Construct three problems to be used in a problem-based curriculum.
4. Facilitate collaborative groups dedicated to collectively solving problems.
5. Design a performance based assessment system.

The Department of Medical Education

TENTATIVE DAILY SCHEDULE

Day One: Experience PBL, Tuesday June 18, 2019

7:45-8:15 Welcome and Continental Breakfast
8:15-10:30 Tutorial Process Session I: Hands-On PBL Experience
10:30-12:00 Self-Directed Learning
12:00-1:00 Catered Lunch
1:00-2:00 Faculty Mentor Insight: Essentials in a PBL Problem
2:00-4:30 Tutorial Process Session II: Hands-On PBL Experience
6:00-8:00 Group Dinner

Day Two: Create PBL, Wednesday, June 19, 2019

7:45-8:00 Continental Breakfast
8:00-9:00 Faculty Mentor Insight: Exploring the Role of the Tutor
9:00-12:00 Facilitator Session I: Interactive PBL Tutoring with Students
12:00-1:00 Catered Lunch and Discussion with Faculty Mentors
1:00-2:30 Faculty Mentor Insight: Techniques for Tutors
2:30-3:30 Faculty Mentor Insight: Outcomes Assessment in PBL
3:30-4:30 Working Session: Designing a PBL Problem

Day Three: Enhance PBL, Thursday, June 20, 2019

7:45-8:00 Continental Breakfast
8:00-8:30 Facilitator Insight for Today's PBL Session
8:30-11:00 Facilitator Session II: Interactive PBL Tutoring with Students
11:00-12:00 Working Session: Designing a PBL Problem
12:00-12:30 Catered Lunch
12:30-2:00 Facilitator Session III: Concept Mapping and Interactive Tutoring
2:00-3:00 Faculty Mentor Insight: Leading Institutional Change
3:00-4:00 Faculty Mentor Insight: Problem Based Learning Research

Day Four: Lead PBL, Friday, June 21, 2019

7:45-8:15 Continental Breakfast
8:15-11:00 Facilitation Session: Field Test Problems
11:00-12:00 Faculty Mentor: Designing a Problem Based Curriculum
12:00-2:00 Catered Lunch and Discussion on Institutional Curriculum Redesign
2:00-3:30 Individual Consultations on Leading PBL in Your Institution
3:30-4:00 PBL Graduation Ceremony

WORKSHOP INSIGHT FROM PAST PARTICIPANTS

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

“Learning how PBL works
and how to develop PBL prob-
lems.”

“Watching the PBL case un-
fold and glitches and areas
where students got stuck. See-
ing other workshop partici-
pants approach to PBL.”

“Learning how to be an effec-
tive tutor, being able to prac-
tice, and case writing.”

“Practicing with students.”

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

“Great workshop! I'm glad I
came to Springfield for this.
Well worth it.”



FACULTY

Jeanne Koehler, PhD

Jeanne Koehler is an assistant professor in the Department of Medical Education at SIU School of Medicine. She earned a Ph.D. in Curriculum and Instruction through University of Illinois, Urbana-Champaign. Her research has focused on teaching approaches that foster experiential learning, educational spaces beyond traditional classroom environments, and organizational change. She has taught in public schools, corporations, and in higher education.

Anna Cianciolo, PhD

Anna Cianciolo is an assistant 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*. In 2014, she was selected by the Association for Medical Education in Europe (AMEE) to win the Miriam Friedman Ben-David New Educator Award.

Heeyoung Han, PhD

Heeyoung Han is an assistant professor of Medical Education at SIU School of Medicine. She has educational background and work experiences in educational technology, online learning, and human resource development. She has multiple publications in medical education. Her primary research focuses on learning and performance improvement in technology rich environments.

Shelley Tischkau, PhD

Shelley Tischkau is an associate professor of Pharmacology at SIU School of Medicine. She earned a PhD in Molecular 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.

Debra Klamen, MD, MHPE

Debra L. Klamen, is Professor and Chair of the Department of Medical Education at SIU School of Medicine. She is also the Associate Dean for Education and Curriculum. 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.

HOTEL ACCOMMODATIONS

SIU has reserved a block of rooms with a standard room rate: **\$70 (single occupancy) or \$85 (double occupancy) per night + tax** at:

President Abraham Lincoln Hotel Springfield,
A Doubletree by Hilton Hotel
701 E. Adams Street
Springfield, IL 62701
Phone: (217) 544-8800 or (866) 788-1860

To make your reservation, call **(866) 788-1860** and let them know you are with **“SIU School of Medicine/PBL Workshop”** to receive the discounted rate. **Room requests must be received prior to May 15, 2019**

President Abraham Lincoln Hotel provides an airport shuttle between 6 a.m. to 11 p.m. To reach the shuttle service, call: (217)544-8800.

Transportation between hotel and SIU School of Medicine campus will be provided. Come to the hotel lobby at 7:30 am each morning to board the shuttle.

If you will drive to campus, you will need a parking permit. This permit will be free, but you will need to contact Ron Wilshusen (217) 545-7342 to receive parking directions and to obtain the permit.

GUARANTEE/NO-SHOW POLICY: All reservations must be accompanied by a first night room deposit or guaranteed with a major credit card. The hotel will not hold any reservations unless secured by one of the above methods. You may cancel your reservation up to 4:00 PM on day of arrival without penalty. If any reservation fails to check-in, he/she will be charged one night's room rate as a no-show fee.

CANCELLATION AND REFUND POLICY

For cancellations on or before May 31, 2019, a refund, less \$50.00 administration fee will be given. *No refunds will be given after May 31, 2019.* Should the workshop be cancelled by SIU School of Medicine, the School of Medicine assumes no financial responsibility beyond the registration fee.

Questions? Contact:
Ron Wilshusen
SIU School of Medicine
PO Box 19622
Springfield, IL 62794-9622
Phone: 217/545-7342



REGISTRATION FORM

To register, print this brochure, complete this form, and mail this form with check or credit card information to:

Ron Wilshusen, Business Manager
SIU School of Medicine
PO Box 19622
Springfield, IL 62794-9622

Participant Information

Name: _____ Degree: _____
Professional Title: _____
Business/Institution Address _____
City: _____ State _____ Zip Code: _____ Area Code/Phone: _____
Email Address: _____
Emergency Contact: _____

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

- Physician \$950 Physician \$1200 (After 4/24/19)
 Other professional \$950 Other professional \$1200 (After 4/24/19)

Special Requests

Breakfast and lunch are catered. We try our best to offer options based on dietary restrictions, but we may not be able to accommodate all dietary needs. If a meal does not meet your specific needs, a hospital cafeteria across the street is available.

Indicate Dietary Restrictions: _____

Accessibility: Wheelchair Access Breastfeeding Facility Other: _____

Payment Information

The conference fee includes registration, a copy of the *Tutorial Process*, conference materials, continental breakfast and catered lunch Tuesday through Friday, and a group dinner on Tuesday evening.

To protect your credit card information, we do not take credit card information over the phone or through electronic submission.

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*

A minimum class size of 8 must be reached by May 8, 2019 or the workshop will be cancelled. Registrations will be taken up to the date of the workshop based on space availability. *Remember to make your hotel reservation by May 15, 2019.*



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