**Five Years of the *International Journal of Process Education*: A Brief Retrospective**

At the formational meeting of the Academy of Process Educators at Brevard Community College in Florida, the spark that became the *International Journal of Process Education* was lit. Under the direction of Dr. Jacqueline El-Sayed from 2008 – 2012 and Dr. Kathleen Burke from 2012 – present, the IJPE has come from an idea spoken at a meeting to an international journal.

It was and is our **Vision** that:

The International Journal of Process Education will be a catalyst for the scholarship of teaching and learning in support of the efforts of the Academy of Process Educators to transform higher education.

It was and continues to be our **Mission** to:

- Provide a forum for, and an archival record of, scholarly research in Process Education
- Elevate skills in the discipline of the scholarship of teaching and learning
- Explore promising new research areas in Process Education
- Foster classroom-based research

Our **Guiding Principles** hold that:

- All faculty, staff, administrators, and students can contribute to classroom research
- Every researcher’s methods can be continuously improved
- The term “classroom” is a metaphor for all learning environments
- Mentorship can accelerate the development of research skills
- There is a role for both quantitative and qualitative educational research
- Collaboration among authors, reviewers, and editors is critical for a vibrant research environment
- Increasing societal complexity and pace of change make it imperative to accelerate the transition from classroom discovery to disseminated findings that are the basis of shared practice
- An educational journal can be improved by regularly assessing all aspects of its operation

We have coordinated the annual publication of IJPE with the yearly Process Education conference. This means that each new issue of the *Journal* debuts at the conference and Academy members receive their free print copy, hot off the press. But the linking of the conference and journal also means that we believe the PE conference to be one of the best ways for potential authors to advance their scholarship to the point where it is ready for publication, an excellent venue for joining scholarship or finding research and writing partners, and a lively and helpful proving ground for authors who seek additional feedback, input, or guidance with respect to their research and scholarship.

Now, as we look at where we are, compared to where we started five years ago, we see that IJPE has published

- 34 articles on the scholarship of teaching and learning
- over 400 pages of scholarship
- the work of 94 contributing authors (46 unique authors)
- from 24 different institutions in higher education

Remember that the scholarship published in IJPE is available free, online. Here, though, we provide a listing of article titles and authors with their institutional affiliations, along with our explicit thanks to all who have participated to this point, and a welcoming invitation to others to consider sharing their experience, scholarship, and passion for PE in future issues of the *Journal*.
Using Rubrics for Course Assignments
Cy Leise (Bellevue University)
Mohamed El-Sayed (Kettering University)

Conditions for Challenging Learner Performance
Peter Smith (Saint Mary’s College)
Linda Spoelman (Grand Rapids Community College)

Using a Developmental Model to Facilitate Team-Based Design Experiences in a Pre-College Engineering Science Camp
W.C. Duncan-Hewitt (Saint Louis University)
D. Mount (Educational Consultant)
S.W. Beyerlein (University of Idaho)
D. Cordon (University of Idaho)
J. Steciak (University of Idaho)

Keys to Improving Academic Assessment
Tris Utschig (Georgia Institute of Technology)
Dan Apple (Pacific Crest)

Learning Communities as a Strategy for Success
David M. Hanson (Stony Brook University)
Jacob Heller (State University of New York College at Old Westbury)

Process Education and Constructive Alignment: The Challenge of Student Assessment Online
Betty Hurley Lawrence (State University of New York Empire State College)
Lisa Snyder (State University of New York)

Process Education™ — Past, Present, and Future
Kathleen Burke (State University of New York at Cortland)
Betty Lawrence (State University of New York Empire State College)
Mohamed El-Sayed (Kettering University)
Dan Apple (Pacific Crest)

Uncovering Hidden Predispositions about Race: A Critical Step toward Enriching Campus Culture
Dr. Babette J. Cuadrado (Concordia College)

Validation of Hybrid Program Design through Stakeholder Surveys
J. El-Sayed (Kettering University)
M. El-Sayed (Kettering University)
S. Beyerlein (University of Idaho)

Conditions for Online Learning Autonomy
Roxanne Cullen (Ferris State University)
Michael Harris (Indiana University-Kokomo)

Implementing POGIL in Allied Health Chemistry Courses: Insights from Process Education
Margaret (Peggy) Geiger (Gaston College)

Jim Morgan (Texas A&M University)
Barbara Williams (University of Idaho)

Building a Stakeholder-Based Rubric to Enhance Student Communication Skills
Judith Shaul Norback (Georgia Institute of Technology)
Tristan T. Utschig (Georgia Institute of Technology)

Improving Quality of Reflecting on Performance
Cy Leise (Bellevue University)

Assessing Service Quality for Continuous Improvement in Higher Education
Mohamed El-Sayed (Kettering University)
Kathleen Burke (State University of New York at Cortland)
Cy Leise (Bellevue University)
Jacqueline El-Sayed (Kettering University)
A Comparative Analysis of Reflection and Self-Assessment
Melissa Desjarlais (Valparaiso University)
Peter Smith (Saint Mary’s College (retired))

Classification of Life Enrichment Skills
Cy Leise (Bellevue University)

Ecological Leadership
Victor Harms (Bellevue University)
Cy Leise (Bellevue University)

A Methodology for Team Teaching with Field Experts
Yaomin Dong (Kettering University)
Jacqueline El-Sayed (Kettering University)
Mohamed El-Sayed (Kettering University)

Faculty Efficacy in Creating Productive Learning Environments: Universal Design and the Lens of Students with Disabilities
Tristan T. Utschig (Georgia Institute of Technology)
Nathan W. Moon (Georgia Institute of Technology)
Robert L. Todd (Georgia Institute of Technology)
Aaron Bozzorg (Georgia Institute of Technology)

Lean Program and Course Assessments for Quality Improvement
Mohamed El-Sayed (Kettering University)
Jacqueline El-Sayed (Kettering University)
Jim Morgan (Texas A&M University)
Timothy Cameron (Miami University)

The Transformation of Education: 14 Aspects
Denna Hintze-Yates (Educational Consultant)
Steve Beyerlein (University of Idaho, Moscow)
Dan Apple (Pacific Crest)
Carol Holmes (Educational Consultant)

Measuring Skills across the Profile of a Quality Learner and of a Quality Engineer
Tristan T. Utschig (Georgia Institute of Technology)
Sunni M. Newton (Georgia Institute of Technology)
Jeffrey S. Bryan (Georgia Institute of Technology)

Measuring Writing as a Representation of Disciplinary Knowledge
Kathleen Burke (State University of New York at Cortland)
Judith Ouellette (State University of New York at Cortland)
Wendy Miller (State University of New York at Cortland)
Cy Leise (Bellevue University)
Tris Utschig (Georgia Institute of Technology)

Development and Usability of a Generic Quantitative Problem-Solving Rubric for Student Learning
Jay McCormack (University of Idaho)
Barbara Williams (University of Idaho)
Ken Noren (University of Idaho)
Steve Beyerlein (University of Idaho)
Dan Cordon (University of Idaho)
Jim Morgan (Texas A&M University)

Concept Maps for Linking Aspects in the Transformation of Education
Steven Beyerlein (University of Idaho, Moscow)
Kathleen Burke (State University of New York at Cortland)
Denna Hintze (Educational Consultant)

Impact of Faculty Development on Classroom Accessibility as Measured Using a Classroom Observation Instrument
Tristan T. Utschig (Georgia Institute of Technology)
Nathan W. Moon (Georgia Institute of Technology)
Aaron Bozzorg (Georgia Institute of Technology)
Robert L. Todd (Georgia Institute of Technology)

Enhancing a First-Year Success Course through Process Education
Rebecca Jones (St. Louis College of Pharmacy)
Kimberly Kilgore (St. Louis College of Pharmacy)

Importance of Psychomotor Development for Innovation and Creativity
Mohamed El-Sayed (Kettering University)
Jacqueline El-Sayed (Kettering University)
Towards Comprehensive Professional Development of Teachers: The Case of Kenya

Agnes W. Gathumbi (Kenyatta University, Kenya)
Njoroge J. Mungai (Center for Mathematics, Science and Technology Education in Africa (CEMASTE), Kenya)
Denna L. Hintze (Educational Consultant, Norway)

Putting it to Practice: Hands-On Learning Activities for Transforming Education

Denna Hintze (Educational Consultant)
Kathleen Burke (State University of New York at Cortland)
Steven Beyerlein (University of Idaho, Moscow)

What is Special about Process Education?

Melissa Desjarlais (Valparaiso University)
Jim Morgan (Texas A & M University)

A Process Model of Judging and Deciding

Cy Leise (Bellevue University)