Charting the Library Firmament
Hello!

Roberto A. Arteaga
Valparaiso University

Christine M. Moeller
St. Norbert College
Transforming Teaching to Create Meaningful Learning Experiences for Students
“Constellation of documents”
CHARTING OUR COURSE
#thanksJim
WHERE WE’RE GOING
Exploring pedagogical connections
Charting your course
Our course
Boat: Teaching philosophy
Mast: Design of instruction
Sail: Teaching practice

Constellations:
ACRL // sociology // philosophy // education // cognitive psychology
Activity
#chartingIL
Teaching Philosophy

Keeps you afloat and holds it all together.
LOOKING ACROSS DISCIPLINES

- Sociology
- Philosophy
- Education
Learning is socially constructed

Social constructivism:

- Addresses social, cultural, economic, and political factors in learning and knowledge production

Develop critical consciousness (not banking model of education)
Designing Instruction

Gives structure and support to teaching and learning.
LOOKING ACROSS DISCIPLINES

- Instructional Design
- Education (Pedagogy)
DESIGN PROCESS

Determine situational factors
- Learner characteristics
- Context for instruction
Design learning activities

- Introduction of ideas → Absorb
- Experience → Do
- Reflection → Connect
As students experience learning through direct engagement, they become full participants in the “hard, messy work” of learning (Weimer 2012).
Teaching Practice

Bringing momentum to teaching and learning.
LOOKING ACROSS DISCIPLINES

- Education (Pedagogy)
- Educational Psychology
- Cognitive Psychology
- Scholarship of Teaching and Learning
TRANSFORMATIONAL TEACHING METHODS

- Establishing a shared vision
- Providing modeling
- Encouraging and challenging students intellectually
- Customizing feedback
- Creating opportunities for experiential learning
- Promoting critical self-reflection
TRANSFORMATIONAL TEACHING

Establishing a shared vision

Helps students see how the instructional goals correspond to each individual’s performance and needs.
TRANSFORMATIONAL TEACHING

Providing modeling

Encourage experimentation and curiosity and maximize opportunities for learning. (This is not about learning to avoid failure)
TRANSFORMATIONAL TEACHING

Encouraging and challenging students intellectually

Provide scaffolding and emotional support, which can also motivate students and empower them to engage in deep learning.
Customizing feedback

Further promote deep learning by customizing feedback for each individual student.
TRANSFORMATIONAL TEACHING

Creating opportunities for experiential learning

Increase students awareness of their beliefs, values, and attitudes about learning.
TRANSFORMATIONAL TEACHING

Promoting critical self-reflection

Students reflect on their current perceptions, values, and attitudes, both prior to and following instruction. (This is not a content knowledge test)
Charting your course
Activity
#chartingIL
CREATING MEANINGFUL LEARNING EXPERIENCES
Thanks!

ANY QUESTIONS?

roberto.arteaga@valpo.edu
christine.moeller@snc.edu

Paper available in the LOEX Proceedings
bit.ly/chartingIL
SELECTED BIBLIOGRAPHY

CREDITS

Special thanks to all the people who made and released these awesome resources for free:

- Presentation template by SlidesCarnival
- Images by Wikimedia Commons
  - Ursa Major/Minor gif