

December 31, 2010

LEARNING RESOURCES

Resources are provided here, with all appropriate attribution and appreciation to the people who created them, to help faculty move toward increasing student engagement, activity and learning options toward outcomes that are truly meaningful, functional and lasting.

This is by no means a complete resource listing (though several of the links will take you to guides that are both exhaustive and exhausting). This is meant to be a starting point. I sought good resources that are readily available on-line and, usually, free (the audience response system vendors and books excepted).

This list will be updated periodically; check the date of latest version on the web site to see if updates are available. I welcome suggestions for new resources. If a link is not operative, please let me know (and you might suggest the correct link).

I hope you find this helpful. Feel free to contact me if I can provide any additional information. Best wishes on your journey to more effective teaching.

Mark Taylor

HOW COLLEGE AFFECTS STUDENTS

Pascarella and Terenzii's encyclopedic resource on outcomes research in higher education. For example *"the most effective teaching and learning requires opportunities for active involvement and participation"*

"Knowledge acquisition, skills development, and psychosocial change are most likely when learners find meaning in both the activities and the outcomes of the college experience."

Pascarella, Ernest T., and Terenzini, Patrick T. 2005. How College Effects Students. Volume 2; A third Decade of Research.

http://www.amazon.com/How-College-Affects-Students-Jossey-Bass/dp/0787910449/ref=sr_1_3?ie=UTF8&s=books&qid=1233090914&sr=8-3

ON-LINE CONTENT

iTunes university <http://www.apple.com/education/itunes-u/>

You tube Edu <http://www.youtube.com/education?b=400>

Ted Talk <http://www.ted.com/talks>

MIT Open Courseware Consortium <http://ocw.mit.edu/about/ocw-consortium/>

Community College Consortium for Open Educational Resources <http://oerconsortium.org/>

Open Learn UK <http://openlearn.open.ac.uk/>

Open Yale Courses <http://oyc.yale.edu/>

Cosmo learn <http://www.cosmolearning.com/>

Spaced Ed <http://www.spaceded.com/>

Open Learning Initiative <http://oli.web.cmu.edu/openlearning/>

Academic Earth <http://academicearth.org/>

The Internet Archive <http://www.archive.org/>

Open Content <http://www.opencontent.org/>

ACTIVE LEARNING/ INSTRUCTIONAL DESIGN

Instructional design models

Martin Ryder of the University of Colorado at Denver School of Education
encyclopedic resource on instructional design, learning models and techniques
http://carbon.cudenver.edu/~mryder/itc_data/idmodels.html#postmodern

Active Learning- a pathfinder guide to active learning

Developed by Roberta (Robin) Sullivan
links to and bibliography of active learning resources, articles and associations
www.acsu.buffalo.edu/~rrs/activelearning/print/PathfinderActiveLearning.pdf

Active Learning for the College Classroom

Resource from Donald Paulson and Jennifer Faust of Cal State LA
techniques and resources for active learning, critical thinking, and cooperative learning
<http://www.calstatela.edu/dept/chem/chem2/Active/main.htm>

Active learning

resources from L. Dee Fink
model and implementation resources
<http://honolulu.hawaii.edu/intranet/committees/FacDevCom/guidebk/teachtip/active.htm>

Dialogue on Learning

Tompkins Cortland Community College
Brain based, technology augmented, learning centered resources
<http://www.dialogueonlearning.tc3.edu/>

The Learning College

Mary Anne Glazner and Jacque Dessino, Librarians at Tidewater Community College
Learning and learning college resources, links to O'Banion and League for Innovation
www.tcc.edu/faculty/webpages/JDessino/documents/learningcollege.doc

CRITICAL THINKING

Active Learning for Critical Thinking
University of Texas Arlington

Excellent university based web site and links to resources spanning theory and technique
<http://activelearning.uta.edu/>

Critical Thinking Project

Robert H. Ennis, Director, Illinois Critical Thinking Project
New and promising project to improve instruction in critical thinking
<http://www.criticalthinking.net/>

COOPERATIVE LEARNING/ LEARNING COMMUNITIES

Learning Communities National Resource Center
Washington State Network

<http://www.evergreen.edu/washcenter/project.asp?pid=73>

Creating Learning Communities
On-line Resource Center

<http://www.creatinglearningcommunities.org/>

Increasing College Faculty Instructional Productivity
by David Johnson and others

promotes cooperative learning and learning communities
<http://www.ntlf.com/html/lib/bib/92-2dig.htm>

TECHNOLOGY IN INSTRUCTION/ UNIVERSAL DESIGN

Handbook of Emerging Technologies for Learning

Ongoing, open source project by the Learning Technologies Centre (sic) at the University of Manitoba. Canadian but still has relevance for US learners (lol)

http://ltc.umanitoba.ca/wikis/etl/index.php/Handbook_of_Emerging_Technologies_for_Learning

Educause

advancing higher education by promoting the intelligent use of information technology

http://www.educause.edu/content.asp?PAGE_ID=720&bhcp=1
<http://connect.educause.edu/Library/ELI/2008HorizonReport/45926>

Center for Applied Special Technology

Using technology to make learning available across styles and special needs
<http://www.cast.org/index.html>

UNDERSTANDING DIGITAL NATIVES

Digital Natives in the Classroom

<http://coe.sdsu.edu/eet/articles/digitalnatives/index.htm>

PODCASTING

How to create a podcast

YouTube instructional video

<http://www.youtube.com/watch?v=-hrBbczS9I0>

Podcasting tools

Resources for podcasting

<http://www.podcasting-tools.com/how-to-podcast.htm>

Podcasting resources

Podcasting pioneer Michael Geogheans website

<http://mwgblog.com/>

@rticles

How to convert video files to video podcast/ ipod friendly mp4's for free

<http://ezinearticles.com/?How-to-Convert-Video-Files-to-Video-Podcast/iPod-Friendly-MP4s-For-Free&id=382368>

Audacity

Popular free open source software for recording

<http://audacity.sourceforge.net/>

iTunes

Podcasting central from Apple

<http://www.apple.com/itunes/store/podcasts.html>

BLOGGING

Blogger

Creating asynchronous discussions

https://www.blogger.com/start?utm_campaign=en&utm_source=en-ha-na-google&utm_medium=ha&utm_term=how%20to%20make%20a%20blog&gclid=CMvSveXHvZICFQFylgodnSXXcw

AUDIENCE RESPONSE SYSTEMS (“clickers”)

I use and endorse Turning Technologies for its ease of use, company support and teaching resources.

<http://www.turningtechnologies.com/>

COLLEGE AND UNIVERSITY LEARNING SITES (content and design)

Honolulu Community College
Teaching Tips Index

<http://honolulu.hawaii.edu/intranet/committees/FacDevCom/guidebk/teachtip/teachtip.htm>

Michigan State University
Office of Faculty Development and Organizational Development
<http://fod.msu.edu/OIR/TeachingMethods/active-learning.asp>

University of Medicine and Dentistry of New Jersey
Center for Teaching Excellence
http://cte.umdnj.edu/active_learning/active_general.cfm

University of Texas Arlington
Active Learning for Critical Thinking
<http://activelearning.uta.edu/>

PROFESSIONAL ORGANIZATION SITES

National Education Organization - Higher Education
Links to Thought and Action Journal
<http://www2.nea.org/he/heta05/index.html>

CRITICAL ARTICLES AND REFERENCES

Barr, Robert B., and John Tagg. 1995. "From teaching to learning- a new paradigm for undergraduate education". *Change Magazine*, 27 (6): 12-25.
www.ericdigests.org/1998-2/shift.htm

Gardner, Lion F. 1998. "Why we must change; the research evidence." *The NEA Higher Education Journal*, Spring: 71-88.
<http://www2.nea.org/he/heta00/images/f00p121.pdf>

Sacks, P. 1996. *Generation goes X to college*. Chicago: Open Court. [www.http://amazon.com/Generation-Goes-College-Eye-Opening-Postmodern/dp/0812693140](http://amazon.com/Generation-Goes-College-Eye-Opening-Postmodern/dp/0812693140)

"Pedagogies of Uncertainty" article by Lee Shulman
Link to Spring 05 issue of *Liberal Education*
<http://www.aacu.org/liberaleducation/le-sp05/le-sp05feature2.cfm>

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