



# OUR OBJECTIVES



- Define and understand SOTL
- Discuss how SOTL can improve medical education
- Learn who does this kind of research
- Learn what topics are researched
- Consider resources for improving teaching
- Consider conducting research to improve your teaching
- Resources for conducting research

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## Definition, please...

The Scholarship of Teaching and Learning (SOTL) is a growing movement in post-secondary education. **SOTL is scholarly inquiry into student learning which advances the practice of teaching by making inquiry findings public.**

SOTL necessarily builds on many past traditions in higher education, including **classroom and program assessment**, K-12 action research, the reflective practice movement, **peer review of teaching**, traditional educational research, and faculty development efforts to enhance teaching and learning.

SOTL encompasses aspects of professional development or faculty development, such as how teachers develop their pedagogical expertise. It also encompasses the **study and implementation** of more modern teaching methods, such as **active learning, cooperative learning, problem based learning**, and others. SOTL scholars come from various backgrounds, such as those in educational psychology and other education related fields, as well as specialists in various disciplines **who are interested in improving teaching and learning in their respective fields**. Some scholars are educational researchers or consultants affiliated with teaching and learning centers at universities.



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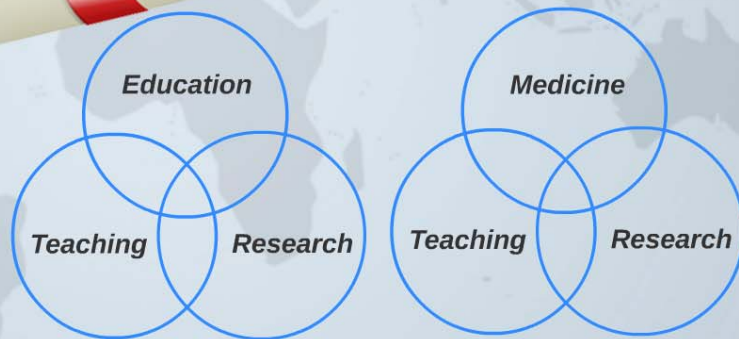
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## Who Does this research?

The Education Profession  
Educational Psychology  
Curriculum and Instruction  
Researchers/Professors in SOE  
Teaching and Learning Centers  
Some are research centers  
Faculty in Every Subject Area  
Teaching Faculty  
Clinical Faculty  
Research Faculty



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- Pedagogy (how we teach)
  - Content (what we teach)
  - Curriculum (how we structure what we teach)
  - Teacher Assessment (how effectively we teach)
  - Classroom Assessment (student/Teacher Interaction)
  - Teacher Development (how we teach teachers to teach)

# What Topics are researched?

- Pedagogy (how we teach)
- Content (what we teach)
- Curriculum (how we structure what we teach)
- Teacher Assessment (how effectively we teach)
- Classroom Assessment (student/Teacher Interaction)
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## Journals

- International Journal for the Scholarship of Teaching and Learning (ijSOTL)
- Journal of the Scholarship of Teaching and Learning (JoSoTL)
- **The List:** A list of journals in teaching and learning by the Association of College and Research Libraries:
  - <http://www.ala.org/acrl/aboutacrl/directoryofleadership/sections/is/iswebsite/projpubs/journalsteachinglearning>

## Organizations

- The International Society for the Scholarship of Teaching and Learning (ISSOTL)
- Lots of discipline specific organizations

## Participate in Teaching Professional Development

- **Conferences**
  - In your field
  - People you respect
  - A chance to reflect
- **Webinars**
  - There are many options now available
- **Workshops**
  - UAB Center for Teaching and Learning
  - Medical Educators Series
  - <http://www.uab.edu/CTL>
- **Additional Education**
  - Certificate Programs
  - Masters Degree in Medical Education

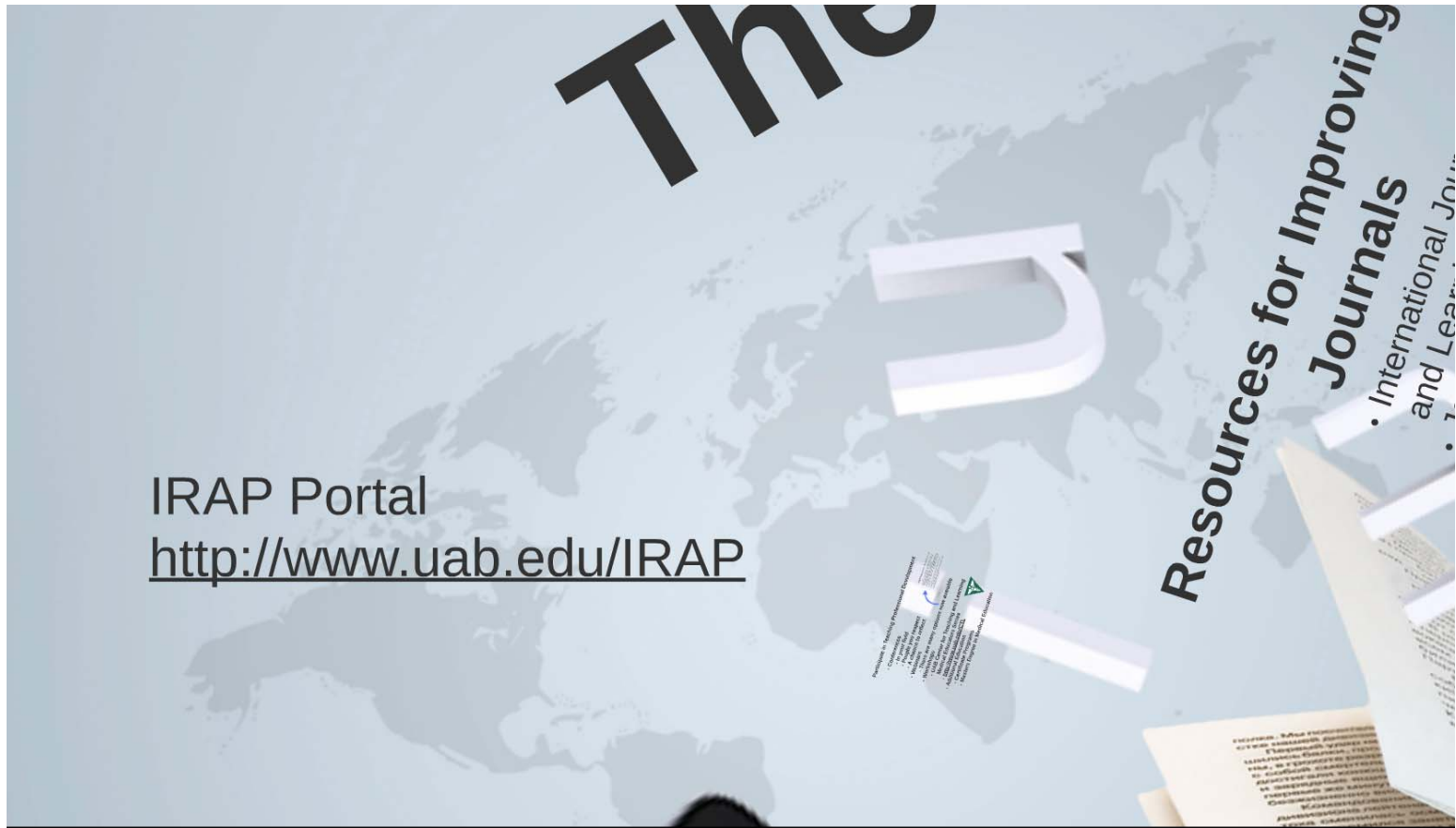
**IAMSE Webinar Series** <http://www.iamse.org>

Sept 8 - "Use of preclinical High Fidelity Medical Simulations (HFMS) to promote the integration of basic and clinical sciences in undergraduate medical education" - Laurel Gorman  
 Sept 15 - "Self-directed learning in your curriculum - getting from theory to practice" - Sandrin Vanschaik, Douglas Larsen, William Cuhar  
 Sept 22 - "Entrustment decision making in EPA-based curricula" - Orla ten Cate  
 Sept 29 - "Standardized Patient Educators in Assessment" - Gayle Olive, Heidi Lane, Carrie Bohmert  
 Oct 6 - "New Tools and Paradigms for Assessing Professionalism in the Health Sciences" - John Mahan

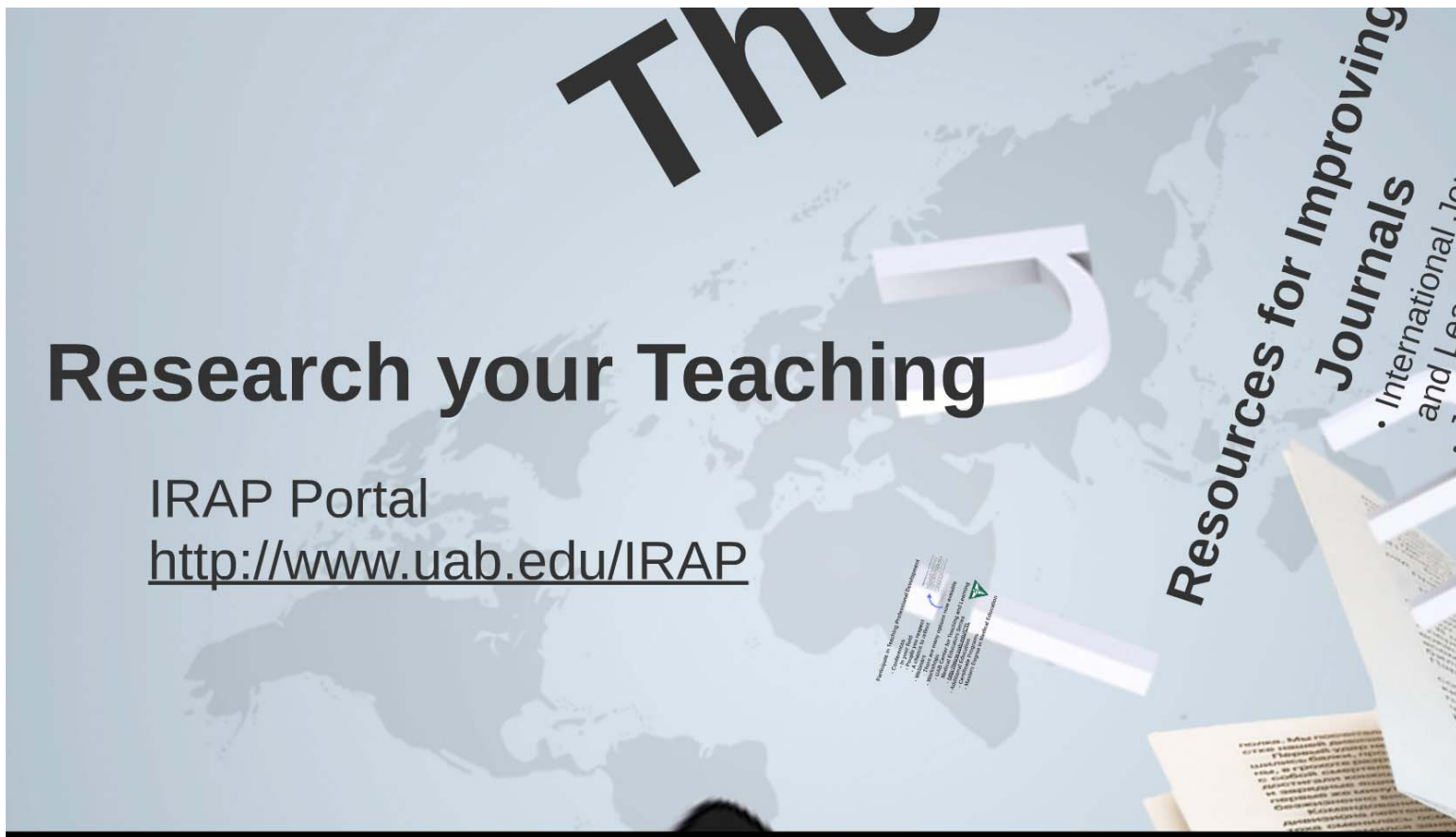


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