

Clusters of resources around educational topics

Possible book resources

1, Active learning/team-based learning

- Silberman 1996 Active learning: 101 strategies to teach any subject
- Bonwell & Eison 1991 Active learning: Creating excitement in the classroom (ASHE-ERIC Higher Education Report No. 1)
- Meyers & Jones (1993) Promoting active learning: Strategies for the college classroom
- Michaelsen, Sweet & Parmalee (2008) Team-based Learning: Small-groups learning's next big step. New Directions for Teaching and Learning no. 116
- Sutherland & Bonwell, 1996 Using active learning in college classes: A range of options for faculty. New Directions for Teaching and Learning no. 67

2. Collaborative learning

- Barkley, Cross & Major (2005) Collaborative learning techniques: A handbook for college faculty
- Bosworth & Hamilton (1994) Collaborative learning: Underlying processes and effective techniques
- Bruffee (1993) Collaborative learning: Higher education, interdependence and the authority of knowledge
- Millis & Cottell (1998) Cooperative Learning for Higher Education Faculty

3. Conceptual learning (deeper processing, critical thinking)

- Halpern (1997) Critical thinking across the curriculum: A brief edition of thought and knowledge (OR go to Halpern Thought and Knowledge: an introduction to critical thinking. 1996)
- Moon (2008) Critical thinking: An exploration of theory and practice
- Perkins D (2009) Making learning whole: How seven principles of teaching can transform education.

4. Affect/identity and retention

- Astin (2001) What matters in college?: Four critical years revisited.
- Baxter-Magolda (2000) Teaching to promote intellectual and personal maturity: Incorporating students' worldviews and identities into the learning process. New Directions for Teaching and Learning no. 82
- Evans, Forney, Guido, et al (2010) Student development in college: Theory, research, and practice.
- Mezirow (2009) Transformative learning in practice: Insights from community, workplace, and higher education.

5. Cultural patterns and minorities/women retention issues

- Aragon (2000) Beyond access: methods and models for increasing retention and learning among minority students. New Directions for Community Colleges, no. 112.
- Baldwin (2009) Improving the climate for undergraduate teaching and learning in STEM fields. New Directions for Teaching and Learning no 117.
- Bystydzienski & Bird (2006) Removing barriers: Women in academic science, technology, engineering, and mathematics.
- NAS, NAE & IOM (2006) Biological, social, and organizational components of success for women in academic science and engineering.

Seidman (2007) Minority student retention: The best of the Journal of college student retention: research , theory, & practice

Seymour & Hewitt (1996) Talking about leaving: Why undergraduates leave the sciences.

Wilson, Lubin & Below (2008) Recruitment and retention of race group students in American higher education: An annotated bibliography

6. Outside of classroom learning possibilities

Bekerman, Burbules & Silberman-Keller (2006) Learning in places: the informal education reader.

7. General learning theories in the workplace

Evans, Hodkinson, Rainbird & Unwin (2006) Improving workplace learning.

van Woerkom (2010) Workplace learning: Concepts, measurement and application.

Handbooks of Educational Psychology

Berliner and Calfee (1996) Chapters on:

Cognition and Learning (handed out)
Problem-solving Transfer
Theories and Principles of Motivation
Motivation and Instruction

Toward a situated practice model
Looking at Technology in Context
Group Processes in the classroom
Quantitative research methods

Alexander and Winne (2006) Chapters on:

Knowledge: structures and processes
Problem Solving
Classrooms as contexts for motivation
Goals, Values and Affect on motivation
Social Cultural Perspectives
The role of peers and group learning
Methodological issues in ed psych
The art of statistics: Modern techniques
Developments in assessment of learning

Cognitive strategies instruction
Changing knowledge and beliefs
Competence and Control beliefs
Self- and identity processes
Cultural conceptions of learning
Technology rich environments
Research questions and design
Beyond the quan/qual divide

There are also similar, more focused handbooks cleverly entitled "handbook of _____" on:

Competence and Motivation
Multimedia learning
The Learning Sciences
Thinking and Reasoning

Expertise and expert performance
Metacognition in education
Motivation Sciences