

**Sunday, June 16                      Session C**

***Conference Banquet and Plenary 1 – Ballroom***  
**6:00pm**

Welcoming Remarks  
*Daniel Rich, Acting Provost, University of Delaware*

PBL – Back to the Future  
*Clyde F. Herreid, University at Buffalo, SUNY, NY, USA*

**Monday, June 17                      Session D**

***Plenary 2 – Ballroom***  
**8:00am**

Welcoming Remarks  
*David Roselle, President, University of Delaware*

To Teach and To Learn: The Past as Prologue  
*P. K. Rangachari, McMaster University, Canada*

**Monday, June 17**

**Session E**

**PBL and Student Development (Part 1) Paper Session - Room 308**

Chair: Beverly Williams

**E-0a 9:20am**

PBL and Skills Development: A Study of Students Perception

*Hortensia Jiménez Díaz, Monterrey Technological Institute of Higher Studies (ITESM), Monterrey, México*

**E-0b 9:50am**

Learner Perceptions of Control and Responsibility in Becoming Self Directed After One Year in a PBL Program

*Beverly Williams, University of Alberta, Alberta, Canada*

**E-0c 10:20am**

open

**PBL in Business and Engineering**

**Paper Session - Room 309**

Chair: Vincent Wertz

**E-1a 9:20am**

PBL, China and MBA Students

*Arnon Hadar, Dominican University of California, California, USA*

**E-1b 9:50am**

Problem- and Project-Based Learning in Engineering: a New Curriculum at Louvain University

*Vincent Wertz, Université catholique de Louvain, Belgium*

**E-1c 10:20am**

Evaluating a Problem/Project Based Learning Programme at the Engineering Faculty of UCL

*Christine Jacqmot, Auguste Laloux, Elie Milgrom, Benoît Raucent, Cécile VanderBorghet, Bourgeois Etienne, Frenay Mariane, and Benoît Galand, Université catholique de Louvain, Belgium*

**Classroom Experiences**

**Paper Session – Room 310**

Chair: Barbara Williams

**E-2a 9:20am**

Learning to Talk the Educational Psychology Talk Through a Problem-Based Course in Educational Psychology

*Ellina Chernobilsky and Cindy Hmelo-Silver, Rutgers University, New Jersey, USA*

**E-2b 9:50am**

PBL in Pre-University, Written Business Communication English for Specific Purposes Course

*Jim Bame, Utah State University, Utah, USA*

**E-2c 10:20am**

My Experience Using PBL in the Undergraduate Course Administrative Statistics

*Jose Humberto Ablanedo Rosas, Tecnológico de Monterrey Campus Hidalgo, México*

**Panel Session – Room 307**

**E-3 9:20am**

Creating Communication Problems: How 15 Faculty Spent 1 Summer Developing 4 Problems For 700 Students

*Lynnette Sandley and Dana Basinger, Samford University, Alabama, USA*

**Workshop – Room 301/302**

**E-4 9:20am**

Uniting Technology with PBL

*Amy Boros, Jodi Haney, and Chris Keil, Bowling Green State University, Ohio, USA*

**Workshop – Room 303**

**E-5 9:20am**

open

**Workshop – Room 314**

**E-6 9:20am**

Educational Principles and Problem-Based Curricula: Maintaining a Focus on Learning and Student Outcomes

*Katherine M. Edmondson and Kathleen M. Quinlan, College of Veterinary Medicine, Cornell University, New York, USA*

**Workshop – Room 315**

**E-7 9:20am**

Developing a University Mentorship Program for Nontraditional Teaching and Learning Techniques

*Ralph D. Johnson and Pamela R. Harris, School of Architecture, Montana State University, Montana, USA*

**ITUE Workshop – Room 316**

**E-8 9:20am**

Experience It Yourself: A Model for Active/Problem-Based Learning for All Classes

*Valerie Hans and Barbara Duch, University of Delaware*

**ITUE Workshop – Room 317**

**E-9 9:20am**

Group Dynamics 101: How Groups Work Effectively

*Deborah Allen, University of Delaware*

**Monday, June 17**

**Session F**

**Technology and PBL (Part 1)**

**Paper Session - Room 308**

*Chair: Leticia Ekhaml*

**F-0a 11:00am**

Using PBL Techniques in Online Education: A Case Study

*T. A. Griffin, New York University, New York, USA*

**F-0b 11:30am**

PBL in an Intercultural Setting

*Margit Hawelleck, Leonard Mjomba, and Chynarkul Ryskulova, Ohio University, Ohio, USA*

**Research on PBL (Part 1)**

**Paper Session - Room 309**

*Chair: E. J. Wood*

**F-1a 11:00am**

PBL - Exploiting Knowledge of How People Learn to Promote Effective Learning

*E. J. Wood, School of Biochemistry & Molecular Biology, University of Leeds, UK*

**F-1b 11:30am**

A Comparison of Time Spent in Educational Tasks Between Students in PBL and Traditional Physical Therapy Programs

*Letha B. Zook, Wheeling Jesuit University, West Virginia, USA*

**Favorite Problem (Part 1)**

**Paper Session - Room 310**

*Chair: Carolyn K. Manning*

**F-2a 11:00am**

Multilevel Use of PBL Scenarios: The Oil Spill Problem

*Kathryn Rowberg, Kathryn Hedges, and Kimberly Stahura, Purdue University Calumet, Indiana, USA*

**F-2b 11:30am**

How Thanksgiving Dinner Serves Up Food Science Concepts for PBL

*Carolyn K. Manning, University of Delaware, Delaware, USA*

**Panel Session - Room 307**

**F-3 11:00am**

Multidisciplinary Approach to Establishing and Supporting PBL Efforts at the University, College and Discipline Levels

*Ellen Lynch, Ellen Cook, Linda Ginter-Brown, Bert Huether, and Kristi Nelson, University of Cincinnati, Ohio, USA*

**Workshop - Room 301/302**

**F-4 11:00am**

PBL Amidst an Inquiry Life Science Course

*Ann Haley MacKenzie, Miami University, Ohio, USA*

**Workshop - Room 303**

**F-5 11:00am**

open

**Workshop - Room 314**

**F-6 11:00am**

Small Group Facilitation: Principles and Strategies for Giving Effective Feedback

*Michele Drummond-Young, Barbara Brown, Charlotte Noesgaard, and Patricia Ellis, School of Nursing, McMaster University, UK*

**Workshop - Room 315**

**F-7 11:00am**

Success in a PBL Course

*Sally Reagan, Faculty of Medicine and Dentistry, University of Western Australia, Australia*

**ITUE Workshop - Room 316**

**F-8 11:00am**

Integrating Technology with PBL

*George Watson, University of Delaware*

**ITUE Workshop - Room 317**

**F-9 11:00am**

Getting Started

*Susan Groh and Hal White, University of Delaware*

**Monday, June 17**

**Session G**

**PBL in Life Sciences**

**Paper Session - Room 308**

*Chair: Bert Huether*

**G-0a 1:30pm**

Content and Conflict: The Use of Current Events to Teach Content in an Introductory Biochemistry Course  
*Kathleen Cornely and Kerri Palamara, Providence College, Rhode Island, USA*

**G-0b 2:00pm**

Using PBL to Teach Plant Diversity: What's Up After Five Years?  
*Sylvie Laliberté, Alain Cuerrier, Suzanne Forget, and Claude Hamel, University of Quebec in Montreal, Quebec, Canada*

**G-0c 2:30pm**

Bioinformatics in a PBL Environment  
*Charlotte Zales and Susan Cronin, Immaculata College, Pennsylvania, USA*

**Faculty Development (Part 1)**

**Paper Session - Room 309**

*Chair: De Gallow*

**G-1a 1:30pm**

A Collaborative Peer to Peer Mentor Program: A Merging of Two Cultures  
*Charlotte Noesgaard, Patricia Ellis, Barbara Brown, and Michelle Drummond Young, School of Nursing, McMaster University, UK*

**G-1b 2:00pm**

A Multi-Stage Approach to Faculty Development: Teaching Nursing Faculty to do PBL  
*Constance M. Baker, Indiana University School of Nursing, Indiana, USA*

**G-1c 2:30pm**

"I'm Still Awake, Interested, and Motivated": PBL in Large Service Courses  
*De Gallow, University of California, Irvine, California, USA*

**Getting Started (Part 1)**

**Paper Session - Room 310**

*Chair: Harry Shipman*

**G-2a 1:30pm**

Students Themselves as the First Case Scenario in a PBL Program  
*Phillip Chan, Jane Gamble, Hal Davey, and Susan Griffin, School of Occupation and Leisure Sciences, University of Sydney, Australia*

**G-2b 2:00pm**

Faculty Training Program in PBL  
*Enrique A. León Langridge, Monterrey Technological Institute of Higher Studies (ITESM), Monterey, México*

**G-2c 2:30pm**

open

**Panel Session - Room 307**

**G-3 1:30pm**

PBL in the Humanities: What's the Problem?  
*David W. Chapman, Samford University, Alabama, USA, and Lies Wesseling, University of Maastricht, The Netherlands*

**Workshop - Room 301/302**

**G-4 1:30pm**

Who Is in This Group, Anyway?  
*Sheella Mierson, Creative Learning Solutions, Inc., Delaware, USA*

**Workshop - Room 303**

**G-5 1:30pm**

open

**Workshop - Room 314**

**G-6 1:30pm**

PBL: Teaching Human Service Graduate Students Assessment Competencies  
*Laura Kaplan, Linda Wermeling, Latonya Hesterberg, and Ginny Luftman, College of Social Work, University of Kentucky, Kentucky, USA*

**Workshop - Room 315**

**G-7 1:30pm**

open

**ITUE Workshop - Room 316**

**G-8 1:30pm**

Experience It Yourself:  
A Model for Active/Problem-Based Learning for All Classes  
*Hal White and George Watson, University of Delaware*

**ITUE Workshop - Room 317**

**G-9 1:30pm**

Writing Effective Problem-Based Materials  
*Valerie Hans and Barbara Duch, University of Delaware*

**Monday, June 17**

**Session H**

**Technology and PBL (Part 2)**

**Paper Session - Room 308**

**Chair: Margit Hawelleck**

**H-0a 3:10pm**

PBL in the Virtual Environment

*Ellen K. Williamson and Arie van Duijn, Florida Gulf Coast University, Florida, USA*

**H-0b 3:40pm**

The Use of PBL in a WebCT Course

*Leticia Ekhaml, State University of West Georgia, Georgia, USA*

**H-0c 4:10pm**

Integrating PBL and the WWW in an Undergraduate Kinesiology Course

*Stephen P. Yang, Virginia Polytechnic Institute and State University, and James R. Sexsmith, University of New Brunswick, New Brunswick, Canada*

**PBL in Health Care (Part 1)**

**Paper Session - Room 309**

**Chair: Kathleen Schell**

**H-1a 3:10pm**

PBL Across Courses: A Classroom Model to Facilitate Transition to Clinical Practice

*Kathleen Schell and Christine Cannon, University of Delaware, Delaware, USA*

**H-1b 3:40pm**

Rather Than Being Told: Reflections on Using PBL to Raise Cultural Awareness in a Nursing Curriculum

*Christine Hogg, Moira McLoughlin, and Angela Darvill, University of Salford, UK*

**H-1c 4:10pm**

open

**PBL in Humanities and Social Science (Part 1)**

**Paper Session - Room 310**

**Chair: Linda Ginter-Brown**

**H-2a 3:10pm**

PBL: A New Chapter in Literacy Studies

*W.B. Hutchings and Karen O'Rourke, University of Manchester, UK*

**H-2b 3:40pm**

open

**H-2c 4:10pm**

open

**Panel Session - Room 307**

**H-3 3:10pm**

A Multi-dimensional Approach for Implementing Faculty Development in Problem-Based Learning

*Barbara Brown, Michele Drummond-Young, Patricia Ellis, and Charlotte Noesgaard, School of Nursing, McMaster University, Ontario, Canada*

**Workshop - Room 301/302**

**H-4 3:10pm**

Integrating Design and Assessment in PBL

*Jill L. Lane and D. Kent Johnson, Schreyer Institute for Innovation in Learning, The Pennsylvania State University, Pennsylvania, USA*

**Workshop - Room 303**

**H-5 3:10pm**

Developing Effective Biochemistry Student Leaders: Knowledge vs. Training?

*Terry Platt, Eugene Barber, and Vicki Roth, University of Rochester, New York, USA*

**Workshop - Room 314**

**H-6 3:10pm**

Making a "Case" for Problem-Based Learning From Students' Educational Experiences

*Jeanene Reese, Robert Oglesby, and Sonny Guild, Abilene Christian University, Texas, USA*

**Workshop - Room 315**

**H-7 3:10pm**

Problem-Based Learning: Engaging Students in Their Communities

*Peter L. Temple, Keene State College, New Hampshire, USA and Thomas M. Julius, Antioch Graduate School of New England, New Hampshire, USA*

**ITUE Workshop - Room 316**

**H-8 3:10pm**

Group Dynamics 101: How Groups Work Effectively

*Deborah Allen, University of Delaware*

**ITUE Workshop - Room 317**

**H-9 3:10pm**

open

**Tuesday, June 18**

**Session J**

*Plenary 3 – Ballroom*

**8:00am**

Deconstructing Problem-Based Learning Facilitation

*Maggi Savin-Baden, Coventry University, UK*

**Tuesday, June 18**

**Session K**

***PBL and Student Development (Part 2)***

***Paper Session - Room 308***

***Chair: Carol Denson***

**K-0a 9:20am**

Connecting Reality to Leadership Studies Through PBL  
*James L. Morrison, University of Delaware, Delaware, USA*

**K-0b 9:50am**

A PBL Alternative to the Empirical Research Thesis in Ed.D. and Similar Advanced Degree Programs  
*Douglas A. Archbald, University of Delaware, Delaware, USA*

**K-0c 10:20am**

An Experimental PBL Course: Leadership in Disability Policy  
*Carol R. Denson, University of Delaware, Delaware, USA, and Jackie Gallagher, Red Clay School District, Delaware, USA*

***PBL in Health Care (Part 2)***

***Paper Session - Room 309***

***Chair: John Bartley***

**K-1a 9:20am**

Evaluating a Partially Problem Based Curriculum: A Case Study  
*Kathleen M. Quinlan and Katherine M. Edmondson, College of Veterinary Medicine, Cornell University, New York, USA*

**K-1b 9:50am**

Development and Implementation of an Accelerated Baccalaureate Nursing Program Using PBL  
*Peggy Ellis, Gretchen Drinkard, Melodie Rowbotham, and Linda Sherman, Barnes College of Nursing, University of Missouri - St. Louis, Missouri, USA*

**K-1c 10:20am**

**open**

***PBL in Physics***

***Paper Session - Room 310***

***Chair: Edmund Nowak***

**K-2a 9:20am**

Physics First in the "First State"  
*Mary Ann Wells, University of Delaware, Delaware, USA*

**K-2b 9:50am**

Interactive Physics Software and PBL in Introduction to Physical Science  
*Charles M. Kopay, University of Delaware, Delaware, USA*

**K-2c 10:20am**

Six-year Evolution of a PBL Physics Course  
*Barbara A. Williams, University of Delaware, Delaware, USA*

***Panel Session - Room 307***

**K-3 9:20am**

Using Technology to Enhance PBL in Dietetic Education  
*Elizabeth M. Lieux and Ann Rucinski, University of Delaware, Delaware, USA*

***Workshop - Room 301/302***

**K-4 9:20am**

The Way (and Why) They Do The Things They Do: Understanding And Responding to the Learning Behaviors of New College Students  
*Karen E. Desotelle, Marquette University, Wisconsin, USA*

***Workshop - Room 303***

**K-5 9:20am**

Introducing PBL and Technology into Your Classroom  
*Phyllis S. Laine, Xavier University, Ohio, USA*

***Workshop - Room 314***

**K-6 9:20am**

Welcoming New and Adjunct Faculty into the Learning College  
*David Hosman, Helen Clarke, and Patrick Nellis, Valencia Community College, Florida, USA*

***Workshop - Room 315***

**K-7 9:20am**

Providing Assessment and Giving Feedback in Small Groups  
*William Gale, University of New Mexico, New Mexico, USA*

***ITUE Workshop - Room 316***

**K-8 9:20am**

Writing Effective Problem-Based Materials  
*Valerie Hans and George Watson, University of Delaware*

***ITUE Workshop - Room 317***

**K-9 9:20am**

Group Dynamics and Conflict Management  
*Deborah Allen, University of Delaware*

**Tuesday, June 18**

**Session L**

**Hybrid PBL**

**Paper Session - Room 308**

*Chair: Frank Dinan*

**L-0a 11:00am**

Chemistry by the Case: A Hybrid PBL/Case Study Approach to Teaching  
*Frank Dinan, Canisius College, New York, USA*

**L-0b 11:30am**

Evaluation of a Hybrid Course Using PBL

*Harry R. Matthews, University of California, Davis, California, USA*

**Research on PBL (Part 2)**

**Paper Session - Room 309**

*Chair: Letha Zook*

**L-1a 11:00am**

Comparison of Student Confidence in Clinical Experiences between Students in PBL and Traditional Physical Therapy Programs  
*Letha B. Zook, Wheeling Jesuit University, West Virginia, USA*

**L-1b 11:30am**

The Use of PBL Techniques in a Basic Science Course

*Jozsef Szeberenyi, Medical School, University of Pecs, Hungary*

**Getting Started (Part 2)**

**Paper Session - Room 310**

*Chair: Christine Jacqmot*

**L-2a 11:00am**

How to Get into PBL, Fast

*Christine Jacqmot, Elie Milgrom, and Benoît Raucent, Universite catholique de Louvain, Belgium*

**L-2b 11:30am**

Introducing PBL & Self-Directed Learning: A Formula for Success

*Patricia Ellis, Charlotte Noesgaard, Barbara Brown, and Michelle Drummond Young, School of Nursing, McMaster University, UK*

**Panel Session - Room 307**

**L-3 11:00am**

open

**Workshop - Room 301/302**

**L-4 11:00am**

PBL in Large Classes: Overcoming the Barriers

*Harry L. Shipman, University of Delaware, Delaware, USA*

**Workshop - Room 303**

**L-5 11:00am**

A PBL Program in Biology at University of Quebec In Montreal: A Discussion of Objectives and Perceptions

*Laurent Poliquin, William Vickery, Yves Mauffette, and Sylvie Laliberté, University of Quebec in Montreal, Quebec, Canada*

**Workshop - Room 314**

**L-6 11:00am**

Integrating PBL with Effective Internet Teaching Strategies in Educational Leadership

*Mark D Myers, Indiana University Purdue University Wayne, Indiana, USA, and Ayfer Alper (2),*

**Workshop - Room 315**

**L-7 11:00am**

Fostering University and K-12 Partnerships for Implementing PBL

*Richard Donham, Deborah Allen, Philip Hershey, and Jill Scannell, University of Delaware, Delaware, USA*

**ITUE Workshop - Room 316**

**L-8 11:00am**

The First Week of Class

*George Watson, University of Delaware*

**ITUE Workshop - Room 317**

**L-9 11:00am**

Getting Started

*Susan Groh and Hal White, University of Delaware*

**Tuesday, June 18**

**Session M**

***Technology and PBL (Part 3)***

***Paper Session - Room 308***

***Chair: Mary Ann Wells***

**M-0a 1:30pm**

Ecosystems and Web Pages as Tools For Problem Based Learning  
*Robert C. Anderson, Wisconsin Lutheran College, Wisconsin, USA*

**M-0b 2:00pm**

Hybridising PBL in a Hybrid Learning Environment  
*Andrew Honeybone, University of Hertfordshire, UK*

**M-0c 2:30pm**

Web-Enhanced Project-Based Learning: An Implementation for Elementary Science Lessons in Taiwan  
*Hsin-Yih (Cindy) Shyu, Tamkang University, Taiwan*

***PBL in Humanities and Social Science (Part 2)***

***Paper Session - Room 309***

***Chair: Douglas A. Archbald***

**M-1a 1:30pm**

Learning By Living The Role  
*Margaret Liddle, Hong Kong Polytechnic University, Hong Kong*

**M-1b 2:00pm**

Literacy, Community, and Democracy: Problem-Based and Service-Learning in Honors Literature and Literacy  
*Floyd Ogburn, University of Cincinnati, Ohio, USA*

**M-1c 2:30pm**

Chronological Content Sequencing, Thematic Sequencing, and PBL  
*Ronen Hammer, Shmuel Shamai, Yoram Eset, and Ayelet Shavit, Tel-Hai Academic College, Israel*

***Getting Started (Part 3)***

***Paper Session - Room 310***

***Chair: Charles Wilson***

**M-2a 1:30pm**

Escaping the Lecture; PBL as a Component of Student-Centered Teaching  
*Neil Sabine, Indiana University East, Indiana, USA*

**M-2b 2:00pm**

Novice Instructors and Student-Centered Instruction: Identifying and Addressing Obstacles to Learning in the College Science Laboratory  
*Dale Winter, Paula P. Lemons, Jack Bookman, and William Hoese, Duke University, North Carolina, USA*

**M-2c 2:30pm**

A Protein-Drink Problem to Teach Biochemistry  
*Neena Grover, Colorado College, Colorado, USA*

***Panel Session - Room 307***

**M-3 1:30pm**

Problem-Based Living and Learning and the Reification of Discourse Communities  
*Cecilia Infante and Penny Pasque, University of Michigan, Michigan, USA*

***Workshop - Room 301/302***

**M-4 1:30pm**

Determining Multidimensional Outcome Considerations in Assessing the Efficacy of PBL  
*Phyllis Blumberg, University of the Sciences in Philadelphia, Pennsylvania, USA*

***Workshop - Room 303***

**M-5 1:30pm**

Development of a Problem-Based Biochemistry Laboratory Curriculum  
*Mary E. Peek, School of Chemistry and Biochemistry, Georgia Institute of Technology, Georgia, USA*

***Workshop - Room 314***

**M-6 1:30pm**

Designing Problems for Teacher Education Courses  
*Sara Sage, Indiana University South Bend, Indiana, USA*

***Workshop - Room 315***

**M-7 1:30pm**

The Art of Group Facilitation  
*Clara Gerhardt and Dan Sandifer-Stech, Samford University, Alabama, USA*

***ITUE Workshop - Room 316***

**M-8 1:30pm**

Experience it Yourself: A Model for Active/Problem-Based Learning for All Classes (if needed)  
*Valerie Hans and Hal White, University of Delaware*

***ITUE Workshop - Room 317***

**M-9 1:30pm**

Assessment of Learning in Student-Centered Courses  
*Susan Groh and Barbara Duch, University of Delaware*

**Tuesday, June 18**

**Session N**

**Education and PBL**

**Paper Session - Room 308**

*Chair: James L. Morrison*

**N-0a 3:10pm**

Use of PBL with Preservice Teachers: Does PBL Support the Development of Critical Thinking Skills?  
*Mary O'Brian, Illinois State University, Illinois, USA*

**N-0b 3:40pm**

The Quest for "Authenticity" in PBL: Reflections on PBL in Pre-Service Teacher Education Courses  
*Tony Whitson, John St. Julien, and Eugene Matusov, University of Delaware, Delaware, USA*

**N-0c 4:10pm**

open

**PBL in the Laboratory**

**Paper Session - Room 309**

*Chair: Charles Kopay*

**N-1a 3:10pm**

Use of a PBL Method in a Chemistry Laboratory

*Ujwala C. Panse, Pine Manor College, Massachusetts, USA, and Chandrakant S. Panse, Mass Bay Community College, Massachusetts, USA*

**N-1b 3:40pm**

Use of the PBL Approach to Introduce Laboratory Experiments Based on the Concepts in Chemistry

*Ujwala C. Panse, Pine Manor College, Massachusetts, USA, and Chandrakant S. Panse, Mass Bay Community College, Massachusetts, USA*

**N-1c 4:10pm**

Design and Implementation of PBL in Fundamental Chemistry Subjects

*Jianjun Wang, Yong Chua Teo, Seng Poon Ong, Hong Kee Lee, Wee Wee Ng, Ping Nam Teong, and Pauline M.N. Low, Temasek Polytechnic, Singapore*

**Multicultural Aspects**

**Paper Session - Room 310**

*Chair: Philip Hershey*

**N-2a 3:10pm**

Polynesian Wayfinding: Using PBL to Introduce Multiculturalism into a Physical Science Course

*Harry L. Shipman, University of Delaware, Delaware, USA*

**N-2b 3:40pm**

Meeting the Goals of a Feminist Pedagogy in Media Studies through PBL

*Margit Hawelleck and Karin Sandell, Ohio University, Ohio, USA*

**N-2c 4:10pm**

EC-US Cooperation on Problem-Based Learning

*David W. Chapman, Samford University, Alabama, US and Lies Wesseling, University of Maastricht, The Netherlands*

**Panel Session - Room 307**

**N-3 3:10pm**

Transforming the Writing Classroom

*Stuart Blerch and Wayne Hall, University of Cincinnati, Ohio, USA*

**Workshop - Room 301/302**

**N-4 3:10pm**

What's So Special About PBL? Not a Lot, Really!

*Ronald Macdonald, Sheffield Hallam University, UK*

**Workshop - Room 303**

**N-5 3:10pm**

Incorporating PBL into a Course

*Terry Bosworth, Geri Dees, Carla Sullivan and Marylouise Welch, St. Joseph College, Connecticut, USA*

**Workshop - Room 314**

**N-6 3:10pm**

Is There a Role for Course Management Systems in Your PBL Lesson Plans?

*Paul Hyde and Erin Sicuranza, University of Delaware, Delaware, USA*

**Workshop - Room 315**

**N-7 3:10pm**

Interdisciplinary PBL: Exercise Science at Samford University

*Stephen Ruble and Donna Dunaway, Samford University, Alabama, USA*

**ITUE Workshop - Room 316**

**N-8 3:10pm**

Writing Effective Problem-Based Materials

*Valerie Hans and Barbara Duch, University of Delaware*

**ITUE Workshop - Room 317**

**N-9 3:10pm**

Peer Facilitators in PBL Courses

*Deborah Allen and Hal White, University of Delaware*

**Wednesday, June 19      Session P**

***Plenary 4 – Ballroom***

**8:00am**

The Role of Collaboration in Designing and Practicing PBL

*Karl A. Smith, University of Minnesota, USA*

**Wednesday, June 19      Session Q**

**Favorite Problem (Part 2)**

**Paper Session - Room 308**

*Chair: Linda Dion*

**Q-0a    9:20am**

AIDS Research as a PBL problem

*Neena Grover, Colorado College, Colorado, USA*

**Q-0b    9:50am**

"Where is Rubena's world?"

*Christine Hogg, Angela Darvill, and Moira McLoughlin, School of Nursing, University of Salford, UK*

**Q-0c    10:20am**

Designing Problems on Difficult Topics: A Disney World Approach

*Linda Dion, University of Delaware, Delaware, USA*

**Faculty Development (Part 2)**

**Paper Session - Room 309**

*Chair: Ellen Lynch*

**Q-1a    9:20am**

Infusing PBL Across the Curriculum, a Team Approach

*Debra L. Stamper, King's College, Pennsylvania, USA*

**Q-1b    9:50am**

Perception of Teaching by Science Educators: How Does it Apply in a PBL Environment?

*Yves Mauffette, University of Quebec in Montreal, Quebec, Canada, and Peter Kandlbinder, University of Newcastle, Australia*

**Q-1c    10:20am**

Exploring Active Learning Strategies: Examples from Michigan State University

*Cynthia Jackson-Elmoore and Neeraj Buch, Michigan State University, Michigan, USA*

**Diversity Issues**

**Paper Session - Room 310**

*Chair: Joshua Duke*

**Q-2a    9:20am**

PBL: An Equitable Experience?

*Ronald Macdonald, Sheffield Hallam University, Sheffield, UK, and Jon Scaife, Sheffield University, Sheffield, UK*

**Q-2b    9:50am**

The African University Faculty in a Typical Classroom: The Cameroon Experience

*Sampson N. B. Mbene, Southwestern University Kumba, Cameroon*

**Q-2c    10:20am**

open

**Panel Session - Room 307**

**Q-3    9:20am**

Assessment and Feedback: Standards-Based Assessment of Student Learning

*Leontyne L. Lewis, Thaddeus Phillips, and Lori Harris, Coppin State College, Maryland, USA*

**Workshop - Room 301/302**

**Q-4    9:20am**

Reflective Practice: PBL Portfolios and the Scholarship of Teaching

*Eric Fournier, Clara Gerhardt, George Keller, and Stephen Ruble, Samford University, Alabama, USA*

**Workshop - Room 303**

**Q-5    9:20am**

Experience PBL: An Introduction to "James"

*Beverly Williams and Rene Day, University of Alberta, Alberta, Canada*

**Workshop - Room 314**

**Q-6    9:20am**

So Why Isn't it Going Better?

*John C. Bennett, Jr., University of Connecticut, Connecticut, USA*

**Workshop - Room 315**

**Q-7    9:20am**

Are You Finding What You Need?

*Alexius Smith Macklin and Michael Fosmire, Purdue University Library, Indiana, USA*

**ITUE Workshop - Room 316**

**Q-8    9:20am**

Assessment of Learning in Student-Centered Courses

*Susan Groh and Barbara Duch, University of Delaware*

**ITUE Workshop - Room 317**

**Q-9    9:20am**

Group Dynamics and Conflict Management

*Deborah Allen, University of Delaware*

**Wednesday, June 19      Session R**

**PBL in Health Care (Part 3)**

**Paper Session - Room 308**

*Chair: Yves Mauffette*

**R-0a      11:00am**

Peeling Back the Layers: The Creation and Application of a PBL Model

*Christine Hogg, Angela Darvill, and Moira McLoughlin, School of Nursing, University of Salford, UK*

**R-0b      11:30am**

Rural Week: The Application of Student-Directed Learning to the Practical Setting

*Sally Reagan, Faculty of Medicine and Dentistry, University of Western Australia, Australia*

**Distance Learning (Part 1)**

**Paper Session - Room 309**

*Chair: Gabriele Bauer*

**R-1a      11:00am**

Overcoming the Challenges of PBL on the WWW using Activity Theory

*Kay Wijekumar, The Pennsylvania State University, Pennsylvania, USA*

**R-1b      11:30am**

Students' Perceptions of Their Learning Skills Working Through PBL for First Time: The Case of Virtual University

*Maria Alma Hernandez Arechiga, Virtual University, ITESM Monterrey, México*

**Curricular Development (Part 1)**

**Paper Session - Room 310**

*Chair: Elizabeth M. Lieux*

**R-2a      11:00am**

Faculty and Student Preparation for Multidisciplinary Food Science PBL Cluster at Temasek Applied Science School

*Loh Gin Hin, Lim Darwis Rianto, and Vijayakumari Seevaratnam, Temasek Polytechnic, Singapore*

**R-2b      11:30am**

Our PBL Journey in Managing Implementation Models at Temasek

*Loh Gin Hin, Lim Darwis Rianto, Loh Han Liat, and Vijayakumari Seevaratnam, Temasek Polytechnic, Singapore*

**Panel Session - Room 307**

**R-3      11:00am**

Perceptions of Portfolios: The Peer Review of PBL-Course Portfolios

*Janet Alexander, Carol Dean, Eric Fournier, and Marlene Reed, Samford University, Alabama, USA*

**Workshop - Room 301/302**

**R-4      11:00am**

Assessment of Long-Term, Student-Designed Projects in a Large Class

*Harry L. Shipman, University of Delaware, Delaware, USA*

**Workshop - Room 303**

**R-5      11:00am**

Writing the Scientific Abstract Using Learning Groups

*Debbie Huerta, Colgate University, New York, USA*

**Workshop - Room 314**

**R-6      11:00am**

open

**Workshop - Room 315**

**R-7      11:00am**

PBL at ITESM: Different Approaches for Different Fields

*Carlos Astengo-Noguez, ITESM: Instituto Tecnológico y de Estudios Superiores de Monterrey, México*

**ITUE Workshop - Room 316**

**R-8      11:00am**

The First Week of Class

*George Watson, University of Delaware*

**ITUE Workshop - Room 317**

**R-9      11:00am**

Models for PBL in Small, Medium and Large Classes

*Susan Groh and Hal White, University of Delaware*

**Wednesday, June 19      Session S**

**Poster Session**

**12:30pm**

**S-01** The Effectiveness of Collaborative Learning in a Nursing Course

*Li-Ling Hsu, Chang-Gung Institute of Nursing, Taiwan*

**S-02** Educational Experience and Preparation for Professional Practice: A Survey of Graduating Students and Graduates. Interim Analysis

*Anne Marie Whelan, Susan Mansour, and Patrick Farmer, College of Pharmacy, Dalhousie University, Nova Scotia, Canada*

**S-03** Multiple-choice Progress Examination: Comparison of Traditional and PBL-Based Curricula. Interim Analysis

*Anne Marie Whelan, Susan Mansour, and Patrick Farmer, College of Pharmacy, Dalhousie University, Nova Scotia, Canada*

**S-04** Learning to Use Digital Science Databases: An Undergraduate Group-Learning Project

*Debbie Huerta, Colgate University, New York, USA*

**S-05** Use of a Course Management System to Increase Interaction among Pre-Health Professions Clinical Affiliation Students

*Edward R. O'Connor and Michelle M. Geremia, Quinnipiac University, Connecticut, USA*

**S-06** PBL as Reinforcement of Knowledge

*Tar Ortiz, Raul Perez, Omar Olmos, and Evelin Salgado, ITESM: Instituto Tecnológico y de Estudios Superiores de Monterrey, Campus Toluca, México*

**S-07** Evaluation of PBL Students in the Classroom

*Latonya Hesterberg and Ginny Luftman, College of Social Work, University of Kentucky, Kentucky, USA*

**S-08** Patient Management: a Case-Based Pharmacy Elective

*Amy H. Schwartz, School of Pharmacy and AHP, Creighton University, Nebraska, USA*

**S-09** Student Impressions of the PBL System of the Bpharm Programme Offered in Partnership by Two Tertiary Education Institutions in South Africa

*G.M. Enslin, M. Chetty, J.H. Hamman, M.M.J. Lowes, E. Olivier, and R.S. Summers, Technikon Pretoria, South Africa*

**S-10** Improving Students' Learning: PBL in a Nursing Curriculum

*Terry Bosworth and Marylouise Welch, St. Joseph College, Connecticut, USA*

**S-11** Samford University's PBL Peer Review of Course Portfolios

*Mary Sue Baldwin, James Eck, and Valerie McCombs, Samford University, Alabama, USA*

**S-12** PBL Is a Puzzle...

*Javier Urbina Armenta, Technologic of Monterrey, México*

**S-13** PBL - Harmonious in Theory! Discordant in Performance?

*John Bartley, University of Delaware, Delaware, USA*

**S-14** Problem-Based Learning for Introductory Physics Laboratories

*Edmund Nowak, Travis Mitchell, Norbert Mulders, Karl Unruh, Barry Walker, and George Watson, University of Delaware, Delaware, USA*

**S-15** An Illuminating Framework: Facilitating the Quality of Scenarios/Enigmas

*Susan Brock, School of Health, New Cross Hospital, Wolverhampton, UK*

**S-16** A Pilot Experience on Training Adult Instructors to Use PBL in a Technological Environment

*Maria E. Reyes, CONEVYT (National Council for Lifelong Learning and Job Skills), México, and Carlos Guevara, INEA (National Institute for Adult Basic Education), México*

**Wednesday, June 19      Session T**

**Plenary 5 - Ballroom**

**1:30pm**

Key Cognitive Processes in PBL Practices: Insights for PBL Facilitators

*Oon-Seng Tan, Nanyang Technological University, Singapore*

**Wednesday, June 19      Session U**

**Groups**

**Paper Session - Room 308**

*Chair: Ellen Cook*

**U-0a      2:40pm**

The Factors Related to Class Room Team Performance

*Thomas W. Kent, School of Business & Economics, College of Charleston, South Carolina, USA*

**U-0b      3:10pm**

Collaborative Discourse in a PBL Tutorial

*Cindy Hmelo-Silver, Rutgers University, New Jersey, USA*

**U-0c      3:40pm**

PBL Tutorial Discussion - A Collaborative Knowledge Construction Site

*Merja Alanko-Turunen, Helia School of Vocational Teacher Education, Finland*

**Professional Development (Part 1)**

**Paper Session - Room 309**

*Chair: Stephen Ruble*

**U-1a      2:40pm**

Educational Innovation for the Knowledge-Based Economy: Development of an Authentic PBL Education Model in Business Marketing

*Lynda Wee Keng Neo and Megan Kek Yih Chyn, Temasek Polytechnic, Singapore*

**U-1b      3:10pm**

open

**U-1c      3:40pm**

open

**PBL in Biology**

**Paper Session - Room 310**

*Chair: Richard Donham*

**U-2a      2:40pm**

Design and Experience with a PBL Course Integrating Subjects in Cell Biology, Biochemistry, Genetics And Introductory Molecular Biology

*Laurent Poliquin, Jocelyn Forget, and Louise Brissette, University of Quebec in Montreal, Quebec, Canada*

**U-2b      3:10pm**

Evolution of a PBL Introductory Biology Course: The Cal State San Marcos Experience

*Victoria J. Fabry, California State San Marcos, California, USA*

**U-2c      3:40pm**

open

**Panel Session - Room 307**

**U-3      2:40pm**

Legal Problems: Using PBL in Law-Related Courses

*Joshua Duke, David Gulick, Valerie Hans, and James J. Magee, University of Delaware, Delaware, USA*

**Workshop - Room 301/302**

**U-4      2:40pm**

Creating a PBL Course Portfolio to Document the Scholarship of Teaching

*Janet Alexander, Mary Sue Baldwin, Bryan Johnson and Mary Monk-Tutor, Samford University, Alabama, USA*

**Workshop - Room 303**

**U-5      2:40pm**

Using Medical Cases to Teach Human Biology

*Merle S. Bruno, Christopher Jarvis, and Laura Wenk, Hampshire College, Massachusetts, USA*

**Workshop - Room 314**

**U-6      2:40pm**

The Use of Concept-Mapping in Problem-Based, Student Directed Learning Segments in a Traditional Curriculum

*Philip Conran and Christine Taylor, Medical College of Ohio, Ohio, USA*

**Workshop - Room 315**

**U-7      2:40pm**

The Problem with Assessment: Matching Curricular Goals with Student Learning Outcomes in a PBL Environment

*Kristi L. Arndt, consultant, Alabama, USA*

**Workshop - Room 316**

**U-8      2:40pm**

PBL Using Peer-Led Team Learning (PLTL)

*Esther J. Gibbs, Shai Levin, Gretchen Marcus, and Jessica Parr, Goucher College, Maryland, USA*

**ITUE Workshop - Room 317**

**U-9      2:40pm**

Advanced Problem Writing: Taking it to the Next Level

*Deborah Allen and Barbara Duch, University of Delaware*

**Wednesday, June 19**

*Dessert Reception at the National Aquarium*

**7:30pm**

**Thursday, June 20**

**Session V**

*Plenary 6 - Ballroom*

**8:00am**

Administrative Issues in PBL and Higher Education

*John Cavanaugh, University of North Carolina at Wilmington, USA*

*John Harris, Samford University, USA*

*Ann Ferren, Radford University, USA*

*Oon-Seng Tan, Nanyang Technological University, Singapore*

*moderator: Mark Huddleston, University of Delaware, USA*

**Thursday, June 20          Session W**

**Research on PBL (Part 3)**

**Paper Session - Room 308**

*Chair: William L. Vickery*

**W-0a    9:20am**

Do PBL Students Learn as Much as Students in Lecture-Based Programmes?

*William L. Vickery, University of Quebec in Montreal, Quebec, Canada*

**W-0b    9:50am**

Studying in Accordance with PBL: Prospective Pre-School Teachers' Perceptions of Learning and Self-Development

*Marina Lundkvist, Märta Sandvik, and Camilla Öhberg, Åbo Akademi University, Finland*

**W-0c    10:20am**

open

**Professional Development (Part 2)**

**Paper Session - Room 309**

*Chair: John Bryan*

**W-1a    9:20am**

Design and Implementation of a Problem Based Postgraduate Program in Diabetes Care for Primary Care Physicians in India

*J.L. Scott, J.A. Melville, S.K. Kelkar, J. Porteous, R.E. Gibson, and V.J. McPherson, University of Newcastle, Australia*

**W-1b    9:50am**

Applying PBL to Community-Based Natural Resource Management

*Edward Stashko, The School for Field Studies, Massachusetts, USA*

**W-1c    10:20am**

open

**Assessment (Part 1)**

**Paper Session - Room 310**

*Chair: Karen Bauer*

**W-2a    9:20am**

A Framework for Assessing PBL at the University of Delaware (part 1)

*Karen Bauer, Gabriele Bauer, Joe Revelt, and Kristin Kight, University of Delaware, Delaware, USA*

**W-2b    9:50am**

A Framework for Assessing PBL at the University of Delaware (part 2)

*Karen Bauer, Gabriele Bauer, Joe Revelt, and Kristin Kight, University of Delaware, Delaware, USA*

**W-2c    10:20am**

Critical Thinking: Assessing What is Hard to "See"

*Peggy A. Weissinger, Indiana University Purdue University Indianapolis (IUPUI), Indiana, USA*

**Panel Session - Room 307**

**W-3    9:20am**

Problem Based Learning and the Core Curriculum

*Richard L. Coulson, James S. Allen, Larry Busch, and Heather R. Purichia, Southern Illinois University at Carbondale, Illinois, USA*

**Workshop - Room 320**

**W-4    9:20am**

Reflections

**Workshop - Room 314**

**W-5    9:20am**

Promoting Cohesive and Effective Teams Through Course Design

*Sigfredo A. Hernandez, Rider University, New Jersey, USA*

**Workshop - Room 315**

**W-6    9:20am**

Using Student-Generated Problem Statements to Structure Courses

*Jean W. Knoll, DePaul University, Illinois, USA*

**Workshop - Room 316**

**W-7    9:20am**

Course Incorporation, Delivery Systems, and Assessment Strategies for PBL within Biology and Child Development Courses

*Johnna Darragh and Stacie Chismark, Heartland Community College, Illinois, USA*

**ITUE Workshop - Room 317**

**W-8    9:20am**

Orientation to the PBL Clearinghouse: An Electronic Peer-Reviewed Publication

*George Watson, University of Delaware*

**Thursday, June 20          Session X**

**Curricular Development (Part 2)**

**Paper Session - Room 308**

*Chair: George Watson*

**X-0a      11:00am**

Innovations in Undergraduate Pharmacy Education: The Integrated Hybrid PBL Curriculum at the College of Pharmacy, Dalhousie University  
*Anne Marie Whelan, Susan Mansour, and Patrick Farmer, College of Pharmacy, Dalhousie University, Nova Scotia, Canada*

**X-0b      11:30am**

PBL At ITIAPE: A Characteristic Training Given Partly in an Educational Institution and Partly in the Workplace  
*David Guillemant, Jocelyne Lanoy, Christelle Blas, and Pierre Baillon, ITIAPE: Institut des Techniques de l'Ingénieur en Aménagement Paysager de l'Espace, France*

**Distance Learning (Part 2)**

**Paper Session - Room 309**

*Chair: Paul Hyde*

**X-1a      11:00am**

A Case Study on Peer Interaction in an On-Line Course Using PBL  
*Jaime R. Valenzuela González and Katherina E. Gallardo, ITESM: Instituto Tecnológico y de Estudios Superiores de Monterrey, Universidad Virtual, México*

**X-1b      11:30am**

PBL - Integrated Instructional Method Using a Technological Platform  
*Javier Urbina Armenta, Technologic of Monterrey, México*

**Assessment (Part 2)**

**Paper Session - Room 310**

*Chair: Gabriele Bauer*

**X-2a      11:00am**

The Effect of Scoring Criteria Specificity on Peer And Self-Assessment in Problem Based Learning  
*Peter J. Miller, University of the Sciences in Philadelphia, Pennsylvania, USA*

**X-2b      11:30am**

open

**Panel Session - Room 307**

**X-3      11:00am**

Reflections

**Workshop - Room 320**

**X-4      11:00am**

Are They Really Teachers? PBL and Information Professionals  
*Virginia Baldwin and Michael F. Anderson, University of Nebraska-Lincoln, Nebraska, USA*

**Workshop - Room 314**

**X-5      11:00am**

PBL in Mathematics: Why it Works (Or Does It Work?)  
*Kouider Bennaoum and Vincent Wertz, Université catholique de Louvain, Belgium*

**Workshop - Room 315**

**X-6      11:00am**

PBL and Professional Writing  
*John Bryan, University of Cincinnati, Ohio, USA*

**Workshop - Room 316**

**X-7      11:00am**

Digging Up the Future or Anticipating the Past? Introducing PBL Processes Using Role Play and Simulation  
*Edward Errington, Massey University, New Zealand*

**ITUE Workshop - Room 317**

**X-9      11:00am**

Models for PBL in Small, Medium and Large Classes  
*Susan Groh and Hal White, University of Delaware*

**Thursday, June 16      Session Y**

***Closing Ceremony – Ballroom***  
**12:10pm**

Closing Remarks

*Conrado Gempesaw, Vice Provost for Academic Programs and Planning, University of Delaware*