REFERENCES

And E. S. S. S. Santh, IN. (1981). Callege'in black and also a function state of the predombiantly white and problem to the control of the called black of the called boundary april; Deing while for called boundary april; Deing while for called boundary april; then is their particles and him warmings. Poster session

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Abrami, P. C., Bernard, R. M., Borokhovski, E., Wade, A., Surkes, M. A., Tamim, R., & Zhang, D. (2008). Instructional interventions affecting critical thinking skills and dispositions: A stage 1 meta-analysis. Review of Educational Research, 78(4), 1102–1134. doi: 10.3102/0034654308326084

Abrami, P. C., Bernard, R. M., Borokhovski, E., Waddington, D. I., Wade, C. A., & Persson, T. (2015). Strategies for teaching students to think critically: A meta-analysis. *Review of Educational Research*, 85(2), 275–314. doi: 10.3102/0034654314551063

Academic Success Center, Iowa State University, Ames, IA (2011). Exam prep: Test autopsy. Retrieved from http://www.asc.dso.iastate.edu/sites/default/files/resources/handouts/test/Exam%20Prep--Test%20Autopsy.pdf

Academic Success Center, Purdue University, West Lafayette, IN. (n.d.). Post exam reflection. https://www.purdue.edu/studentsuccess/academic/asc/documents/ASC_Handouts_PostExamSurvey.pdf

Achacoso, M. V. (2004). Post-test analysis: A tool for developing students' metacognitive awareness and self-regulation. In M.V.Achacoso & M. D. Svinicki (Eds.), New directions for teaching and learning, No. 100: Alternative strategies for evaluating student learning (pp. 115–119). San Francisco, CA: Jossey-Bass.

Adelman, C. (2015). To imagine a verb: The language and syntax of learning outcomes statements. National

Institute for Learning Outcomes Assessment, Occasional Paper 24. Retrieved from http://learningoutcomesassessment.org/documents/Occasional_Paper_24.pdf

Adler, M. J. (1940). How to read a book: The art of getting a liberal education. New York, NY: Simon & Schuster.

Albanese, M. A., & Mitchell, S. (1993). Problem-based learning: A review of the literature on its outcomes and implementation issues. *Academic Medicine*, 68(1), 52–81.

Albanese, M.A., & Dast, L. (2014). Problem-based learning: Outcomes evidence from the health professions. *Journal of Excellence in College Teaching*, 25(3&4), 239–252.

Alexander, M. M., Lynch, J. E., Rabinovich, T., & Knutel, P. G. (2014). Snapshot of a hybrid learning environment. *Quarterly Review of Distance Education*, 15(1), 9–21.

Alexander, P. (1996). The past, the present, and the future of knowledge research: A reexamination of the role of knowledge in learning and instruction. *Educational Psychologist*, 31(2), 89–92.

Allen, D. E., & Duch, B. J. (1998). Thinking toward solutions: Problem-based learning activities for general biology. New York, NY: Saunders.

Allen, M., Witt, P. L., & Wheeless, L. R. (2006). The role of teacher immediacy as a motivational factor in student learning: Using a meta-analysis to test a causal model. *Communication Education*, 55(1), 21–31.

Allen, R. D. (1981). Intellectual development and the understanding of science: Applications of William Perry's

theory to science teaching. Journal of College Science Teaching, 10, 94-97.

Allen, W., Epps, E., & Haniff, N. (1991). College in black and white: African American students in predominantly white and historically black public universities. Albany, NY: SUNY Press. Allwardt, D. (2009, April). Using wikis for collaborative writing assignments: Best practices and fair warnings. Poster session presented at the Third Annual Innovations in Teaching Forum, Western Illinois University, Macomb.

Amador, J.A., Miles, L., & Peters, C.B. (2006). The practice of problem-based learning: A guide to implementing PBL in the college classroom. San Francisco, CA: Jossey-Bass/Anker.

Ambrose, S. A., Bridges, M. W., DiPietro, M., Lovett, M. C., & Norman, M. K. (2010). How learning works: Seven research-based principles for smart teaching. San Francisco, CA: Jossey-Bass.

Anderman, L., Freeman, T., & Mueller, C. (2007). The "social" side of social context: Interpersonal and affiliative dimensions of students' experiences and academic dishonesty. In E. Anderman & T. Murdock (Eds.), *Psychology of academic cheating* (pp. 203–228). Burlington, MA: Elsevier.

Anderson, J. A., & Adams, M. (1992). Acknowledging the learning styles of diverse populations: Implications for instructional design. In L. Border & N.V. N. Chism (Eds.), New directions for teaching and learning: No. 49. Teaching for diversity (pp. 19–33). San Francisco: Jossey-Bass.

Anderson, L.W., & Krathwohl, D. R. (2000). A taxonomy for learning, teaching, and assessment: A revision of Bloom's taxonomy of educational objectives. White Plains, NY: Longman. Andrade, H., & Du, Y. (2007). Student responses to criteria-referenced self-assessment. Assessment and Evaluation in Higher Education, 32(2), 159–181.

Angelo, T. A. (1991a). Introduction and overview: From classroom assessment to classroom research. In T. A. Angelo (Ed.), New directions for teaching and learning: No. 46. Classroom research: Early lessons from success (pp. 7–15). San Francisco, CA: Jossey-Bass.

Angelo, T. A. (1991b). Ten easy pieces: Assessing higher learning in four dimensions. In T. A. Angelo (Ed.), New directions for teaching and learning: No. 46. Classroom research: Early lessons from success (pp. 17–31). San Francisco, CA: Jossey-Bass.

Angelo, T. A., & Cross, K. P. (1993). Classroom assessment techniques: A handbook for college teachers (2nd ed.). San Francisco, CA: Jossey-Bass.

Arocha, J. F., & Patel, V. L. (1995). Novice diagnostic reasoning in medicine: Accounting of clinical evidence. *Journal of the Learning Sciences*, 4, 355–384.

Arons, A. B. (1993). Guiding insight and inquiry in the introductory physics lab. *Physics Teacher*, 31(5), 278–282.

Arreola, R. A. (2007). Developing a comprehensive faculty evaluation system: A guide to designing, building, and operating large-scale faculty evaluations systems (3rd ed.). San Francisco, CA: Jossey-Bass/Anker.

Arum, R., & Roksa, J. (2011). Academically adrift: Limited learning on college campuses. Chicago, IL: University of Chicago Press.

Aslanian, C. B. (2001). Adult students today. New York, NY: College Board.

Astin, A. W., Vogelgesang, L. J., Ikeda, E. K., & Yee, J. A. (2000). How service learning affects students. Los Angeles, CA: Higher Education Research Institute.

Atkinson, R. K., Levin, J. R., Kiewra, K. A., Meyers, T., Kim, S., Atkinson, L., Renandya, W. A., & Hwang, Y. (1999). Matrix and mnemonic text-processing adjuncts: Comparing and combining their components. *Journal of Educational Psychology*, 91, 342–357.

Atlas, J. L. (2007). The end of the course: Another perspective. Teaching Professor, 21(6), 3.

Atteberry, E. (2013, December 5). "Flipped class-rooms" may or may not have any impact on learning. USAToday. Retrieved from http://www.usatoday.com/story/news/nation/2013/10/22/flipped-classrooms-effectiveness/3148447/

Aulls, M. W. (2002). The contributions of co-occurring forms of classroom discourse and academic activities to curriculum events and instruction. *Journal of Educational Psychology*, 94, 520–538.

Ausubel, D. (1968). Educational psychology: A cognitive view. New York, NY: Holt.

Babcock, P., & Marks, M. (2011). The falling time cost of college: Evidence from half a century of time use data. Review of Economics and Statistics, 93(2), 468–478. doi: 10.1162/REST_a_00093

Baldwin, R. G. (1997–1998). Academic civility begins in the classroom. Essays on Teaching Excellence, 9(8), 1–2.

Ballantine, J., & Risacher, J. (1993, November). Coping with annoying classroom behaviors. Paper presented at the 13th annual Lilly Conference on College Teaching, Oxford, OH.

Ballard, M. (2007). Drawing and questioning the syllabus. National Teaching and Learning Forum, 16(5), 5–6.

Bandura, A. (1977). Self-efficacy: Toward a unifying theory of behavioral change. *Psychological Review*, 84(2), 191–215.

Bandura, A. (1997). Self-efficacy: The exercise of control. New York, NY: Freeman.

Banta, T.W., Black, K. E., & Kline, K. A. (2000). PBL 2000 plenary address offers evidence for and against problem-based learning. *PBL Insight*, *3*(3). Retrieved from http://www.samford.edu/pbl

Barkley, E. F. (2009). Student engagement techniques: A handbook for college faculty. San Francisco, CA: Jossey-Bass.

Barkley, E. F., Major, C. H., & Cross, K. P. (2014). Collaborate learning techniques: A handbook for faculty. San Francisco, CA: Jossey-Bass.

Baron, N. (2015, February 13). The plague of tl;dr. Chronicle of Higher Education Review. Retrieved from http://chronicle.com/article/The-Plague-of-tl-dr/151635/

Barrineau, N.W. (2001). Class preparation and summary note cards. *National Teaching and Learning Forum*, 10(4), 5–6.

Bauerlein, M. (2009). The dumbest generation: How the digital age stupefies young Americans and jeopardizes our future (or Don't trust anyone under 30). New York, NY: Tarcher.

Baugh, N. G., & Mellott, K. G. (1998). Clinical concept mapping as preparation for student nurses' clinical experiences. *Journal of Nursing Education*, 37(6), 253–256.

Baughin, J., Brod, E. F., & Page, D. L. (2002). Primary trait analysis: A tool for classroom-based assessment. *College Teaching*, 50(2), 75–80.

Baume, D., & Baume, C. (2008). Powerful ideas in teaching and learning. Wheatley, UK: Oxford Brookes University.

Baxter Magolda, M. B. (1992). Knowing and reasoning in college: Gender-related patterns in students' intellectual development. San Francisco, CA: Jossey-Bass.

Bean, J. C. (2011). Engaging ideas: A professor's guide to integrating writing, critical thinking, and active learning in the classroom (2nd ed.). San Francisco, CA: Jossey-Bass.

Beaudry, J., & Wilson, P. (2010). Concept mapping and formative assessment: Elements supporting literacy and learning. In P. L. Torres & C.V. Marriott (Eds.), *Handbook of research on collaborative learning using concept mapping* (pp. 449–473). Hershey, PA: Information Science Reference.

Beichner, R. J., Saul, J. M., Abbott, D. S., Morse, J. J., Deardorff, D. L., Allain, R. J., Bonham, S. W., Dancy, M. H., & Risley, J. S. (2007). The student-centered activities for large enrollment undergraduate programs (SCALE-UP) project. Retrieved from http://www.per-central.org/document/ServeFile.cfm?ID=4517&DocID=183

Beissner, K. L. (1992). Use of concept mapping to improve problem solving. *Journal of Physical Therapy*, 6(1), 22–27.

Belanoff, P., & Dickson, M. (1991). Portfolios: Process and product. Portsmouth, NH: Boynton/Cook & Heinemann. Belbin, R. M. (2004). Team roles at work. Amsterdam, NL: Elsevier.

Bell, P., & Volckmann, D. (2011). Knowledge surveys in general chemistry: Confidence, overconfidence and performance. *Journal of Chemical Education*, 88(11), 1469–1476. Benander, R., Denton, J., Page, D., & Skinner, C. (2000). Primary trait analysis: Anchoring assessment in the classroom. *Journal of General Education*, 49(4), 280–302.

Benford, R., & Lawson, A. E. (2001). Relationships between effective inquiry use and the development of scientific reasoning skills in college biology labs. Report to the National Science Foundation (Grant DUE 9453610).

Bergtrom, G. (2006). Clicker sets as learning objects. Interdisciplinary Journal of Knowledge and Learning Objects, 2. Retrieved from http://ijklo.org/Volume2/v2p105–110 Bergtrom.pdf

Berk, R. A. (2005). Survey of 12 strategies to measure teaching effectiveness. *International Journal of Teaching and Learning in Higher Education*, 17(1), 48–62.

Berke, A., & Kastberg, S. S. (1998, March). Writing a teaching philosophy: The beginning of a teaching portfolio. Paper presented at the 19th Annual Meeting of the Sharing Conference of the Southern Regional Faculty and Instructional Development Consortium, Kennesaw, GA.

Washington, DC: National Academy Press, 32982/20106

Bernhardt, S. A. (1992). Teaching English: Portfolio evaluation. *Clearing House*, 65(6), 333–334.

Berry, M. J., & Westfall, A. (2015). Dial D for distraction: The making and breaking of cell phone policies in the college classroom. *College Teaching*, 63(2), 62–71.

Berry, P., Thornton, B., & Baker, R. (2006). Demographics of digital cheating: Who cheats, and what we can do about it. In M. Murray (Ed.), *Proceedings of the Ninth Annual Conference of the Southern Association for Information Systems* (pp. 82–87). Jacksonville, FL: Jacksonville University, Davis College of Business.

Berry, W. (2008). Surviving lecture: A pedagogical alternative. *College Teaching*, 56(3), 149–153.

Beyers, C. (2008). The hermeneutics of student evaluations. College Teaching, 56(2), 102–106.

Biggs, J. (2003). Teaching for quality learning at university (2nd ed.). Berkshire, UK: Society for Research into Higher Education and Open University Press.

Biktimirov, E. N., & Nilson, L. B. (2006). Show them the money: Using mind mapping in the introductory finance course. *Journal of Financial Education*, 32, 72–86.

Biktimirov, E. N., & Nilson, L. B. (2007). Adding animation and interactivity to finance courses with learning objects. *Journal of Financial Education*, 33, 35–47.

Bjork, E. L., & Bjork, R. A. (2011). Making things hard on yourself, but in a good way: Creating desirable difficulties to enhance learning. In M. A. Gernsbacher & J. Pomerantz (Eds.), *Psychology and the real world: Essays illustrating fundamental contributions to society* (2nd ed., pp. 56–64). New York, NY: Worth.

Bjork, R. A. (1994). Memory and metamemory considerations in the training of human beings. In J. Metcalfe & A. Shimamura (Eds.), *Metacognition: Knowing about knowing* (pp. 185–205). Cambridge, MA: MIT Press.

Bjork, R. A. (2013). Desirable difficulties perspective on learning. In H. Pashler (Ed.), *Encyclopedia of the mind*. Thousand Oaks, CA: Sage. Retrieved from http://bjork-lab.psych.ucla.edu/RABjorkPublications.php

Bligh, D.A. (2000). What's the use of lectures? San Francisco, CA: Jossey-Bass.

Bloom, B. (1956). Taxonomy of educational objectives: The classification of educational goals. Vol. 1: Cognitive domain. New York, NY: McKay.

Blue, T. (2003, March 14). "I don't know HOW to read this book!" *Irascible Professor*. Retrieved from http://irascibleprofessor.com/comments-03-14-03-epr.htm

Boice, R. (2000). Advice for new faculty members: Nihil nimus. Needham Heights, MA: Allyn & Bacon.

Bok, D. C. (2006). Our underachieving colleges. Princeton, NJ: Princeton University Press.

Bonwell, C. (2012). A disciplinary approach for teaching critical thinking. *National Teaching and Learning Forum*, 21(2), 1–7.

Bonwell, C. C., & Eison, J.A. (1991). Active learning: Creating excitement in the classroom (ASHE-ERIC Higher Education Report No. 1). Washington, DC: George Washington University, School of Education and Human Development. Boud, D., Lawson, R., & Thompson, D. G. (2013). Does student engagement in self-assessment calibrate their judgment over time? Assessment and Evaluation in Higher Education, 38(8), 941–956.

Bourland, J. (1996, March). Hollywood hustle. *Parenting*, 53, 29.

Bowen, J.A. (2012). Teaching naked: How moving technology out of your college classroom will improve student learning. San Francisco, CA: Jossey-Bass.

Bowen, W. (2013). Higher education in the digital age. Princeton, NJ: Princeton University Press.

Bowman, N. A. (2011, April 11). The validity of college seniors' self-reported gains as a proxy for longitudinal growth. Paper presented at the Annual Meetings of the American Educational Research Association, New Orleans, LA.

Brabrand, C. (Co-producer/Writer/Director), & Andersen, J. (Co-producer). (2006). Teaching teaching and understanding understanding [DVD]. Denmark: University of Aarhus and Daimi Edutainment.

Bradley, K. (2007). Reading noncompliance: A case study and reflection. *MountainRise*, 4(1). Retrieved from http://mountainrise.wcu.edu/archive/vol4no1/html/bradley.pdf

Braga, M., Paccagnella, M., & Pellizzari, M. (2014). Evaluating students' evaluations of professors. *Economics of Education Review*, 41, 71–88.

Bransford, J. D., Brown, A. L., & Cocking, R. R. (1999). How people learn: Brain, mind, experience, and school. Washington, DC: National Academy Press.

Brauchle, K. C. (2000). Plagiarism and the Internet: Cut and paste your way to success. *National Teaching and Learning Forum*, 10(1), 10–11.

Braumoeller, B. F., & Gaines, B. J. (2001). Actions do speak louder than words: Deterring plagiarism with the use of plagiarism-detection software. *PS: Political Science and Politics*, 34(4), 835–839.

Braun, N. M. (2004). Critical thinking in the business curriculum. *Journal of Education for Business*, 79(4), 232–236.

Breslow, L. (2010, September/October). Wrestling with pedagogical change: The TEAL Initiative at MIT. *Change*, 42, 23–29.

Bridges, E. M. (1992). Problem-based learning for administrators. Eugene, OR: ERIC Clearinghouse on Educational Management.

Brinkmann, A. (2003). Mind mapping as a tool in mathematics education. *Mathematics Teacher*, 96, 96–101.

Briscoe, C., & LaMaster, S. U. (1991). Meaningful learning in college biology through concept mapping. *American Biology Teacher*, 53(4), 214–219.

Brookfield, S. D. (2012). Teaching for critical thinking: Tools and techniques to help students question their assumptions. San Francisco, CA: Jossey-Bass.

Brookfield, S. D., & Preskill, S. (2005). Discussion as a way of teaching: Tools and techniques for democratic classrooms (2nd ed.). San Francisco, CA: Jossey-Bass.

Brookhart, S. M. (1999). The art and science of classroom assessment: The missing part of pedagogy (ASHE-ERIC Higher Education Report, 27(1)). Washington, DC: George Washington University, Graduate School of Education and Human Development.

Brown, P. C., Roediger III, H. L., & McDaniel, M. A. (2014). *Making it stick: The science of successful learning*. Cambridge, MA: Belknap Press of Harvard University Press.

Brown, T., & Rose, B. (2008, November 19–21). Use of metacognitive wrappers for field experiences. Session presented at the National Association of Geoscience Teachers Workshops: The Role of Metacognition in Teaching Geoscience, Carleton College, Northfield, MN. Retrieved from http://serc.carleton.edu/NAGTWorkshops/metacognition/tactics/28926.html

Browne, M. N., & Keeley, S. M. (2010). Asking the right questions: A guide to critical thinking (9th ed.). Upper Saddle River, NJ: Prentice Hall, Pearson.

Bruff, D. (2007). Clickers: A classroom innovation. Thriving in Academe, 25(1), 5–8.

Bruff, D. (2009). Teaching with classroom response systems: Creating active learning environments. San Francisco, CA: Jossey-Bass.

Bruff, D. (2016). Clickers-Agile learning: Derek Bruff's blog on teaching and technology. Retrieved from http://derekbruff.org/?page_id=2

Budesheim, T. L., & Lundquist, A. R. (2000). Consider the opposite: Opening minds through in-class debates on course-related controversies. *Teaching of Psychology*, 26, 106–120.

Bugeja, M. J. (2007, January 26). Distractions in the wireless classroom. *Chronicle of Higher Education*. Retrieved from http://chronicle.com/jobs/news/2007/01/200701 2601c.htm

Burchfield, C. M., & Sappington, J. (2000). Compliance with required reading assignments. *Teaching of Psychology*, 27(1), 58–60.

Burd, E. L., Smith, S. P., & Reisman, S. (2015). Exploring business models for MOOCs in higher education. *Innovative Higher Education*, 40(1), 37–49.

Bureau, D., & McRoberts C. (2001). Millennials: The corrective generation? *Perspectives*, 8–12.

Burrowes, P. A. (2003). A student-centered approach to teaching general biology that really works: Lord's constructivist model put to a test. *American Biology Teacher*, 65(7), 491–502.

Burt, D. (2010, December 1). Cheating confusion persists. *Yale Daily News*. Retrieved from http://yaledailynews.com/blog/2010/12/01/cheating-confusion-persists/

Butler, A. C., Marsh, E. J., Slavinsky, J. P., & Baraniuk, R. G. (2014). Integrating cognitive science and technology improves learning in a STEM classroom. *Educational Psychology Review*. doi:10.1007/s10648-014-9256-4

Buzan, T. (1974). Use your head. London, UK: BBC.

Cameron, J., & Pierce, W. D. (1994). Reinforcement, reward, and intrinsic motivation: A meta-analysis. *Review of Educational Research*, 64, 363–423.

Campus Compact. (2012). Creating a culture of assessment: 2012 annual member survey. Boston, MA: Author. Retrieved from http://www.compact.org/wp-content/uploads/2013/04/Campus-Compact-2012-Statistics.pdf Campus Compact (2014). Membership. Retrieved from http://www.compact.org/membership/

Canfield, P. J. (2002). An interactive, student-centered approach to teaching large-group sessions in veterinary clinical pathology. *Journal of Veterinary Medical Education*, 29(2), 105–110.

Cardon, L. S. (2014). Diagnosing and treating millennial student disillusionment. *Change*, 46(6), 34–40.

Carey, B. (2014, September 4). Why flunking exams is actually a good thing. New York Times Magazine. Retrieved from http://www.nytimes.com/2014/09/07/magazine/why-flunking-exams-is-actually-a-good-thing.html?_r=0

Carlile, O., & Jordan, A. (2005). It works in practice but will it work in theory? The theoretical underpinnings of pedagogy. In G. O'Neill, S. Moore, & R. McMullan (Eds.), *Emerging issues in the practice of university teaching* (pp. 11–25). Dublin: All Ireland Society for Higher Education.

Carlson, S. (2005, October 7). The Net generation goes to college. *Chronicle of Higher Education*, p. A34.

Carnes, M.C. (2014). Minds on fire: How role-immersion games transform college. Cambridge, MA: Harvard University Press.

Carnevale, D. (1999, November 12). How to proctor from a distance: Experts say professors need savvy to prevent cheating in online courses. *Chronicle of Higher Education*, pp. A47–A48.

Carney, A. G., Fry, S. W., Gabriele, R. V., & Ballard, M. (2008). Reeling in the big fish: Changing pedagogy to encourage the completion of reading assignments. *College Teaching*, *56*(4), 195–200.

Carrell, S. E., & West, J. E. (2010). Does professor quality matter? Evidence from random assignment of students to professors. *Journal of Political Economy*, 118(3), 409–432.

Carrier, C. A. (1983). Notetaking research implications for the classroom. *Journal of Instructional Development*, 6(3), 19–26.

Carroll, J. (2003a, May 2). Dealing with nasty students: The sequel. *Chronicle of Higher Education*, p. C5.

Carroll, J. (2003b, October 14). Constructing your in-class persona. *Chronicle of Higher Education*. Retrieved from http://chronicle.com/jobs/2003/10/2003101401c.html Case, K., Bartsch, R., McEnery, L., Hall, S., Hermann, A., & Foster, D. (2008). Establishing a comfortable classroom from day one: Student perceptions of the reciprocal interview. *College Teaching*, 56(4), 210–214.

Cashin, W. E. (1995). Student ratings of teaching: The research revisited (IDEA Paper No. 32). Manhattan: Kansas State University, Center for Faculty Evaluation and Development.

Centra. J. A. (1993). Reflective faculty evaluation: Enhancing teaching and determining faculty effectiveness. San Francisco, CA: Jossey-Bass.

Cepeda, N. J., Pashler, H., Vul, E., Wixted, J. T., & Rohrer, D. (2006). Distributive practice in verbal recall tasks: A review and quantitative synthesis. *Psychological Bulletin*, 132, 354–380.

Cerbin, W. (1994). The course portfolio as a tool for continuous improvement of teaching and learning. *Journal of Excellence in College Teaching*, 5, 95–105.

Chambliss, D. F., & Takacs, C. G. (2014). *How college works*. Cambridge, MA: Harvard University Press.

Chi, M.T. H., Glaser, R., & Rees, E. (1982). Expertise in problem solving. In R. Steinberg (Ed.), *Advances in the psychology of human intelligence* (pp. 7–76). Mahwah, NJ: Erlbaum.

Chiaramonte, P. (1994). The agony and the ecstasy of case teaching. Reaching through Teaching, 7(2), 1–2.

Chickering, A. W., & Gamson, Z. F. (1987, March). Seven principles for good practice in undergraduate education. *AAHE Bulletin*, 3-7. Retrieved from http://files.eric.ed.gov/fulltext/ED282491.pdf

Chism, N.V. N. (1997–1998). Developing a philosophy of teaching statement. Essays on Teaching Excellence, 9(3), 1–2.

Chism, N.V. N. (2007). Peer review of teaching: A sourcebook (2nd ed.). San Francisco, CA: Jossey-Bass.

Chrisler, J. C. (2013). Teaching about gender: Rewards and challenges. *Psychology of Men and Masculinity*, 14, 264–267.

Chun, M. (2010). Taking teaching to (performance) task: Linking pedagogical and assessment practices. Change, 42(2), 22–29.

Clark, J. (2008). PowerPoint and pedagogy: Maintaining student interest in university lectures. *College Teaching*, 56(1), 39–45.

Clark, J. M., & Paivio, A. (1991). Dual coding theory and education. Educational Psychology Review, 3(3), 149–210.

Clark, R. E. (2001). Learning from media: Arguments, analysis and evidence. Charlotte, NC: Information Age Publishing. Clayson, D. E. (2009). Student evaluations of teaching: Are they related to what students learn? A meta-analysis and review of the literature. Journal of Marketing Education, 31(1), 16–30. Retrieved from http://jmd.sagepub.com/content/31/1/16.full.pdf+html

Clayson, D. E. (2011). A multi-disciplined review of the student teacher evaluation process. Retrieved from http://business.uni.edu/clayson/Ext/SETSummary2011.doc

Clayson, D. E., Frost, T. E., & Sheffet, M. J. (2006). Grades and the student evaluation of instruction: A test of the reciprocity effect. *Academy of Management Learning and Education*, 5(1), 52–65.

Clayson, D. E., & Haley, D. A. (2011, Summer). Are students telling us the truth? A critical look at the student evaluation of teaching. *Marketing Education Review*, 21, 101–112.

Clayson, D. E., & Haley, D. A. (2013). An introduction to multitasking and texting: Prevalence and impact on grades and GPA in marketing classes. *Journal of Marketing Education*, 35, 26–40. Retrieved from http://jmd.sage-pub.com/content/35/1/26.full.pdf+html

Clayton, P. H., Bringel, R. G., & Hatcher, J. A. (Eds.). (2013). Research on service-learning: Conceptual frameworks and assessment, Vol. 2A. Students and faculty. Sterling, VA: Stylus.

Cliburn, J. W. (1990). Concepts to promote meaningful learning. *Journal of College Science Teaching*, 19(4), 212–217. Coffield, F., with Costa, C., Müller, W., & Webber, J. (2014). *Beyond bulimic learning: Improving teaching in further education*. London: Institute of Education Press.

Coffield, F., Moseley, D., Hall, E., & Ecclestone, K. (2004). Learning styles and pedagogy in post-16 learning: A systematic

and critical review. London, UK: Learning and Skills Research Centre. Retrieved from http://www.lsda.org.uk/files/PDF/1543.pdf

Cohen, P.A. (1980). Effectiveness of student-rating feedback for improving college instruction: A meta-analysis of findings. *Research in Higher Education*, 13(4), 321–341.

Cohen, P. A. (1981). Student ratings of instruction and student achievement: A meta-analysis of multi-section validity studies. *Review of Educational Research*, 51, 281–309.

Collison, M. (1990a, January 17). Apparent rise in students' cheating has college officials worried. *Chronicle of Higher Education*, pp. A33–A34.

Collison, M. (1990b, October 24). Survey at Rutgers suggests that cheating may be on the rise at large universities. *Chronicle of Higher Education*, pp. A31–A32.

Colvin, K. F., Champaign, J., Liu, A., Zhou, Q., Fredericks, C., & Pritchard, D. E. (2014). Learning in an introductory physics MOOC: All cohorts learn equally, including an on-campus class. *International Review of Research in Open and Distance Learning*, 15(4). Retrieved from http://www.irrodl.org/index.php/irrodl/article/view/1902/3009

Connor-Greene, P. (2000). Assessing and promoting student learning: Blurring the line between teaching and learning. *Teaching of Psychology*, 27(2), 84–88.

Cornelius, T. L., & Owen-DeSchryver, J. (2008). Differential effects of full and partial notes on learning outcomes and attendance. *Teaching of Psychology*, 35(1), 6–12. Retrieved from http://www.unc.edu/~vsathy/fullorpartialnotes.pdf

Cornelius-White, J. (2007). Learner-centered teacher-student relationships are effective: A meta-analysis. *Review of Educational Research*, 77(1):113-143. doi: 10.3102/003465430298563

Cortright, R. N., Collins, H. L., & DiCarlo, S. E. (2005). Peer instruction enhanced meaningful learning: Ability to solve novel problems. *Advances in Physiology Education*, 29(2), 107–111.

Cortright, R. N., Collins, H. L., Rodenbaugh, D. W., & DiCarlo, S. E. (2003). Student retention of course content is improved by collaborative-group testing. *Advances in Physiology Education*, 27(3), 102–108.

Costa, C. (2014). Teaching and learning in context . . . with a little help from a web. In F. Coffield (Ed.), Beyond bulimic learning: Improving teaching in further education (pp. 117–134). London, UK: Institute of Education.

Cox, R. D. (2011). The college fear factor: How students and professors misunderstand one another. Cambridge, MA: Harvard University Press.

Crenshaw, D. (2008). The myth of multitasking: How "doing it all" gets nothing done. San Francisco, CA: Jossey-Bass.

Cross, K. P. (1988). In search of zippers. AAHE Bulletin, 40(10), 3-7.

Crouch, C. E., & Mazur, E. (2001). Peer instruction: Ten years of experience and results. *American Journal of Physics*, 69, 970–977.

Crowley, M. L. (1993). Student mathematics portfolio: More than a display case. *Mathematics Teacher*, 86(7), 544–547.

Crutchfield, T. N., & Klamon, K. (2014). Assessing the dimension and outcomes of an effective teammate. *Journal of Education for Business*, 89(6), 285–291.

Curren, J. M., & Rosen, D. E. (2006). Student attitudes toward college courses: An examination of influences and intentions. *Journal of Marketing Education*, 28(2), 135–148.

Cuseo, J. B. (2002). Igniting student involvement, peer interactions, and teamwork. Stillwater, OK: New Forums Press.

Dallimore, E. J., Hertenstein, J. H., & Platt, M. B. (2006). Non-voluntary class participation in graduate discussion courses: Effects of grading and cold-calling on student comfort. *Journal of Management Education*, 30(2), 354–377.

Dallimore, E. J., Hertenstein, J. H., & Platt, M. B. (2008). Using discussion pedagogy to enhance oral and written communication skills. *College Teaching*, *56*(3), 163–170.

Daniel, D. B., & Willingham, D.T. (2012). Electronic text-books: Why the rush? *Science*, *333*, 156–1571. Retrieved from http://www.fas.harvard.edu/~bok_cen/sfn/2013/science30mar2012.pdf

Daniel, D. B., & Woody, W. D. (2013). E-textbooks at what cost? Performance and use of electronic v. print texts. *Computers and Education*, 62, 18–23. Retrieved from http://www.sciencedirect.com/science/article/pii/S0360131512002448

Daniels, A. C. (2000). Bringing out the best in people: How to apply the astonishing power of positive reinforcement. New York, NY: McGraw-Hill.

Daniels, A. C., & Daniels, J. E. (2004). Performance management: Changing behavior that drives organizational effectiveness (4th ed.). Atlanta, GA: Performance Management Publications.

Davidson, C. (2014, March 14). Changing higher education to change the world. *Chronicle of Higher Education*. Retrieved from http://chronicle.com/blogs/future/2014/03/14/changing-higher-education-to-change-the-world/

Davidson, H. (2008). Welcome to Hall Davidson's site. Retrieved from http://www.halldavidson.com/

Davidson, N., & Major, C. H. (2014). Boundary crossings: Cooperative learning, collaborative learning, and problem-based learning. *Journal of Excellence on College Teaching*, 25(3&4), 7–55.

Davis, B. G. (2009). Tools for teaching (2nd ed.). San Francisco, CA: Jossey-Bass.

Davis, G. R. (2015). Syllabus for BIO 342: Human Physiology, Wofford University. Retrieved from http://webs.wofford.edu/davisgr/bio342/index.htm

Davis, J. R., & Arend, B. D. (2013). Facilitating seven ways of learning: A resource for more purposeful, effective, and enjoyable college teaching. Sterling, VA: Stylus.

Dawisha, N., & Dawisha, K. (2014, September 3). How syllabi can help combat sexual assault. *Chronicle of Higher Education*. Retrieved from http://chronicle.com/blogs/conversation/2014/09/03/how-syllabi-can-help-combat-sexual-assault/?cid=at&utm_source=at&utm_medium=en

Deal, A. (2007, November). Classroom response systems (Teaching with Technology White Paper). Retrieved from http://www.cmu.edu/teaching/resources/Publications Archives/StudiesWhitepapers/ClassroomResponse_Nov07.pdf

Deci, E. L. (1971). Effects of externally mediated rewards on intrinsic motivation. *Journal of Personality and Social Psychology*, 18(1), 105–115.

Deci, E. L., Koestner, R., & Ryan, R. M. (1999). A meta-analytic view of experiments examining the effects of extrinsic rewards on intrinsic motivation. *Psychological Bulletin*, 185, 627–668.

Deci, E. L., & Ryan, R. M. (1985). Intrinsic motivation and self-determination in human behavior. New York, NY: Plenum.

Deci, E. L., & Ryan, R. M. (Eds.). (2002). Handbook of self-determination research. Rochester, NY: University of Rochester Press.

Dee, K. C. (2007). Student perceptions of high course workloads are not associated with poor student evaluations of instructor performance. *Journal of Engineering Education*, 96(1), 69–78.

Dee, T. S., & Jacob, B. A. (2012). Rational ignorance in education: A field experiment in student plagiarism. *Journal of Human Resources*, 47(2), 397–434.

DeJong, T., & Ferguson-Hessler, M. G. (1996). Types and quality of knowledge. *Educational Psychologist*, 8(2), 105–113.

Delaney, E. (1991). Applying geography to the classroom through structured discussions. *Journal of Geography*, 90(3), 129–133.

Dempster, F. N. (1996). Distributing and managing the conditions of encoding and practice. In E. L. Bork & R. A. Bork (Eds.), *Human memory* (pp. 197–236). Orlando, FL: Academic Press.

Dempster, F. N. (1997). Using tests to promote classroom learning. In R. F. Dillon (Ed.), *Handbook on testing* (pp. 332–346). Westport, CT: Greenwood Press.

Dennis, J. M., Phinney, J. S., & Chuateco, L. I. (2005). The role of motivation, parental support, and peer support in the academic success of ethnic minority first-generation college students. *Journal of College Student Development*, 46, 223–236.

Derek Bok Center for Teaching and Learning, Harvard University. (2006). *Tips for teachers: Teaching in racially diverse college classrooms*. Retrieved from http://isites.harvard.edu/fs/html/icb.topic58474/TFTrace.html

Derousseau, R. (2014, December 12). Professors grow weary of idea that technology can salvage higher education. U.S. News & World Report, Special Report. Retrieved from http://www.usnews.com/news/college-of-tomorrow/articles/2014/12/12/professors-grow-weary-of-idea-that-technology-can-salvage-higher-education

Derry, S. J. (1984). Effects of an organizer on memory for prose. *Journal of Educational Psychology*, 76, 98–107.

Deslauriers, L., Schelew, E., & Wieman, C. E. (2011). Improved learning in a large-enrollment physics class. *Science*, *332*, 862–864. Retrieved from https://www.sciencemag.org/content/332/6031/862.full

Dimitrov, N. (2009). Western guide to mentoring graduate students across cultures. London, ON: Teaching Support Centre, University of Western Ontario, Canada. Retrieved from http://www.uwo.ca/tsc/resources/pdf/PG_3_MentoringAcrossCultures.pdf

Dinan, F. (2002). Chemistry by the case. *Journal of College Science Teaching*, 32(1), 36–41.

Dobrow, S. R., Smith, W. K., & Posner, M. A. (2011). Managing the grading paradox: Leveraging the power of choice in the classroom. *Academy of Management Learning and Education*, 10(2), 251–276.

Dochy, F., Segers, M., Van den Bossche, P., & Gijbels, D. (2003). Effects of problem-based learning: A meta-analysis. *Learning and Instruction*, 13, 533–568.

Doolittle, P.E., & Siudzinski, R.A. (2010). Recommended syllabus components: What do higher education faculty include in their syllabi? *Journal on Excellence in College Teaching*, 21(3), 29–61.

Doyle, T. (2008). Helping students learn in a learner-centered environment: A guide to facilitating learning in higher education. Sterling, VA: Stylus.

Doyle, T., & Zakrajsek, T. (2013). The new science of learning: How to live in harmony with your brain. Sterling, VA: Stylus.

Drake, R. (2009, February). Essay preparedness and student success. Poster session presented at the annual Lilly South Conference on College Teaching, Greensboro, NC.

Driver, M. (2001). Fostering creativity in business education: Developing creative classroom environments to provide students with critical workplace competencies. *Journal of Education for Business*, 77, 28–33.

Duch, B. J., & Allen D. E. (1996). Problems: A key factor in PBL. About Teaching, 50, 25–28.

Duch, B. J., Allen, D. E., & White, H. B., III. (1997–1998). Problem-based learning: Preparing students to succeed in the 21st century. *Essays on Teaching Excellence*, 9(7), 1–2.

Duch, B. J., Groh, S. E., & Allen, D. E. (2001). The power of problem-based learning. Sterling, VA: Stylus.

Duda, G. (2014). The road to a project-based classroom. Change, 46(6), 42-45.

Duncan, D. K., Hoekstra, A. R., & Wilcox, B. R. (2012). Digital devices, distraction, and student performance: Does in-class cell phone use reduce learning? *Astronomy Education Review, 11*. Retrieved from http://www.colorado.edu/physics/EducationIssues/papers/Wilcox/Duncan_2012_AER.pdf

Duncan, N. (2007). Feed-forward: Improving students' use of tutors' comments. Assessment and Evaluation in Higher Education, 32(2), 271–283.

Dunlosky, J., Rawson, K., Marsh, E., Nathan, M., & Willingham, D. (2013). Improving students' learning with effective learning techniques: Promising directions from cognitive and educational psychology. *Psychological Science in the Public Interest*, 14(1), 4–58.

Dweck, C. S. (2007). *Mindset: The new psychology of success.* New York, NY: Random House.

Dweck, C. S., & Leggett, E. (1988). A social-cognitive approach to motivation and personality. *Psychological Review*, 95, 256–273.

Eagan, M. K., Lozano, J. B., Hurtado, S., & Case, M. H. (2013). *The American freshman: National norms fall 2013*. Los Angeles: Higher Education Research Institute, UCLA. Retrieved from http://www.heri.ucla.edu/monographs/TheAmericanFreshman2013.pdf

Eagan, M. K., Stolzenberg, E. B., Lozano, J. B., Aragon, M. C., Suchard, M. R., & Hurtado, S. (2014). Undergraduate teaching faculty: The 2013–2014 HERI Faculty Survey. Los Angeles, CA: Higher Education Research Institute, UCLA. Retrieved from http://heri.ucla.edu/monographs/HERI-FAC2014-monograph.pdf Ebel, R. L. (1978). The effectiveness of multiple true-false test items. Educational and Psychological Measurement, 38(1), 37–44.

Eddy, S. L., & Hogan, K. A. (2014). Getting under the hood: How and for whom does Increasing course structure work? *Life Science Education*, 13(3), 453–468. doi:10.1187/cbe.14–03–0050

Edens, K. M. (2000). Preparing problem solvers for the 21st century through problem-based learning. *College Teaching*, 48(2), 55–60.

Edwards, N. M. (2007). Student self-grading in social statistics. *College Teaching*, 55(2), 72–76.

Ehrlinger, J., Johnson, K., Banner, M., Dunning, D., & Kruger, J. (2008). Why the unskilled are unaware: Further explorations of (absent) self-insight among the incompetent. Organizational Behavior and Human Decision Process, 105(1), 98–121. Retrieved from http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2702783/

Eisenberger, R., & Cameron, J. (1996). Detrimental effects of reward: Reality or myth? *American Psychologist*, 51, 1153–1166.

Ellis, D. (2006). Becoming a master student (11th ed.). Boston: Houghton Mifflin.

Eriksson, L. T., & Hauer, A. M. (2004). Mind map marketing: A creative approach in developing marketing skills. *Journal of Marketing Education*, 26(2), 174–187.

Ewens, W. (2000). Teaching using discussion. In R. Neff & M. Weimer (Eds.), Classroom communication: Collected readings for effective discussion and questioning (pp. 21–26). Madison, WI: Atwood.

Eyler J., & Giles, D. E., Jr. (1999). Where's the learning in service-learning? San Francisco, CA: Jossey-Bass.

Fabris, C. (2015, May 15). Want to make your course more "gameful"? A Michigan professor's tool could help. *Chronicle of Higher Education*. Retrieved from http://chronicle.com/blogs/wiredcampus/want-to-make-your-course-gameful-a-michigan-professors-tool-could-help/56649

Facione, P.A. (1990). Critical thinking: A statement of expert consensus for purposes of educational assessment and instruction. Research findings and recommendations. Retrieved from http://files.eric.ed.gov/fulltext/ED315423.pdf

Facione, P.A. (2011). *Think critically.* Upper Saddle River, NJ: Prentice Hall.

Facione, P. A. (2013). Critical thinking: What it is and why it counts. Retrieved from http://www.insightassessment.com/pdf_files/what&why2006.pdf

Facione, P. A., Facione, N. C., & Giancarlo, C. (2000). The disposition toward critical thinking: Its character,

measurement, and relationship to critical thinking skills. Journal of Informal Logic, 20(1), 61–84.

Fadel, C. (2008). Multimodal learning through media: What the research says. Cisco Systems. Retrieved from http://www.cisco.com/web/strategy/docs/education/Multimodal-Learning-Through-Media.pdf

Fagen, A. P., Crouch, C. H., & Mazur, E. (2002). Peer instruction: Results from a range of classrooms. *Physics Teacher*, 40, 206–209.

Falchikov, N., & Boud, D. (1989). Student self-assessment in higher education: A meta-analysis. *Review of Educational Research*, 59(4), 395–430.

Falkenberg, S. (1996). *The feedback fallacy*. Retrieved from http://people.eku.edu/falkenbergs/feedback.htm

Farrand, P., Hussain, F., & Hennessy, E. (2002). The efficacy of the "mind map" study technique. *Medical Education*, 36, 426–431.

Fasko, D. (2003, April). Case studies and method in teaching and learning. Paper presented at the Annual Meeting of the Society of Educators and Scholars, Louisville, KY.

Featherly. K. (2014, September). The social club: Are Web 2.0 technologies the key to making distance learning truly effective? *Delta Sky*, 95–103.

Felder, R. M. (1993). Reaching the second tier: Learning and teaching styles in college science education. *Journal of College Science Teaching*, 23(5), 286–290. Retrieved from http://www4.ncsu.edu/unity/lockers/users/f/felder/public/Papers/Secondtier.html

Felder, R. M. (1996). Matters of style. *ASEE Prism*, 6(4), 18–23. Retrieved from http://www4.ncsu.edu/unity/lockers/users/f/felder/public/Papers/LS-Prism.htm

Felder, R. M. (1999). Memo to students who are disappointed with their last test grade. *Chemical Engineering Education*, 33(2), 136–137. Retrieved from http://www.ncsu.edu/felder-public/Colums/memo.pdf

Felder, R. M., & Brent, R. (2001). Effective strategies for cooperative learning. *Journal of Cooperation and Collaboration in College Teaching*, 10(2), 67–75.

Felder, R. M., & Brent, R. (2005). Understanding student differences. *Journal of Engineering Education*, 94(1), 57–72. Retrieved from http://www4.ncsu.edu/unity/

lockers/users/f/felder/public/Papers/Understanding_ Differences.pdf

Felder, R.M., & Silverman, L.K. (1988). Learning and teaching styles in engineering education. *Engineering Education*, 78(7), 674–681. Retrieved from http://www4.ncsu.edu/unity/lockers/users/f/felder/public/Papers/LS-1988.pdf

Felder, R. M., & Soloman, B. A. (n.d.a). *Index of learning styles (ILS)*. Retrieved from http://www4.ncsu.edu/unity/lockers/users/f/felder/public/ILSpage.html

Felder, R. M., & Soloman, B.A. (n.d.b). Learning styles and strategies. Retrieved from http://www4.ncsu.edu/unity/lockers/users/f/felder/public/ILSdir/styles.htm

Felder, R. M., & Spurlin, J. (2005). Applications, reliability, and validity of the Index of Learning Styles. *International Journal of Engineering Education*, 21(1), 103–112. Retrieved from http://www4.ncsu.edu/unity/lockers/users/f/felder/public/ILSdir/ILS_Validation(IJEE).pdf

Feldman, K. A. (1989). The association between student ratings of specific instructional dimensions and student achievement: Refining and extending the synthesis of data from multisection validity studies. *Research in Higher Education*, 30(6), 583–645.

Feldmann, L. J. (2001). Classroom civility is another of our instructor responsibilities. *College Teaching*, 49(4), 137–141.

Feldon, D. F. (2010). Why magic bullets don't work. Change, 42(2), 15–21.

Felten, P. (2008). Visual literacy. Change, 40(6), 60-63.

Ferguson, M. (1989). The role of faculty in increasing student retention. College and University, 69, 127–134.

Fernald, P. S. (2004). The Monte Carlo quiz. College Teaching, 52(3), 95–99.

Ferris, M. E. (2015, April 20). With Twitter Statistics 101 takes flight. *Chronicle of Higher Education*. Retrieved from http://chronicle.com/article/With-Twitter-Statistics-101/229279

Ferris, W. P., & Hess, P.W. (1984). Peer evaluation of student interaction in organizational behavior and other courses. Organizational Behavior Teaching Review, 9(4), 74–82.

Finelli, C. J., Ott, M., Gottfried, A. C., Hershock, C., O'Heal, C., & Kaplan, M. (2008). Utilizing instructional consultations to enhance the teaching performance of engineering faculty. *Journal of Engineering Education*, 97(4), 397–411.

Fink, L. D. (2013). Creating significant learning experiences: An integrated approach to designing college courses (2nd ed.). San Francisco, CA: Jossey-Bass.

Fink, L. D., & Fink, A. K. (Eds.). (2009). New directions for teaching and learning: No. 119. Designing courses for significant learning: Voices of experience. San Francisco, CA: Jossey-Bass.

Fischman, G. E. (2001). Reflections about images, visual culture, and educational research. *Educational Researcher*, 30(8), 28–33.

Fischman, J. (2009, March 16). Students stop surfing after being shown how in-class laptop use lowers test scores. Chronicle of Higher Education. Retrieved from http://chronicle.com/blogs/wiredcampus/students-stop-surfing-after-being-shown-how-in-class-laptop-use-lowers-test-scores/4576

Flavell, J. H. (1976). Metacognitive aspects of problem solving. In L. B. Resnick (Ed.), *The nature of intelligence* (pp. 231–236). Mahwah, NJ: Erlbaum.

Foer, J. (2011). Moonwalking with Einstein: The art and science of remembering everything. New York, NY: Penguin. Retrieved from http://www.capitalessence.com/blog/wp-content/uploads/2011/12/Moonwalking_with_Einstein_-_Foer__Joshua.pdf

Foerde, K., Knowlton, B. J., & Poldrack, R. A. (2006). Modulation of competing memory systems by distraction. *Proceedings of the National Academy of Sciences USA*, 103, 11778–11783. Retrieved from http://www.pnas.org/content/103/31/11778.full

Forster, F., Hounsell, D., & Thompson, S. (1995). *Tutoring and demonstrating: A handbook*. Edinburgh, UK: University of Edinburgh, Center for Teaching, Learning, and Assessment.

Foster, A. (2008a, January 17). Despite skeptics, publishers tout new "fair use" agreements with universities. *Chronicle of Higher Education*. Retrieved from http://chronicle.com/daily/2008/01/1279n.htm

Foster, D. (2015). Private journals versus public blogs: The impact of peer readership on low-stakes reflective writing. *Teaching Sociology*, 43(2), 104–114.

Fox, H. (1994). (1994). Listening to the world: Cultural issues in academic writing. Urbana, IL: National Council of Teachers of English. Retrieved from http://www-personal.umich.edu/~hfox/listening.pdf

Freeman, S., Eddy, S. L., McDonough, M., Smith, M. K., Okoroafor, N., Jordt, H., & Wenderoth, M. P. (2014). Active learning increases student performance in science, engineering, and mathematics. *Proceedings of the National Academy of Sciences USA*, 111, 8410–8415. Retrieved from http://www.pnas.org/content/111/23/8410.full.pdf+html

Freeman, S., O'Connor, E., Parks, J. W., Cunningham, M., Hurley, D., Haak, D., Dirks, C., & Wenderoth, M. P. (2007). Prescribed active learning increases performance in introductory biology. *Cell Biology Education*, 6, 132–139.

Friedman, P., Rodriguez, F., & McComb, J. (2001). Why students do and do not attend classes: Myths and realities. *College Teaching*, 49(4), 124–133.

Frierson, H.T. (1986). Two intervention methods: Effects on groups of predominantly black nursing students' board scores. *Journal of Research and Development in Education*, 19, 18–23.

Frisby, B. N., & Martin, M. M. (2010). Instructor-student and student-student rapport in the classroom. Communication Education, 59(2), 146–164.

Frisby, D. A., & Sweeney, D. C. (1982). The relative merits of multiple true-false achievement tests. *Journal of Educational Measurement*, 19(1), 29–35.

Frymier, J. R. (1970). Motivation is what it's all about. *Motivation Quarterly*, 1, 1–3.

FTI Consulting. (2015). U.S. postsecondary faculty in 2015: Diversity in people, goals, and methods, but focused on students. Bill & Melinda Gates Foundation. Retrieved from http://postsecondary.gatesfoundation.org/wp-content/uploads/2015/02/US-Postsecondary-Faculty-in-2015. pdf

Gabel, C. (1999, March). Using case studies to teach science. Paper presented at the Annual Meeting of the National Association for Research in Science Teaching, Boston.

Gabriel, K. F. (2008). Teaching unprepared students: Strategies for promoting success and retention in higher education. Sterling, VA: Stylus.

Gauci, S. A., Dantas, A. M., Williams, D. A., & Kenn, R. E. (2009). Promoting student-centered active learning in lectures with a personal response system. *Advanced Physiological Education*, 33(1), 60–71. Retrieved from http://advan.physiology.org/content/33/1/60

Gedalof, A. J. (1998). Green guide: No. 1. Teaching large classes. Halifax, NS, Canada: Society for Teaching and Learning in Higher Education.

Geddes, L. (2014, May 23). How educators can get glowing course evaluations from students (even struggling students) in rigorous courses. The Learnwell Projects blog. Retrieved from http://www.thelearnwellprojects.com/how-educators-can-get-glowing-course-evaluations-from-students-even-struggling-students-in-rigorous-courses/

Gibbons, M. (2002). The self-directed learning handbook: Challenging adolescent students to excel. San Francisco, CA: Jossey-Bass.

Gilmore, T. N., & Schall, E. (1996). Staying alive to learning: Integrating enactments with case teaching to develop leaders. *Journal of Policy Analysis and Management*, 15(3), 444–457.

Ginns, P. (2005). Meta-analysis of the modality effect. Learning and Instruction, 15, 313–331.

Giuliodori, M. J., Lujan, H. L., & DiCarlo, S. E. (2006). Peer instruction enhanced student performance on qualitative problem-solving questions. *Advances in Physiology Education*, 30, 168–173.

Glaser, R. (1991). The maturing of the relationship between the science of learning and cognition and educational practice. *Learning and Instruction*, 1(1), 129–144.

Glazer, F. S. (2011). Baby steps to blended: Introduction of a blended unit to a conventional course. In F. S. Glazer (Ed.), *Blended learning: Across the disciplines, across the academy* (pp. 31–58). Sterling, VA: Stylus.

Glenn, D. (2009, December 15). Matching teaching style to learning style may not help students. *Chronicle of Higher Education*. Retrieved from http://chronicle.com/article/Matching-Teaching-Style-to/49497/

Glew, R. H. (2003). The problem with problem-based medical education: Promises not kept. *Biochemistry and Molecular Biology Education*, 31(1), 52–56.

Gobet, F., Lane, P.C.R., Croker, S., Cheng, P.C.H., Jones, G., Oliver, I., & Pine, J. M. (2001). Chunking mechanisms in human learning. *Trends in Cognitive Sciences*, 5, 236–243. doi:10.1016/S1364–6613(00)01662–4

Golding, T. L. (2008). Bonuses of a bonus assignment! *Teaching Professor*, 22(6), 5.

Gonsalves, L. M. (2002). Making connections: Addressing the pitfalls of white faculty/black male student communication. *College Composition and Communication Online*, 53, 435–465.

Gonzalez, V., & Lopez, E. (2001). The age of incivility: Countering disruptive behavior in the classroom. *AAHE Bulletin*, 55(8), 3–6.

Goodson, L. (2005, March). Content, presentation and learning activities. Paper presented at the 26th Annual Meeting of the Sharing Conference of the Southern Regional Faculty and Instructional Development Consortium, Lake Junaluska, NC.

Goodwin, B., & Miller, K. (2013). Evidence on flipped classroom still coming in. *Educational Leadership*, 70(6), 78–80.

Granitz, N. A., Koernig, S. K., & Harich, K. R. (2009). Now it's personal: Antecedents and outcomes of rapport between business faculty and their students. *Journal of Marketing Education*, 31(1), 52–65.

Grant-Thompson, S., & Atkinson, D. (1997). Cross-cultural mentor effectiveness and African American male students. *Journal of Black Psychology*, 23, 120–134.

Grasgreen, A. (2012, March 16). Who cheats, and how. *Inside Higher Education*. Retrieved from https://www.insidehighered.com/news/2012/03/16/arizona-survey-examines-student-cheating-faculty-responses

Gray, M. J., Ondaatje, E. H., Fricker, R. D., & Geschwind, S. A. (2000). Assessing service-learning: Results from a survey of "Learn and Service American Higher Education." *Change*, 32(2), 30–39.

Gray, M. J., Ondaatje, E. H., & Zakaras, L. (1999). Combining service and learning in higher education: Summary report. Santa Monica, CA: Rand Corporation.

Griffiths, E. (2010). Clearing the misty landscape: Teaching students what they didn't know then, but know now. *College Teaching*, 58, 32–37.

Gruhn, D., & Cheng, Y. (2014). A self-correcting approach to multiple-choice exams improves students' learning. *Teaching of Psychology*, 41(4), 335–339.

Grunert, J. (1997). The course syllabus: A learning-centered approach. San Francisco, CA: Jossey-Bass/Anker.

Guertin, L. (2011). Pre-recorded online audio review sessions. *College Teaching*, *59*, 45. doi:10.1080/875675503252561

Guo, S., & Jamal, Z. (2007). Green guide: No 8. Cultural diversity and inclusive teaching. Ontario, Canada: Society for Teaching and Learning in Higher Education.

Haak, D. C., HilleRisLambers, J., Pitre, E., & Freeman, S. (2011). Increased structure and active learning reduce the achievement gap in introductory biology. *Science*, *332*, 1213–1216. doi:10.1126/science.1204820

Habanek, D.V. (2005). An examination of the integrity of the syllabus. *College Teaching*, 53(2), 62–64.

Habron, G., & Dann, S. (2002). Breathing life into the case study approach: Active learning in an introductory natural resource management class. *Journal on Excellence in College Teaching*, 13(2/3), 41–58.

Hake, R. R. (1998). Interactive-engagement vs. traditional methods: A six thousand-student survey of mechanics test data for introductory physics courses. *American Journal of Physics*, 66, 64–74.

Halpern, D. F. (1998). Teaching critical thinking for transfer across domains: Dispositions, skills, structure training, and metacognitive monitoring. *American Psychologist*, 53(4), 449–455. Retrieved from http://projects.ict.usc.edu/itw/vtt/HalpernAmPsy98CritThink.pdf

Halpern, D. F. (1999). Teaching for critical thinking: Helping college students develop the skills and dispositions of a critical thinker. *New Directions for Teaching and Learning*, 1999(80), 69–74. Retrieved from http://onlinelibrary.wiley.com/doi/10.1002/tl.v1999:80/issueto.

Halpern, D. F. (2003). Thought and knowledge: An introduction to critical thinking (4th ed.). Mahwah, NJ: Erlbaum.

Halpern, D. F. (2004, December 1). Teaching critical thinking skills across the curriculum. Webinar produced by Starlink Training.

Halpern, D. F., & Associates. (1994). Changing college class-rooms. San Francisco, CA: Jossey-Bass.

Halvorson, H. G. (2014). The key to great feedback? Praise the process, not the person. Retrieved from http://99u.com/articles/19442/the-key-to-great-feedback-praise-the-process-not-the-person

Haney, W., & Clarke, M. (2007). Cheating on tests: Prevalence, detection, and implications for on-line testing. In E. Anderman & T. Murdock (Eds.), *Psychology of academic cheating* (pp. 255–288). Burlington, MA: Elsevier. Hansen, E. J. (2011). *Idea-based learning: A course design process to promote conceptual understanding.* Sterling, VA: Stylus. Hanson, D. (2006). *Instructor's guide to process-oriented*

guided-inquiry learning. Stony Brook, NY: Stony Brook University.

Hanson, D., & Wolfskill, T. (2000). Process workshops: A new model for instruction. *Journal of Chemical Education*, 77(1), 120–129.

Harding, T., Mayhew, M., Finelli, C., & Carpenter, D. (2007). The theory of planned behavior as a model of academic dishonesty in engineering and humanities undergraduates. *Ethics and Behavior*, 17(3), 255–279.

Hartley, J., & Davies, I. K. (1986). Note-taking: A critical review. *Programmed Learning and Educational Technology*, 15, 207–224. Retrieved from http://www.tandfonline.com/doi/abs/10.1080/0033039780150305?journalCode=riie19

Hartman, J. L. (2006, June). Teaching and learning in the Net generation. Plenary session presented at the annual meeting of the Association of American University Presses, New Orleans, LA.

Harvard University. (2008). *Instructional technology survey*. Cambridge, MA: Harvard University, Department of Romance Languages and Literatures.

Hattie, J. (2009). Visible learning: A synthesis of over 800 meta-analyses relating to achievement. New York, NY: Routledge.

Hattie, J., & Timperley, H. (2007). The power of feedback. *Review of Educational Research*, 77(1), 81–112. Retrieved from http://rer.sagepub.com/content/77/1/81.full

Heller, P., & Hollabaugh, M. (1992). Teaching problem solving through cooperative grouping. Part 2: Designing

problems and structuring groups. American Journal of Physics, 60(7), 637-644.

Heller, P., Keith, R., & Anderson, S. (1992). Teaching problem solving through cooperative grouping. Part 1: Group vs. individual problem solving. *American Journal of Physics*, 60(7), 627–636.

Hertel, J. P., & Millis, B. J. (2002). Using simulations to promote learning in higher education. Sterling, VA: Stylus.

Higdon, J., & Topaz, C. (2009). Blogs and wikis as instructional tools: A social software adaptation of just-in-timeteaching. *College Teaching*, *57*(2), 105–109.

Higher Education Research Institute. (2004, January 26). Political interest on the rebound among the nation's freshmen, UCLA survey reveals. Retrieved from www.gseis.ucla.edu/heri/03_press_release.pdf

Hintz, M. M. (2005). Can problem-based learning address content and process? *Biochemistry and Molecular Biology Education*, 33, 363–368.

Hmelo-Silver, C. E. (2004). Problem-based learning: What and how do students learn? *Educational Psychology Review*, 16, 235–266.

Hmelo-Silver, C. E., Duncan, R. G., & Chin, C. A. (2007). Scaffolding and achievement in problem-based and inquiry learning: A response to Kirschner, Sweller, and Clark (2006). *Educational Psychologist*, 42(2), 99–107.

Hobson, E. H. (2002). Assessing students' motivation to learn in large classes. American Journal of Pharmaceutical Education, 56, 82S.

Hobson, E. H. (2004). *Getting students to read: Fourteen tips* (IDEA Paper No. 40). Manhattan: Kansas State University, Center for Faculty Evaluation and Development.

Hodges, L. C. (2015). Teaching undergraduate science: A guide to overcoming obstacles to student learning. Sterling, VA: Stylus.

Hoeft, M. E. (2012). Why university students don't read: What professors can do to increase compliance. *International Journal for the Scholarship of Teaching and Learning*, 6(2). Retrieved from http://academics.georgiasouthern.edu/ijsotl/v6n2.html

Hoffman, E., Trott, J., & Neely, K. P. (2002). Concept mapping: A tool to bridge the disciplinary divide. *American Journal of Obstetrics and Gynecology*, 187(3), 41–43.

Holstead, C. E. (2015, March 4). The benefit of no-tech note-taking. *Chronicle of Higher Education*. Retrieved from http://chronicle.com/article/The-Benefits-of-No-Tech-Note/228089/

Hostetter, C., & Savion, L. (2013). Metacognitive skills—why bother (and how)? *National Teaching and Learning Forum*, 23(1), 4–7.

Hottell, D. L., Martinez-Aleman, A., & Rowan-Kenyon, H. T. (2014). Summer bridge program 2.0: Using social media to develop students' campus capital. *Change*, 46(5), 34–38.

Howard, D.R., & Miskowski, J.A. (2005). Using a module-based laboratory to incorporate inquiry into a large cell biology course. *Cell Biology Education*, 4, 249–260.

Howard, J. R. (2015). Discussion in the college classroom: Getting your students engaged and participating in person and online. San Francisco, CA: Jossey-Bass.

Howard, K. (2013–2014). Community-based learning at Centre College: Faculty handbook. Centre College Center for Teaching and Learning. Retrieved from http://ctl.centre.edu/assests/cblhandbook.pdf

Howard, M. G., Collins, H. L., & DiCarlo, S. E. (2002). "Survivor" torches "Who Wants to Be a Physician?" in the educational games ratings war. *Advances in Physiology Education*, 26, 30–36.

Howard-Rose, D., & Harrigan, K. (2003, August). *CLOE learning impact studies lite: Evaluating learning objects in nine Ontario university courses.* Paper presented at the MERLOT International Conference, Vancouver, BC, Canada.

Howe, N., & Strauss, W. (2000). Millennials rising: The next great generation. New York, NY: Vintage Books.

Hoyt, D. P., & Perera, S. (2000). Teaching approach, instructional objectives, and learning (IDEA Research Report No. 1). Manhattan, KS: IDEA Center.

Hu, S., Kuh, G., & Li, S. (2008). The effects of engagement in inquiry-oriented activities on student learning and personal development. *Innovative Higher Education*, 33(2), 71–81.

Huang, L.-S. (2014, September 29). Students riding on coattails during group work? Five simple ideas to try. Faculty Focus. Retrieved from http://www.facultyfocus.com/articles/effective-teaching-strategies/students-riding-coattails-group-work-five-simple-ideas-try/

Huang, S., Blacklock, P. J., & Capps, M. (2013, April 30). Reading habits of college students in the United States. Paper presented at the Annual Meeting of the American Educational Research Association, San Francisco.

Huang, Y-M., Trevisan, M., & Storfer, A. (2007). The impact of the "all-of-the-above" option and student ability on multiple choice tests. *International Journal for the Scholarship of Teaching and Learning, 1(2)*. Retrieved from Available at: http://digitalcommons.georgiasouthern.edu/ij-sotl/vol1/iss2/11

Hudspith, B., & Jenkins, H. (2001). Green guide: No. 3. Teaching the art of inquiry. Halifax, NS, Canada: Society for Teaching and Learning in Higher Education.

Hufford, T.L. (1991). Increasing academic performance in an introductory biology course. *BioScience*, 41, 107–108. Hung, W., Bailey, J. H., & Jonassen, D. H. (2003). Exploring the tensions of problem-based learning: Insights from research. In D. S. Knowlton & D. C. Sharp (Eds.), *New directions for teaching and learning: No. 95. Problem-based learning in the information age* (pp. 13–24). San Francisco, CA: Jossey-Bass.

Hunt, R. (2004). What is inkshedding? Retrieved from http://www.stthomasu.ca/~hunt/dialogic/whatshed.htm Hutchings, P. (1998). Defining features and significant functions of the course portfolio. In P. Hutchings (Ed.), The course portfolio: How faculty can examine their teaching to advance practice and student learning (pp. 13–18). Washington, DC: American Association for Higher Education.

Hutton, P.A. (2006). Understanding student cheating and what educators can do about it. *College Teaching*, 54(1), 171–176.

Hyerle, D. (1996). Visual tools for constructing knowledge. Alexandria, VA: Association for Supervision and Curriculum Development.

Inside Higher Ed. (2014). The 2014 Inside Higher Ed survey of faculty attitudes on technology. Retrieved from https://www.insidehighered.com/system/files/media/IHE-FacTechSurvey2014%20final.pdf

Intrinsic motivation doesn't exist, researcher says. (2005, May 17). PhysOrg.com. Retrieved from http://www.physorg.com/news4126.html

Ip, A., Morrison, I., & Currie, M. (2001). What is a learning object, technically? Retrieved from http://users.tpg.com.au/adslfrcf/lo/learningObject(WebNet2001).pdf
Jackson, A. P., Smith, S. A., & Hill, C. L. (2003). Academic persistence among Native American college students.

Journal of College Student Development, 44, 548–565.

Jacobs, L. C., & Chase, C. I. (1992). Developing and using tests effectively: A guide for faculty. San Francisco, CA: Jossey-Bass.

Jacobsen, M. (n.d.). Multiple choice item construction. Retrieved from http://people.ucalgary.ca/~dmjacobs/portage/

Jalajas, D. S., & Sutton, R. I. (1984). Feuds in student groups: Coping with whiners, martyrs, saboteurs, bullies, and deadbeats. *Journal of Management Education*, 9(4), 94–102.

Jassawalla, A. R., Malshe, A., & Sashittal, H. (2008). Student perceptions of social loafing in undergraduate business classroom teams. *Decision Sciences Journal of Innovative Education*, 6(2), 403–426.

Jensen, J. D. (2011). Promoting self-regulation and critical reflection through writing students' use of electronic portfolio. *International Journal of ePortfolio*, 1(1), 49–60. Johnson, C., & Ury, C. (1998). Detecting Internet plagiarism. *National Teaching and Learning Forum*, 7(4), 7–8.

Johnson, C., & Ury, C. (1999). Preventing Internet plagiarism. *National Teaching and Learning Forum*, 8(5), 5–6. Johnson, D. R. (2013). Technological change and profes-

sional control in the professoriate. Science Technology Human Values 38(1), 126–149. doi:10.1177/0162243911430236

Johnson, D. W., & Johnson, R. T. (1989). Cooperation and competition: Theory and research. Edina, MN: Interaction Books.

Johnson, D. W., Johnson, R. T., & Smith, K. A. (1991). Active learning: Cooperation in the college classroom. Edina, MN: Interaction Books.

Johnson, D.W., Johnson, R.T., & Smith, K.A. (2014). The power of cooperative learning or university classes: The interrelationships among theory, research, and practice. *Journal of Excellence in College Teaching*, 25(4). Available to subscribers at http://celt.muohio.edu/ject/archive.php

Johnson, R. T., & Johnson, D. W. (1994). An overview of cooperative learning. In J. Thousand, A. Villa, & A. Nevin (Eds.), *Creativity and collaborative learning* (pp. 31–44). Baltimore, MD: Brookes Press.

Johnson, V. E. (2003). Grade inflation: A crisis in college education. New York, NY: Springer-Verlag.

Johnston, K. M. (2003). "Why do I have to change the way I learn just to fit the way you teach?" Steps to creating a teaching philosophy statement. Workshop conducted in the Michigan State University Teaching Assistant Program, East Lansing.

Johnston, P. (2005, August 10). Dressing the part. Chronicle of Higher Education. Retrieved from http://chronicle.com/article/Dressing-the-Part/44918

Johnston, S., & Cooper, J. (1997). Quick-thinks: The interactive lecture. Cooperative Learning and College Teaching, 8(1), 2–6.

Johnstone, A. H., & Su, W.Y. (1994). Lectures—A learning experience? *Education in Chemistry*, 35, 76–79.

Jonas, H., Etzel, S., & Barzansky, B. (1989). Undergraduate medical education. *Journal of the American Medical Association*, 262(8), 1011–1019.

Jones, E. B. (2004). Culturally relevant strategies in the classroom. In A. M. Johns & M. K. Sipp (Eds.), *Diversity in the classroom: Practices for today's campuses* (pp. 51–72). Ann Arbor: University of Michigan Press.

Jones, J. B. (2010, November 29). Exam questions: Outsourcing vs. crowdsourcing. *Chronicle of Higher Education*. Retrieved from http://chronicle.com/blogs/profhacker/exam-questions-outsourcing-vs-crowd sourcing/28911

Jones, R. C. (2008). The "why" of class participation: A question worth asking. *College Teaching*, 56(1), 59–62.

Jones, S. K., Noyd, R. K., & Sagendorf, K. S. (2014). Building a pathway for student learning: A how-to guide to course design. Sterling, VA: Stylus.

Jones-Wilson, T. M. (2005). Teaching problem-solving skills without sacrificing course content: Marrying traditional lecture and active learning in an organic chemistry class. *Journal of College Science Teaching*, 35(1), 42–46.

Josephson Institute. (2012). Report card on the ethics of American youth. Retrieved from http://charactercounts.org/programs/reportcard/2012/index.html

Junco, R. (2012a). Too much face and not enough books: The relationship between multiple indices of Facebook use and academic performance. *Computers in Human Behavior*, 28, 187–198. Retrieved from http://www.sciencedirect.com/science/article/pii/S0747563211001932

Junco, R. (2012b). The relationship between frequency of Facebook use, participation in Facebook activities, and student engagement. *Computers and Education*, 58(1), 162–171. Retrieved from http://www.sciencedirect.com/science/article/pii/S0360131511001825

Junco, R. (2012c). In-class multitasking and academic performance. *Computers in Human Behavior*, 28, 2236–2243. Retrieved from http://www.sciencedirect.com/science/article/pii/S0747563212001926

Junco, R. (2015). Student class standing, Facebook use, and academic performance. *Journal of Applied Developmental Psychology*, 36, 18–29. doi:10.1016/j.appdev.2014.11.001. Retrieved from http://blog.reyjunco.com/pdf/Junco ClassStandingFBJADP.pdf

Junco, R., & Cotton, S. R. (2012). No A 4 U: The relationship between multitasking and academic performance. *Computers and Education*, 59(2), 505–514. Retrieved from http://www.sciencedirect.com/science/article/pii/S036013151100340X

Junco, R., Heiberger, G., & Loken, E. (2010). The effective of Twitter on college student engagement and grades. *Journal of Computer Assisted Learning*, 27(2). Retrieved from http://onlinelibrary.wiley.com/doi/10.1111/j.1365–2729.2010.00387.x/pdf

Justice, C., Rice, J., Warry, W., Inglis, S., Miller, S., & Sammon, S. (2007). Inquiry in higher education: Reflections and directions in course design and teaching methods. *Innovative Higher Education*, 31(4), 201–214.

Kaleta, R., & Joosten, T. (2007, May 8). Student response systems: A University of Wisconsin study of clickers. *EDUCAUSE Center for Applied Research*, 10. Retrieved from http://net.educause.edu/ir/library/pdf/ERB0710.pdf

Kalman, C. S. (2007). Successful science and engineering teaching in colleges and universities. San Francisco, CA: Jossey-Bass/Anker.

Kalman, J., & Kalman, C. (1996). Writing to learn. American Journal of Physics, 64, 954-955.

Kalyuga, S. (2000). When using sound with a text or picture is not beneficial for learning. Australian Journal of Educational Technology, 16(2), 161–172.

Karpicke, J., & Blunt, J. (2011). Retrieval practice produces more learning than elaborative studying with concept mapping. *Science*, *331*(6018), 772–775. doi:10.1126/science.1199327

Katayama, A. D. (1997, November). Getting students involved in note taking: Why partial notes benefit learners more than complete notes. Paper presented at the Annual Meeting of the Mid-South Educational Research Association, Memphis, TN.

Kaufman, A. (1985). Implementing problem-based medical education. New York, NY: Springer.

Kaufman, A., Mennin, S., Waterman, R., Duban, S., Hansbarger, C., Silverblatt, H., Obenshain, S.S., Kantrowitz, M., Becker, T., & Samet J. (1989). The New Mexico experiment: Educational innovation and institutional change. *Academic Medicine*, 64, 285–294.

Kaupins, G. (2005). Using popular game and reality show formats to review for exams. *Teaching Professor*, 19(1), 5–6.

Kelly, A. E., & O'Donnell, A. (1994). Hypertext and study strategies of pre-service teachers: Issues in instructional hypertext design. *Journal of Educational Computing Research*, 10(4), 373–387.

Kennedy, A., & Navey-David, S. (2004). Inquiry-guided learning and the foreign language classroom. In V. S. Lee (Ed.), Teaching and learning through inquiry: A guidebook for institutions and instructors (pp. 71–79). Sterling, VA: Stylus.

Kennedy, F., & Nilson, L. B. (2008). Successful strategies for teams: Team member handbook. Retrieved from http://www.clemson.edu/OTEI/documents/TeamworkHandbook.pdf

Kerkvliet, J. (1994). Cheating by economics students: A comparison of survey results. *Journal of Economic Education*, 25(2), 121–133.

Kerkvliet, J., & Sigmund, C. L. (1999). Can we control cheating in the classroom? *Journal of Economic Education*, 30(4), 331–334.

Kiernan, V. (2005, November 25). Students desire balance of technology and human contact, survey suggests. *Chronicle of Higher Education*. Retrieved from http://chronicle.com/article/Students-Desire-a-Balance-o/11687/

Kiewra, K. A. (1985). Providing the instructor's notes: An effective addition to student notetaking. *Educational Psychologist*, 20, 33–39.

Kiewra, K. A. (2005). Learn how to study and SOAR to success. Upper Saddle Creek, NJ: Pearson Prentice Hall.

Kimmel, R. M. (2002). Undergraduate labs in applied polymer science. In *Proceedings of the 2002 American Society for Engineering Education Annual Conference and Exposition* (Session 1526). Washington DC: American Society for Engineering Education.

Kinchin, I. M. (2000). Concept mapping in biology. *Journal of Biological Education*, 34(2), 61–68.

Kinchin, I. M. (2001). If concept mapping is so helpful to learning biology, why aren't we all using it? *International Journal of Science Education*, 23(12), 1257–1269.

Kinchin, I. M. (2006). Developing PowerPoint handouts to support meaningful learning. *British Journal of Educational Technology*, 37, 33–39.

King, M., & Shell, R. (2002). Teaching and evaluating critical thinking with concept maps. *Nurse Educator*, 27(5), 214–216.

Kirschner, P.A., & Karpinski, A. C. (2010). Facebook and academic performance. *Computers in Human Behavior, 26,* 1237–1245. Retrieved from http://www.sciencedirect.com/science/article/pii/S0747563210000646#

Kirschner, P. A., Sweller, J., & Clark, R. E. (2006). Why minimal guidance during instruction does not work: An analysis of the failure of constructivist, discovery, problem-based, experiential, and inquiry-based teaching. *Educational Psychologist*, 41(2), 75–86.

Klahr, D., & Nigam, M. (2004). The equivalence of learning paths in early science instruction: Effects of direct instruction and discovery learning. *Psychological Science*, 15, 661–667.

Kleiner, C., & Lord, M. (1999, November 22). The cheating game. U.S. News and World Report, 55-66.

Kloss, R. J. (1994). A nudge is best: Helping students through the Perry schema of intellectual development. *College Teaching*, 42(4), 151–158.

Knight, J. K., & Wood, W. B. (2005). Teaching more by lecturing less. *Cell Biology Education*, 4, 298–310.

Knowles, M. S. (1975). Self-directed learning. A guide for learners and teachers, Englewood Cliffs, NJ: Prentice Hall.

Kobrak, P. (1992). Black student retention in predominantly white regional universities: The politics of faculty involvement. *Journal of Negro Education*, 61, 509–530.

Kodani, C. H., & Wood, M. (2007). The benefits of music and stretching in maintaining student attention. *Teaching Professor*, 21(6), 5.

Koh, A. (2015, January 28). Live-tweeting assignments: To use or not to use? *Chronicle of Higher Education*. Retrieved from http://chronicle.com/blogs/profhacker/live-tweeting-assignments-to-use-or-not-to-use/

Kohn, A. (1993). Punished by rewards. Boston, MA: Houghton Mifflin.

Kolb, D. A. (1984). Experiential learning: Experience as the source of learning and development. Englewood Cliffs, NJ: Prentice Hall.

Kolowich, S. (2014, December 17). Five things we know about college students in 2014. *Chronicle of Higher Education*. Retrieved from http://chronicle.com/blogs/wiredcampus/5-things-we-know-about-college-students-in-2014/55313

Kosslyn, S. M. (1994). Image and brain: The resolution of the imagery debate. Cambridge, MA: MIT Press.

Kozma, R. B., Russell, J., Jones, T., Marx, N., & Davis, J. (1996). The use of multiple linked representations to facilitate science understanding. In S. Vosniadou, E. DeCorte, R. Glaser, & H. Mandl (Eds.), *International perspectives on the design of technology-supported learning environments* (pp. 41–60). Mahwah, NJ: Erlbaum.

Kraft, K. (2008, November 20). Using situated metacognition to enhance student understanding of the nature of science. Session presented at the National Association of Geoscience Teachers (NAGT) Workshops: The Role of Metacognition in Teaching Geoscience, Carleton College, Northfield, MN. Retrieved from http://serc.carleton.edu/NAGTWorkshops/metacognition/kraft.html

Kramer, J., & Arnold, A. (2004). Music 200: "Understanding Music": An inquiry-guided approach to music appreciation. In V. S. Lee (Ed.), *Teaching and learning*

through inquiry: A guidebook for institutions and instructors (pp. 41–50). Sterling, VA: Stylus.

Krathwohl, D. R., Bloom, B. S., & Masia, B. B. (1999). Taxonomy of educational objectives: Book 2. Affective domain. Reading, MA: Addison-Wesley.

Kratzig, G. P., & Arbuthnott, K. D. (2006). Perceptual learning style and learning proficiency: A test of the hypothesis. *Journal of Educational Psychology*, 98, 238–246.

Kraushaar, J. M., & Novak, D. (2010). Examining the effects of student multitasking with laptops during the lecture. *Journal of Information Systems Education*, 21(2), 241–251. Retrieved from http://www.sjsu.edu/people/laura.jones/courses/psyc102sec03/s2/Kraushaar%20 &%20Novak%202010%20multitasking%20during%20 lecture.pdf

Kress, G., Jewitt, C., Ogborn, J., & Charalampos, T. (2006). Multimodal teaching and learning: The rhetorics of the science classroom. London: Continuum.

Kristensen, E. (2007). Teaching at the University of Ottawa: A handbook for professors and TAs (5th ed.). Ottawa, ON, Canada: University of Ottawa, Centre for University Teaching.

Kruger, J., & Dunning, D. (1999). Unskilled and unaware of it: How difficulties in recognizing one's own incompetence lead to inflated self-assessments. *Journal of Personality and Social Psychology*, 77(6), 1121–1134. Retrieved from http://dx.doi.org/10.1037/0022–3514.77.6.1121

Kubitz, K.A. (2014). The evidence, please. In J. Sibley & P. Ostafichuk (Eds.), Getting started with team-based learning (pp. 45-61). Sterling, VA: Stylus.

Kuh, G. D. (2008). High-impact educational practices: What they are, who has access to them, and why they matter. Washington, DC: Association of American Colleges and Universities.

Kuh, G. D., Kinzie, J., Schuh, J., Whitt, E., & Associates. (2005). Student success in college: Creating conditions that matter. San Francisco, CA: Jossey-Bass.

Kuhn, T. S. (1970). The structure of scientific revolutions (2nd ed.). Chicago, IL: University of Chicago Press.

Kusinitz, S. (2014, July 14). Twelve reasons to integrate visual content into your marketing campaigns (infographic). HubSpot Inbound Marketing. Retrieved from http://blog.hubspot.com/marketing/visual-content-marketing-infographic

Kustra, E.D.H., & Potter, M. K. (2008). *Green guide: No. 9. Leading effective discussions.* Ontario, Canada: Society for Teaching and Learning in Higher Education.

Kutner, M., Greenberg, E., Jin, Y., Boyle, B., Hsu, T., & Dunleavy, E. (2007). Literacy in everyday life: Results from the 2003 National Assessment of Adult Literacy. Washington, DC: U.S. Department of Education, National Center for Education Statistics.

Kuznekoff, J. H., & Titsworth, S. (2013). The impact of mobile phone usage on student learning. *Communication Education*, 62(3), 233–252. Retrieved from http://www.tandfonline.com/doi/full/10.1080/03634523.2013.767

La Lopa, J. (2013). The difference between Bigfoot and learning styles: There may be better evidence to support the existence of Bigfoot. *Journal of Culinary Sciences and Technology*, 11(4), 356–376. doi:http://10.1080/15428052.2013.817861

Laird, R. (2004). Heuristic models/concept maps in neuroanatomy instruction. *Teacher*, 6(1&2), 17–25. Retrieved from http://apache.northgeorgia.edu/resource/otle/pubs/PDFnewsletters/Teacher_6–1and2.pdf

Lang, J. M. (2008). On course: A week-by-week guide to your first semester of college teaching. Cambridge, MA: Harvard University Press.

Lang, J. M. (2012, January 17). Metacognition and student learning. *Chronicle of Higher Education*. Retrieved from http://chronicle.com/article/MetacognitionStudent/130327/

Lang, J. M. (2013, October 13). How can I use Twitter to improve teaching and learning? Live broadcast of Magna Publications online seminar.

Lang, J. M. (2014). Cheating lessons: Learning from academic dishonesty. Cambridge, MA: Harvard University Press.

Langan, J. (2007). Reading and student skills (8th ed.). New York, NY: McGraw-Hill.

Larkin, J. H., & Simon, H. A. (1987). Why a diagram is (sometimes) worth ten thousand words. *Cognitive Science*, 11, 65–99.

Lasry, N. (2008). Clickers or flashcards: Is there really a difference? *Physics Teacher*, 46, 242–244.

Laws, P. (1991). Calculus-based physics without lectures. *Physics Today*, 12, 24–31.

Leamnson, R. (1999). Thinking about teaching and learning: Developing habits of learning with first year college and university students. Sterling, VA: Stylus.

Leamnson, R. (2000). Learning as biological brain change. Change, 32(6), 34–40.

Learnison, R. (2002). Learning (your first job). Retrieved from http://www.udel.edu/CIS/106/iaydin/07F/misc/firstJob.pdf

Learning Sciences, University of Texas at Austin. (2015). Scenario-based approach. Retrieved from https://learningsciences.utexas.edu/content/scenario-based-approach

Leauby, B. A., & Brazina, P. (1998). Concept mapping: Potential uses in accounting education. *Journal of Accounting Education*, 16(1), 123–138.

Lee, V. S. (Ed.). (2004). Teaching and learning through inquiry: A guidebook for institutions and instructors. Sterling, VA: Stylus.

Lee, V.S. (2011). The power of inquiry as a way to learning. *Innovative Higher Education*, 36, 149–160. doi:10.1007/s10755-010-9166-4

Lee, V. S., Green, D. B., Odom, J., Schechter, E., & Slatta, R. W. (2004). What is inquiry-guided learning? In V. S. Lee (Ed.), *Teaching and learning through inquiry: A guide-book for institutions and instructors* (pp. 3–16). Sterling, VA: Stylus.

Leeming, F. C. (2002). The exam-a-day procedure improves performance in psychology classes. *Teaching of Psychology*, 29(3), 210–212.

Leichhardt, G. (1989). Development of an expert explanation: An analysis of a sequence of subtraction lessons. In L. Resnick (Ed.), *Knowing, learning, and instruction* (pp. 67–125). Mahwah, NJ: Erlbaum.

Lempert, D., Xavier, N., & DeSouza, B. (1995). Escape from the ivory tower: Student adventures in democratic experiential education. San Francisco, CA: Jossey-Bass.

Lepp, A., Barkley, J. E., & Karpinski, A. C. (2014). The relationship between cell phone use, academic performance, anxiety, and satisfaction with life in college students. Computers in Human Behavior, 31, 343–350. Retrieved

fromhttp://www.sciencedirect.com/science/article/pii/S0747563213003993#

Levin, B. (1997, March). The influence of context in case-based teaching: Personal dilemmas, moral issues or real change in teachers' thinking? Paper presented at the Annual Meeting of the American Educational Research Association, Chicago, IL.

Levin, J. (2001, December). Developing a learning environment where all students seek to excel. Faculty workshop conducted at Clemson University, Clemson, SC.

Levine, A., & Cureton, J. S. (1998). When hope and fear collide: A portrait of today's college student. San Francisco, CA: Jossey-Bass.

Levine, A., & Dean, D. R. (2012). Generation on a tight-rope: A portrait of today's college student. San Francisco, CA: Jossey-Bass.

Lewes, D., & Stiklus, B. (2007). Portrait of a student as a young wolf: Motivating undergraduates (3rd ed.). Pennsdale, PA: Folly Hill Press.

Lewis, R. J., & Wall, M. (1988). Exploring obstacles to uses of technology in higher education: A discussion paper. Washington, DC: Academy for Educational Development.

Lewis, S. E., & Lewis, J. E. (2005). Departing from lectures: An evaluation of a peer-led guided inquiry alternative. *Journal of Chemical Education*, 82(1),135–139.

Li, M., Frieze, I. H., Nokes-Malach, T. J., & Cheong, J. (2013). Do friends always help your studies? Mediating processes between social relations and academic motivation. *Social Psychology of Education 16*(I), 129–149. doi:10.1007/s11218-012-9203-5

Lieux, E. M. (1996). Comparison study of learning in lecture vs. problem-based format. *About Teaching*, 50(1), 18–19.

Light, R. J. (1990). The Harvard Assessment Seminar, first report: Explorations with students and faculty about teaching, learning, and student life. Cambridge, MA: Harvard Graduate School of Education.

Light, R. J. (1992). The Harvard Assessment Seminar, second report: Explorations with students and faculty about teaching, learning, and student life. Cambridge, MA: Harvard Graduate School of Education.

Lin, T-C. (2014, December 4). Using quizzes to improve students' learning. *Teaching Professor*. Retrieved from

http://www.magnapubs.com/newsletter/the-teaching-professor/108/Using-Quizzes-to-Improve-Students-Learning-13293-1.html

Lin, Y., McKeachie, W. J., & Kim, Y. C. (2001). College student intrinsic and/or extrinsic motivation and learning. *Learning and Individual Differences*, 13(3), 251–258.

Litzinger, T. A., Lee, S. H., Wise, J. C., & Felder, R. M. (2007). A psychometric study of the Index of Learning Styles. *Journal of Engineering Education*, 96(4), 309–319.

Locke, E. A., & Latham, G. P. (1990). A theory of goal setting and task performance. Upper Saddle River, NJ: Prentice Hall.

Lord, T. R. (1997). A comparison between traditional and constructivist teaching in college biology. *Innovative Higher Education*, 21(3), 197–216.

Lord, T. R. (1999). A comparison between traditional and constructivist teaching in environmental science. *Journal of Environmental Education*, 30(3), 22–28.

Lord, T., & Orkwiszewski, T. (2006). Didactic to inquiry-based instruction in a science laboratory. *American Biology Teacher*, 68(6), 342–345.

Loukopoulos, L. D., Dismukes, R. K., & Barshi, I. (2009). *The multitasking myth.* Burlington, VT: Ashgate.

Lovett, M. C. (2008, January). *Teaching metacognition*. Presented at the annual meeting of the Educause Learning Initiative. Retrieved from http://net.educause.edu/upload/presentations/ELI081/FS03/Metacognition-ELI.pdf

Lovett-Hooper, G., Komarraju, M., Western, R., & Dollinger, S. (2007). Is plagiarism a forerunner of other deviance? Imagined futures of academically dishonest students. *Ethics and Behavior*, 17(3), 323–336.

Lowery, J. W. (2001). The millennials come to campus. *About Campus*, 6(3), 6–12.

Luckie, D. B., Maleszewski, J. J., Loznak, S. D., & Krha, M. (2004). Infusion of collaborative inquiry throughout a biology curriculum increases student learning: A four-year study of "Teams and Streams." *Advances in Physiology Education*, 28(4), 199–209.

Lundberg, C. A., & Sheridan, D. (2015). Benefits of engagement with peers, faculty, and diversity for online learners. *College Teaching*, 68(1), 8–15.

Lundeberg, M. A., Levin, B., & Harrington, H. (1999). Who learns what from cases and how? The research base for teaching and learning with cases. Mahwah, NJ: Erlbaum.

Lundeberg, M. A., Mogen, K., Bergland, M., Klyczek, K., Johnson, D., & MacDonald, E. (2002). Fostering ethical awareness about human genetics through multimedia-based cases. *Journal of College Science Teaching*, 32(1), 64–69.

Lundeberg, M.A., & Yadav, A. (2006a). Assessment of case study teaching: Where do we go from here? Part I. *Journal of College Science Teaching*, 35(5), 10–13.

Lundeberg, M. A., & Yadav, A. (2006b). Assessment of case study teaching: Where do we go from here? Part II. *Journal of College Science Teaching*, 35(6), 8–13.

MacDonald, L. T. (2013). Letter to next semester's students. On Course Workshops. Retrieved from http://oncourseworkshop.com/staying-course/letter-next-semesters-students/

MacNell, L., Driscoll, A., & Hunt, A. N. (2014). What's in a name: Exposing gender bias in student evaluations of teaching. *Innovative Higher Education*. Retrieved from http://link.springer.com/article/10.1007%2Fs10755-014-9313-4

Major, C. H., & Palmer, B. (2001). Assessing the effectiveness of problem-based learning in higher education: Lessons from the literature. *Academic Exchange Quarterly*, 5(1), 4–9.

Mangen, A., Walgermo, B. R., & Brønnick, K. (2012). Reading linear texts on paper versus computer screen: Effects on reading comprehension. *International Journal of Education Research* 58,61-68.doi:10.1016/ijer2012.12.002

Mangurian, L. P. (2005, February). Learning and teaching practice: The power of the affective. Paper presented at the Annual Lilly Conference on College Teaching South, Greensboro, NC.

Mann, S., & Robinson, A. (2009). Boredom in the lecture theatre: An investigation into the contributors, moderators and outcomes of boredom amongst university students. *British Educational Research Journal*, 35(2), 243–258. doi:10.1080/01411920802042911

Marks, M., Fairris, D., & Beleche, T. (2010). Do course evaluations reflect student learning? Evidence from a pre-test/

post-test setting. Department of Economics, University of California, Riverside. Retrieved from http://faculty.ucr.edu/~mmarks/Papers/marks2010course.pdf

Marrs, K. A., & Novak, G. (2004). Just-in-time teaching in biology: Creating an active learner classroom using the Internet. *Cell Biology Education*, *3*, 49–61.

Marsh, H. W. (1984). Students' evaluations of university teaching: Dimensionality, reliability, validity, potential biases, and utility. *Journal of Educational Psychology*, 76, 707–754.

Marshall, K. (2015, January 5). How to curate your digital identity as an academic. *Chronicle of Higher Education Vitae*. Retrieved from http://chronicle.com/article/How-to-Curate-Your-Digital/151001/

Martin, G. I. (2000). Peer carding. College Teaching, 48(1), 15–16.

Martin, H. H., Hands, K. B., Lancaster, S. M., Trytten, D. A., & Murphy, T. J. (2008). Hard but not too hard: Challenging courses and engineering students. *College Teaching*, 56(2), 107–113.

Marzano, R. J. (2003). What works in schools: Translating research into action. Alexandria, VA: Association for Supervision and Curriculum Development.

Maslow, A. H. (1966). The psychology of science: A reconnaissance. New York, NY: Joanna Cotler Books.

Mastascusa, E. J., Snyder, W. J., & Hoyt, B. S. (2011). Effective instruction for STEM disciplines: From learning theory to college teaching. San Francisco, CA: Jossey-Bass.

Maurer, T., & Longfield, J. (2013, October 4). Improving reading compliance and quiz scores through the use of reading guides. Panel presentation at the Annual Meetings of the International Society for the Scholarship of Teaching and Learning, Elon, NC.

Mayer, R. E. (2004). Should there be a three-strikes rule against pure discovery learning? The case for guided methods of instruction. *American Psychologist*, 56, 14–19.

Mayer, R. E. (2005). Introduction to multimedia learning. In R. E. Mayer (Ed.), *The Cambridge handbook of multimedia learning* (pp. 1–15). Cambridge, UK: Cambridge University Press.

Mayer, R. E. (2009). *Multimedia learning* (2nd ed.). Cambridge, UK: Cambridge University Press.

Mayer, R. E., & Gallini, J. K. (1990). When is an illustration worth ten thousand words? *Journal of Educational Psychology*, 82(4), 715–726.

Mayer, R. E., & Moreno, R. (2003). Nine ways to reduce cognitive load in multimedia learning. *Educational Psychologist*, 38(1), 43–52. Retrieved from http://www.uky.edu/~gmswan3/544/9_ways_to_reduce_CL.pdf

Mayer, R. E., & Sims, V. K. (1994). For whom is a picture worth ten thousand words? Extensions of a dual coding theory of multimedia learning. *Journal of Educational Psychology*, 86(3), 389–401.

Mazur, E. (1997). Peer instruction: A user's manual. Upper Saddle River, NJ: Prentice Hall.

Mazur Group. (2008). *Publications: Peer instruction*. Retrieved from http://mazur-www.harvard.edu/publications.php?function=search&topic=8.

McCabe, D. L. (2005). Cheating among college and university students: A North American perspective. *International Journal for Educational Integrity, 1*(1). Retrieved from http://www.ojs.unisa.edu.au/index.php/IJEI/article/viewFile/14/9

McCabe, D. L., Butterfield, K. D., & Treviño, L. K. (2012). Cheating in college: Why students do it and what educators can do about it. Baltimore, MD: John Hopkins University Press.

McCabe, D. L., & Pavela, G. (2000). Some good news about academic integrity. *Change*, 32(5), 32–38.

McCabe, D. L., & Pavela, G. (2005, March 11). New honor codes for a new generation. *Inside Higher Ed.* Retrieved from https://www.insidehighered.com/views/2005/03/11/pavela1

McCabe, D. L., & Treviño, L. K. (1996). What we know about cheating in college: Longitudinal trends and recent developments. *Change*, 28(1), 28–33.

McCabe, D. L., & Treviño, L. K. (1997). Individual and contextual influences on academic dishonesty: A multi-campus investigation. *Research in Higher Education*, 38(3), 379–396.

McCabe, D. L., Treviño, L. K., & Butterfield, K. D. (1999). Academic integrity in honor code and non-honor code environments: A qualitative investigation. *Journal of Higher Education*, 70(2), 211–234.

McClain, A. (1987). Improving lectures: Challenging both sides of the brain. *Journal of Optometric Education*, 13, 18–20.

McCoy, B. (2013). Digital distractions in the class-room: Student classroom use of digital devices for non-class related purposes. *Journal of Media Education*, 4(4), 5–14. Retrieved from http://en.calameo.com/read/000091789af53ca4e647f

McCreary, C. L., Golde, M. F., & Koeske, R. (2006). Peer instruction in the general chemistry laboratory: Assessment of student learning. *Journal of Chemical Education*, 83(5), 804–810.

McDaniel, M. A., & Butler, A. C. (2010). A contextual framework for understanding when difficulties are desirable. In A. S. Benjamin (Ed.), Successful remembering and successful forgetting: Essays in Honor of Robert A. Bjork (pp. 175–199). New York, NY: Psychology Press.

McDaniel, M.A., Howard, D.C., & Einstein, G.O. (2009). The read-recite-review study strategy: Effective and portable. *Psychological Science*, 20(4), 516–522.

McDermott, L. C., & Shaffer, P. S. (2002). Tutorials in introductory physics. Upper Saddle River, NJ: Prentice Hall.

McDermott, L. C., & Shaffer, P. S. (2011–2012). Tutorials in introductory physics (2nd ed.). New York, NY: Pearson. McDermott, L. C., Shaffer, P. S., & Physics Education Group, University of Washington. (2012). Tutorials in introductory physics homework. New York, NY: Pearson.

McGaghie, W. C., McCrimmon, D. R., Mitchell, G., Thompson, J. A., & Ravitch, M. M. (2000). Quantitative concept mapping in pulmonary physiology: Comparison of student and faculty knowledge structures. *Advances in Physiology Education*, 23(1), 72–80.

McGuire, S. Y., with McGuire, S. (2015). Teach students how to learn: Strategies you can incorporate in any course to improve student metacognition, study skills, and motivation. Sterling, VA: Stylus.

McIntosh,M.(2010).Professors—Assign numbers to your students and return assignments quickly and easily. *Ezine Articles*. Retrieved from http://ezinearticles.com/?Professors—-Assign-Numbers-to-Your-Students-and-Return-Assignments-Quickly-and-Easily&id=3799370

McKeachie, W. J. (1994). Teaching tips: Strategies, research, and theory for college and university teachers (9th ed.). Lexington, MA: D. C. Heath.

McKeachie, W. J. (2002). Teaching tips: Strategies, research, and theory for college and university teachers (11th ed.). Boston, MA: Houghton Mifflin.

McKeachie, W. B., Pintrich, P. R., Lin, Y-G., Smith, D. A., & Sharma, R. (1990). Teaching and learning in the college classroom: A review of the literature (2nd ed.). Ann Arbor, MI: National Center for Research to Improve Postsecondary Teaching and Learning, University of Michigan.

McKinney, K. (2001). Responses from the POD Network discussion list on encouraging students to prepare for class. Retrieved from http://www.cat.ilstu.edu/teaching_tips/handouts/pod.shtml

Mealy, D. L., & Host, T. R. (1993). Coping with test anxiety. College Teaching, 40(4), 147–150.

Mealy, D. L., & Nist, S. L. (1989). Postsecondary teacher directed comprehension strategies. *Journal of Reading*, 32(6), 484–493.

Medina, J. (2008). Brain rules. Seattle, WA: Pear Press.

Menges, R. J. (1988). Research on teaching and learning: The relevant and the redundant. *Review of Higher Education*, 11, 259–268.

Mento, A. J., Martinelli, P., & Jones, R. M. (1999). Mind mapping in executive education: Applications and outcomes. *Journal of Management Development*, 18(4), 390–407.

Metiri Group. (2008). Multimodal learning through media: What the research says. Cisco Systems. Retrieved from http://www.cisco.com/web/strategy/docs/education/Multimodal-Learning-Through-Media.pdf

Meyers, S., & Smith, B. C. (2011). The first day of class: How should instructors use class time? In J. E. Miller and J. E. Groccia (Eds.), To improve the academy: Vol. 29. Resources for faculty, instructional, and organizational development (pp. 147–159). San Francisco, CA: Jossey-Bass

Meyers, S. A. (2003). Strategies to prevent and reduce conflict in college classrooms. *College Teaching*, 51(3), 94–98.

Meyers, S. A. (2009). Do your students care whether you care about them? *College Teaching*, 57(4), 205–210.

Meyers, S.A., Bender, J., Hill, E.K., & Thomas, S.Y. (2006). How do faculty experience and respond to classroom conflict? *International Journal of Teaching and Learning in Higher Education*, 18(3), 180–187.

Mezeske, B. (2009). *The Graduate* revisited: Not "plastics" but "metacognition." *Teaching Professor*, 23(9), 1.

Michaelsen, L. K. (1997–1998). Keys to using learning groups effectively. Essays on Teaching Excellence, 9(5), 1–2.

Michaelsen, L. K., Knight, A. B., & Fink, L. D. (Eds.). (2004). Team-based learning: A transformative use of small groups in college teaching. Sterling, VA: Stylus.

Middendorf, J., & Kalish, A. (1996). The "change-up" in lectures. National Teaching and Learning Forum, 5(2), 1-4.

Mierson, S. (1998). A problem-based learning course in physiology for undergraduate and graduate basic science students. *Advances in Physiological Education*, 20(1), S16–S27.

Mierson, S., & Parikh, A.A. (2000). Stories from the field: Problem-based learning from a teacher's and a student's perspective. *Change*, 32(1), 20–27.

Miller, J. M., & Chamberlin, M. (2000). Women are teachers, men are professors: A study of student perceptions. *Teaching Sociology*, 28, 283–298.

Miller, T. M., & Geraci, L. (2011). Unskilled but aware: Reinterpreting overconfidence in low performing students. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 37, 502-506.

Milliron, V., & Sandoe, K. (2008). The Net generation cheating challenge. *Innovate: Journal of Online Education*, 4(6). Retrieved from http://www.innovateonline.info/index.php?view=article&id=499&action=article

Millis, B. J. (1990). Helping faculty build learning communities through cooperative groups. In L. Hilsen (Ed.), To improve the academy: Vol. 9. Resources for faculty, instructional, and organizational development (pp. 43–58). Stillwater, OK: New Forums Press.

Millis, B. J. (1992). Conducting effective peer classroom observations. In D. Wulff & J. Nyquist (Eds.), To improve the academy: Vol. 11. Resources for faculty, instructional, and

organizational development (pp. 189–206). Stillwater, OK: New Forums Press.

Millis, B. J. (2004). A versatile interactive focus group protocol for qualitative assessments. In C. M. Wehlburg (Ed.), To improve the academy: Vol. 22: Resources for faculty, instructional, and organizational development (pp. 125–141). Bolton, MA: Anker.

Millis, B. J. (2005). Question shuffle. Retrieved from http://teaching.unr.edu/etp/teaching_tips/indexttips. html

Millis, B. J., & Cottell, P. G., Jr. (1998). Cooperative learning for higher education faculty. Phoenix, AZ: American Council on Education and Oryx Press.

Mills, J. E., & Treagust, D. F. (2003). Engineering education: Is problem-based or project-based learning the answer? *Australasian Journal of Engineering Education*. Retrieved from http://www.aaee.com.au/journal/2003/mills_treagust03.pdf

Montgomery, K. (2002). Authentic tasks and rubrics: Going beyond traditional assessments in college teaching. *College Teaching*, 50(1), 34–39.

Moore, A., Masterson, J.T., Christophel, D.M., & Shea, K. A. (1996). College teacher immediacy and student ratings of instruction. *Communication Education*, 45(1), 29–39.

Moore, A. H. (2003–2004). Great expectations and challenges for learning objects. Essays on Teaching Excellence, 1(4), 1–2.

Moore, E. (2013, January 7). Adapting PowerPoint lectures for online delivery: Best practices. Faculty Focus. Retrieved from http://www.facultyfocus.com/articles/online-education/adapting-powerpoint-lectures-for-online-delivery-best-practices/

Moore, S. (speaker). (2009). Scott Moore: Using technology and collaboration to engage students (Video). Center for Research on Learning and Teaching, University of Michigan. Retrieved from http://www.crlt.umich.edu/faculty/Thurnau/ThurnauVideos.php

Moore, V. A. (1996). Inappropriate challenges to professional authority. *Teaching Sociology*, 24, 202–206.

Moran, M., Seaman, J., & Tinti-Kane, H. (2011, April). Teaching, learning, and sharing: How today's higher education faculty use social media. Pearson Learning Solutions, Babson

Survey Research Group, and Converseon. Retrieved from http://www.pearsonlearningsolutions.com/educators/pearson-social-media-survey-2011-bw.pdf

Moreno, R. (2004). Decreasing cognitive load in novice students: Effects of explanatory versus corrective feedback in discovery-based multimedia. *Instructional Science*, 32, 99–113.

Moreno, R., & Mayer, R. E. (1999). Cognitive principles of multimedia learning: The role of modality and contiguity. *Journal of Educational Psychology*, 91(2), 358–368.

Mowl, G., & Pain, R. (1995). Using self and peer assessment to improve students' essay writing: A case study from geography. *Innovations in Education and Training International*, 32(4), 324–335.

Moy, J. R., Rodenbaugh, D.W., Collins, H. L., & DiCarlo, S. E. (2000). Who wants to be a physician? An educational tool for reviewing pulmonary physiology. *Advances in Physiology Education*, 24(1), 30–37.

Mpofu, E. (2007). Service-learning effects on the academic learning of rehabilitation services students. *Michigan Journal of Community Service Learning*, 14(1), 46–52.

Mueller, P. A., & Oppenheimer, D. M. (2014). The pen is mightier than the keyboard: Advantages of longhand over laptop note taking. *Psychological Science*, 25(6), 1159–1168. doi:10.1177/0956797614524581.

Murrell, K. L. (1984). Peer performance evaluation: When peers do it, they do it better. *Journal of Management Education*, 9(4), 83–85.

Myers, C.B., & Myers, S.M. (2007). Assessing assessments: The effects of two exam formats on course achievement and evaluation. *Innovative Higher Education*, 31, 227–236. Nadelson, S. (2007). Academic misconduct by university students: Faculty perceptions and responses. *Plagiary*, 2(2), 1–10.

Nadolski, R. J., Kirschner, P.A., & van Merriënboer, J.J.G. (2005). Optimizing the number of steps in learning tasks for complex skills. *British Journal of Educational Psychology*, 84, 429–434.

Najafi, F., Giovannucci, A., Wang, S. S.-H., & Medina, J. F. (2014). Coding of stimulus strength via analog calcium signals in Purkinje cell dendrites of awake mice. *eLife*. doi:http://dx.doi.org/10.7554/eLife.03663.

Nathan, R. (2005). My freshman year: What a professor learned by becoming a student. Ithaca, NY: Cornell University Press.

National Endowment for the Arts. (2007, November). To read or not to read: A question of national consequence (Research Report 47). Washington, DC: Author. Retrieved from http://www.nea.gov/research/ToRead.pdf

National Survey of Student Engagement. (2007). Experiences that matter: Enhancing student learning and success. Bloomington: Indiana University, Center for Postsecondary Research and Planning.

Nelson, C. E. (2000). How can students who are reasonably bright and who are trying hard to do the work still flunk? *National Teaching and Learning Forum*, 9(5), 7–8.

Nemire, R. E. (2007). Intellectual property development and use for distance education courses: A review of law, organizations, and resources for faculty. *College Teaching*, 55(1), 26–30.

Nettles, M. (1988). Towards black undergraduate student equality in American higher education. Westport, CT: Greenwood Press.

Nettleship, J. (1992). Active learning in economics: Mind maps and wall charts. *Economics*, 28, 69–71.

Nielsen, L. (2008, May 12). The value of using cell phones to enhance education and some concrete ways to do so [Web log post]. Retrieved from http://theinno-vativeeducator.blogspot.com/2008/05/value-of-using-cell-phones-to-enhance.html

Nilson, L. B. (1992). Publishing research on teaching. In A. Allison & T. Frongia (Eds.), *The grad student's guide to getting published* (pp. 123–130). Upper Saddle River, NJ: Prentice Hall.

Nilson, L. B. (1997). Critical thinking as an exercise in courage. *National Teaching and Learning Forum*, 6(2), 1–4.

Nilson, L. B. (2002). The graphic syllabus: Shedding visual light on course organization. In D. Lieberman & C. Wehlburg (Eds.), To improve the academy: Vol. 20. Resources for faculty, instructional, and organizational development (pp. 238–259). Bolton, MA: Anker.

Nilson, L. B. (2002–2003). Helping students help each other: Making peer feedback more valuable. *Essays in Teaching Excellence*, 14(8), 1–2.

Nilson, L. B. (2003). Improving student peer feedback. College Teaching, 51(1), 34–38.

Nilson, L. B. (2007a). The graphic syllabus and the outcomes map: Communicating your course. San Francisco, CA: Jossey-Bass.

Nilson, L. B. (2007b). Best practices: Students will do the readings; Issues to consider: Holding students accountable: The options are endless, the results unexpectedly positive. *Thriving in Academe*, 25(3), 7.

Nilson, L. B. (2012). Time to raise questions about student ratings. In J. E. Groccia & L. Cruz (Eds.), To improve the academy: Vol. 31. Resources for faculty, instructional, and organizational development (pp. 213–227). San Francisco, CA: Jossey-Bass.

Nilson, L. B. (2013a). Creating self-regulated learners: Strategies for strengthening students' self-awareness and learning skills. Sterling, VA: Stylus.

Nilson, L. B. (2013b). Measuring student learning to document faculty teaching effectiveness. In J. E. Groccia & L. Cruz (Eds.), To improve the academy: Vol. 32. Resources for faculty, instructional, and organizational development (pp. 287–300). San Francisco, CA: Jossey-Bass.

Nilson, L. B. (2015). Specifications grading: Restoring rigor, motivating students, and saving faculty time. Sterling, VA: Stylus.

Nilson, L. B., & Jackson, N. S. (2004). Combating classroom misconduct (incivility) with bills of rights. Proceedings of the Fourth Conference of the International Consortium for Educational Development. Ottawa, ON, Canada.

Nilson, L.B., & Weaver, B.E. (Eds.). (2005). New directions for teaching and learning: No. 101. Enhancing learning with laptops in the classroom. San Francisco, CA: Jossey-Bass.

Nisbett, R. E. (1993). Rules for reasoning. Mahwah, NJ: Erlbaum.

Nixon-Cobb, E. (2005). Visualizing thinking: A strategy that improved thinking. *Teaching Professor*, 19(1), 3, 6.

Noppe, I., Achterberg, J., Duquaine, L., Huebbe, M., & Williams, C. (2007). PowerPoint presentation handouts and college student learning outcomes. *International Journal for the Scholarship of Teaching and Learning*, 1(1). Retrieved from http://academics.georgiasouthern.edu/ijsotl/v1n1/noppe/IJ_Noppe.pdf

North Carolina State University Physics Education R&D Lab (2015). About the SCALE-UP project. Retrieved from https://www.ncsu.edu/per/scaleup.html

Nosich, G. M. (2012). Learning to think things through: A guide to critical thinking across the curriculum (4th ed.). Upper Saddle River, NJ: Pearson/Prentice Hall.

Novak, G. M., Patterson, E. T., Gavrin, A. D., & Christian, W. (1999). *Just-in-time teaching: Blending active learning with Web technology.* Upper Saddle River, NJ: Prentice Hall.

Novak, J. D. (1977). An alternative to Piagetian psychology for sciences and mathematics education. *Science Education*, 61, 453–477.

Novak, J. D., & Gowin, B. D. (1984). *Learning how to learn*. Cambridge: Cambridge University Press.

Novak, J. M., Markey, V., & Allen, M. (2007). Evaluating cognitive outcomes of service-learning in higher education: A meta-analysis. *Communication Research Reports*, 24(2), 149–157.

Nuhfer, E.B. (2010). A fractal thinker looks at student ratings. Retrieved from http://sites.bio.indiana.edu/~bender/resources/Assessment/fractalevals10.pdf

Nuhfer, E., Harrington, R., Pasztor, S., & Whorf, S. (2014). Metadisciplinary awareness can illuminate the meaning, quality, and integrity of college degrees: Educating in fractal patterns XL. *National Teaching and Learning Forum*, 23(4), 9–11.

Nuhfer, E. B., & Knipp, D. (2003). The knowledge survey: A tool for all reasons. In C. Wehlburg & S. Chadwick-Blossey (Eds.), To improve the academy: Vol. 21. Resources for faculty, instructional, and organizational development (pp. 59–78). Bolton, MA: Anker.

Oakley, B., Brent, R., Felder, R. M., & Elhajj, I. (2004). Turning student groups into effective teams. *Journal of Student Centered Learning*, 2(1), 9–34. Retrieved from http://www4.ncsu.edu/unity/lockers/users/f/felder/public/Papers/Oakley-paper%28JSCL%29.pdf

Oblinger, D. (2003). Boomers, Gen-Xers, and millennials: Understanding the "new students." *EDUCAUSE Review*, 38(4), 36–40, 42, 44–45.

Odom, C. D. (2002, April). Advances in instructional physics laboratories at Clemson University. Colloquium presented at the College of Engineering and Sciences, Clemson University, Clemson, SC.

O'Donnell, A., & Dansereau, D. F. (1993). Learning from lecture: Effects of cooperative review. *Journal of Experimental Education*, 61(2), 116–125.

Okebukola, P.A.O. (1992). Can good concept mappers be good problem solvers in science? Research in Science and Technological Education, 10(2), 153–170.

Oliver-Hoyo, M., & Allen, D. (2005). Attitudinal effects of a student-centered active learning environment. *Journal of Chemical Education*, 82(6), 944–949.

Oliver-Hoyo, M., Allen, D., & Anderson, M. (2004). Inquiry-guided instruction. *Journal of College Science Teaching*, 33(6), 20–24.

Oliver-Hoyo, M., & Beichner, R. (2004). SCALE-UP: Bringing inquiry-guided methods to large enrollment courses. In V. S. Lee (Ed.), *Teaching and learning through inquiry: A guidebook for institutions and instructors* (pp. 51–69). Sterling, VA: Stylus.

Ophir, E., Nass, C., & Wagner, A. D. (2009). Cognitive control in media multitaskers. *Proceedings of the National Academy of Sciences of the United States of America*, 106, 15583–15587. Retrieved from http://www.pnas.org/content/early/2009/08/21/0903620106.full.pdf +html

Orlans, H. (1999). Scholarly fair use: Chaotic and shrinking. Change, 31(6), 53-60.

Orsmond, P., Merry, S., & Reiling, K. (1996). The importance of marking criteria in peer assessment. Assessment and Evaluation in Higher Education, 21(3), 239–249.

Ory, J. C., & Ryan, K. E. (1993). Survival skills for college: Vol. 4. Tips for improving testing and grading. Thousand Oaks, CA: Sage.

Paivio, A. (1971). Imagery and verbal processes. New York, NY: Holt.

Paivio, A. (1990). Mental representations: A dual coding approach. New York, NY: Oxford University Press.

Paivio, A., & Csapo, K. (1973). Picture superiority in free recall: Imagery and dual coding? *Cognitive Psychology*, 5, 176–206.

Paivio, A., Walsh, M., & Bons, T. (1994). Concreteness effects on memory: When and why? *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 20(5), 1196–1204.

Palmer, M. S., Bach, D. J., & Streifer, A. C. (2014). Measuring the promise: A learning-focused syllabus rubric. *To Improve the Academy*, 33(1), 14–36.

Parish, B. (2013, May 2). 'Appropriate' technology. *Inside Higher Education*. Retrieved from http://www.insidehighered.207elmp01.blackmesh.com/views/2013/05/02/technology-innovation-should-focus-letting-teachers-teach-essay

Parry, M. (2013, March 24). You're distracted. This professor can help. *Chronicle of Higher Education*. Retrieved from http://chronicle.com/article/Youre-Distracted-This/138079/

Pascarella, E. T., & Terenzini, P. T. (2005). How college affects students: A third decade of research. San Francisco, CA: Jossey-Bass.

Pashler, H., McDaniel, M., Rohrer, D., & Bjork, R. (2009). Learning styles: Concepts and evidence. *Psychological Science in the Public Interest*, 9(3), 105–119. Retrieved from http://www3.interscience.wiley.com/journal/123216067/abstract?CRETRY=1&SRETRY=0

Patterson, R.W. (2015). Can behavioral tools improve online student outcomes? Experimental evidence from a massive open online course. Cornell Higher Education Research Institute. Retrieved from http://www.human.cornell.edu/pam/academics/phd/upload/PattersonJMP11_18.pdf

Pauk, W. (2001). How to study in college. Boston, MA: Houghton Mifflin.

Paul, R., & Elder, L. (2013a). Critical thinking: Teaching students how to study and learn, Part III. Retrieved from http://www.criticalthinking.org/pages/how-to-study-and-learn-part-three/515.

Paul, R., & Elder, L. (2013b). The state of critical thinking today. Retrieved from http://www.criticalthinking.org/pages/the-state-of-critical-thinking-today/523

Paul, R., & Elder, L. (2013c). *Universal intellectual standards*. Retrieved from http://www.criticalthinking.org/pages/universal-intellectual-standards/527

Paul, R., & Elder, L. (2013d). *Valuable intellectual traits*. Retrieved from http://www.criticalthinking.org/pages/valuable-intellectual-traits/528)

Paul, R., Elder, L., & Bartell, T. (2013). Study of 38 public universities and 28 private universities to determine faculty

emphasis on critical thinking in instruction. Retrieved from http://www.criticalthinking.org/pages/study-of-38-public-universities-and-28-private-universities-to-determine-faculty-emphasis-on-critical-thinking-in-instruction/598

Paulsen, M. B., & Feldman, K. A. (1999). Student motivation and epistemological beliefs. In M. Theall (Ed.), New directions for teaching and learning: No. 78. Motivation from within: Encouraging faculty and students to excel (pp. 17–25). San Francisco, CA: Jossey-Bass.

Peirce, W. (2006). Strategies for teaching critical reading. Retrieved from http://academic.pg.cc.md.us/~wpeirce/MCCCTR/critread.html

Perry, W. G. (1968). Forms of intellectual and ethical development in the college years: A scheme. New York, NY: Holt.

Perry, W. G. (1985). Different worlds in the same class-room. Journal of the Harvard-Danforth Center: On Teaching and Learning, 1, 1–17.

Persellin, D. C., & Daniels, M. B. (2014). A concise guide to improving student learning: Six evidence-based principles and how to apply them. Sterling, VA: Stylus.

Plotnick, E. (1996). Trends in educational psychology. Syracuse, NY: ERIC Clearinghouse on Information and Technology. (ERIC Document Reproduction Service No. ED398861)

Plotnick, E. (2001). A graphical system for understanding the relationship between concepts. *Teacher Librarian*, 2(4), 42–44.

Posner, G. J., Strike, K. A., Hewson, P. W., & Gertzog, W. A. (1982). Accommodation of a scientific concept: Towards a theory of conceptual change. *Science Education*, 66(2), 211-227.

Potts, B. (1993). Improving the quality of student notes. Practical Assessment, Research, and Evaluation, 3(8). Retrieved from http://PAREonline.net/getvn.asp?v=3&n=8

Poythress, K. (2007, May 25). Cheating rampant on college campuses, survey reveals. CNS News Culture. Retrieved from http://www.cnsnews.com/public/content/article.aspx?RsrcID=7446

Prégent, R. (1994). Charting your course: How to prepare to teach more effectively. Madison, WI: Magna.

Preszler, R. W. (2009). Replacing lecture with peer-led workshops improves student learning. Life Science

Education, 8(3), 182–192. doi:10.1187/cbe.09–01–0002. Retrieved from http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2736022/

Prince, M. (2004). Does active learning work? A review of the research. *Journal of Engineering Education*, 93(3), 223–231.

Prince, M., & Felder, R. M. (2006). Inductive teaching and learning methods: Definitions, comparisons, and research bases. *Journal of Engineering Education*, 95(2), 123–138.

Prince, M., & Felder, R. M. (2007). The many faces of inductive teaching and learning. *Journal of College Science Teaching*, 36(5), 14–20.

Profile of undergraduate students, 2003–04. (2007, August 31). Chronicle of Higher Education Almanac Issue 2007–8, p. 17.

Pryor, I. H., Hurtado, S., Saenz, V. B., Santos, J. L., & Korn, W. S. (2007). *The American freshman: Forty year trends*. Los Angeles: Higher Education Research Institute, UCLA. Retrieved from http://www.heri.ucla.edu/PDFs/pubs/TFS/Trends/Monographs/The AmericanFreshman40YearTrends.pdf

Qualters, D. M. (2001). Do students want to be active? Journal of Scholarship of Teaching and Learning, 2(1), 51–60. Race, P., & Pickford, R. (2007). Making teaching work: "Teaching smarter" in post-compulsory education. London, UK: Sage.

Radosevich, D. J., Salomon, R., Radosevich, D. M., & Kahn, P. (2008). Using student response systems to increase motivation, learning, and knowledge retention. *Innovate*, 5(1). Retrieved from http://www.innovateonline.info/index.php?view=article&id=40&action=article

Raines, C. (2002). Connecting generations: The sourcebook for a new workplace. Menlo Park, CA: Crisp Publications.

Raymark, P., & Connor-Greene, P. (2002). The syllabus quiz. *Teaching of Psychology*, 29(4), 286–288.

Reay, N. W., Li, P., & Bao, L. (2008). Testing a new voting machine question methodology. *American Journal of Physics*, 76(2), 171–178.

Rebich, S., & Gauthier, C. (2005). Concept mapping to reveal prior knowledge and conceptual change in a mock summit course on global climate change. *Journal of Geoscience Education*, 53(4), 355–365.

Reddish, E. F. (2003). Teaching physics with the physics suite. Hoboken, NJ: Wiley.

Reddish, E. F., Saul, J. M., & Steinberg, R. N. (1997). On the effectiveness of active-engagement microcomputerbased laboratories. *American Journal of Physics*, 65, 45–54.

Reddish, E. F., Saul, J. M., & Steinberg, R. N. (1998). Students' expectations in introductory physics. *American Journal of Physics*, 66(3), 212–224.

Reddish, E. F., & Steinberg, R. N. (1999). Who will study physics, and why? *Physics Today*, 52, 24–30.

Redlawsk, D. P., Rice, T., & Associates. (2009). Civic service: Service-learning with state and local government partners. San Francisco, CA: Jossey-Bass.

Redmond, B. F., & Perrin, J. J. (2014). Goal setting theory. PSYCH 484: Work Attitudes and Job Motivation, Pennsylvania State University. Retrieved from https://wikispaces.psu.edu/display/PSYCH484/6.+Goal+Setting+Theory

Reed, D. (2013). Is the syllabus a contract? Retrieved from http://www.uri.edu/facsen/Curricular_Materials/Course_Proposals_2013-14/CAC_nov-25/Is_a_Syllabus_a_Contract.pdf

Regis, A., & Albertazzi, P. G. (1996). Concept maps in chemistry education. *Journal of Chemical Education*, 73(11), 1084–1088.

Rettinger, D., & Kramer, Y. (2009). Situational and personal causes of student cheating. *Research in Higher Education*, 50, 293–313. Retrieved from http://link.springer.com/article/10.1007/s11162–008–9116–5/fulltext.html

Rettinger, D. A., & Searcy, D. (2012). Student-led honor codes as a method for reducing university cheating. *Economic and Environmental Studies*, 12(3), 223–234. Retrieved from http://www.academia.edu/4265959/An_Honor_Code_Case_Study

Rhem, J. (2006). The high risks of improving teaching. National Teaching and Learning Forum, 15(6), 1–4.

Rhode Island Diploma System. (2005). Exhibition toolkit: Support student self-management and reflection. Retrieved from http://www.ride.ri.gov/highschoolreform/dslat/exhibit/exhact_1003.shtml#t

Rice, R. E., Sorcinelli, M. D., & Austin, A. E. (2000). Heeding new voices: Academic careers for a new generation. Washington, DC: American Association for Higher Education.

Reiner, C. M., Bothell, T. W., Sudweeks, R. R., & Wood. B. (2004). Preparing effective essay questions: A self-directed workbook for educators. Stillwater, OK: New Forums Press.

Riener, C., & Willingham, D. (2010). The myth of learning styles. Change, 42(5), 32–35.

Rigby, C. S., Deci, E. L., Patrick, B. C., & Ryan, R. M. (1992). Beyond the intrinsic-extrinsic dichotomy: Self-determination in motivation and learning. *Motivation and Emotion*, 16(3), 165–185.

Ripley, A. (2013). The smartest kids in the world and how they got that way. New York, NY: Simon & Schuster.

Roach, K. D. (1997). Effects of graduate teaching assistant attire on student learning, misbehaviors, and ratings of instruction. *Communication Quarterly*. Retrieved from http://zoology.wisc.edu/grad/attire.pdf

Robinson, B. D., & Schaible, R. (1993). Women and men teaching "Men, Women, and Work." *Teaching Sociology*, 21, 363–370.

Robinson, D. H., Katayama, A. D., DuBois, N. E., & Devaney, T. (1998). Interactive effects of graphic organizers and delayed review of concept application. *Journal of Experimental Education*, 67(1), 17–31.

Robinson, D. H., & Kiewra, K.A. (1995). Visual argument: Graphic organizers are superior to outlines in improving learning from text. *Journal of Educational Psychology*, 87(3), 455–467.

Robinson, D. H., & Molina, E. (2002). The relative involvement of visual and auditory working memory when studying adjunct displays. *Contemporary Educational Psychology*, 27(1), 118–131.

Robinson, D. H., & Schraw, G. (1994). Computational efficiency through visual argument: Do graphic organizers communicate relations in text too effectively? Contemporary Educational Psychology, 19, 399–414.

Robinson, D. H., & Skinner, C. H. (1996). Why graphic organizers facilitate search processes: Fewer words or computationally efficient indexing? *Contemporary Educational Psychology*, 21, 166–180.

Rodgers, M. L. (1995). How holistic scoring kept writing alive in chemistry. *College Teaching*, 43(1), 19–22.

Roediger, H. L. III, & Butler, A. C. (2010). The critical role of retrieval practice in long-term retention.

Trends in Cognitive Sciences, 15(1), 20–27. doi:10.1016/j. tics.2010.09.003

Roediger, H. L., III, & Karpicke, J. D. (2006). The power of testing memory: Basic research and implications of the educational practice. *Perspective on Psychological Science*, 1(3), 181–210.

Rohrer, D., & Pashler, H. (2010). Recent research on human learning challenges conventional instructional strategies. *Educational Researcher*, 39(5), 406–412. doi:10.3102/0013189X10374770

Rohrer, D., Taylor, K., & Sholar, B. (2010). Tests enhance the transfer of learning. *Journal of Experimental Psychology: Learning, Memory, and Cognition, 36*(1), 233–239. Retrieved from http://uweb.cas.usf.edu/~drohrer/pdfs/Rohrer_et_al_2010JEPLMC.pdf

Romance, N. R., & Vitale, M. R. (1999). Concept mapping as a tool for learning. *College Teaching*, 4(2), 74–79.

Romero, C. C. (2009). Cooperative learning instruction and science achievement for secondary and early postsecondary students: A systematic review Doctoral dissertation, Colorado State University. Rosen, L. D., Carrier, L. M., & Cheever, N. A. (2013). Facebook and texting made me do it: Media-induced task-switching while studying. Computers in Human Behavior, 29, 948–958. Retrieved from http://dx.doi.org/10.1016/j.chb.2012.12.001

Ross, R. H., & Headley, E. L. (2002). Training new college professors to teach more effectively: What role does the case method play? *Journal of Excellence in College Teaching*, 13(2/3). Retrieved from http://celt.muohio.edu/ject/issue.php?v=13&n=2+and+3

Rowe, M. B. (1980). Pausing principles and their effects on reasoning in science. In F. B. Brawer (Ed.), New directions for community colleges: No. 8. Teaching the science (pp. 27–34). San Francisco, CA: Jossey-Bass.

Royce, A. P. (2000). A survey of academic incivility at Indiana University: Preliminary report. Bloomington: Indiana University, Center for Survey Research.

Royer, J., Cisero, C., & Carlo, M.S. (1993). Techniques and procedures for assessing cognitive skills. *Review of Educational Research* 63(2), 201-243.

Ruhl, K. L., Hughes, C. A., & Schloss, P. J. (1987). Using the pause procedure to enhance lecture recall. *Teacher Education and Special Education*, 10, 14–18.

Ruohoniemi, M., & Lindblom-Ylanne, S. (2009). Students' experiences concerning course workload and factors enhancing and impeding their learning: A useful resource for quality enhancement in teaching and curriculum planning. *International Journal for Academic Development*, 14(1), 69–81.

Ruscio, J. (2001). Administering quizzes at random to increase student reading. *Teaching of Psychology*, 28(3), 204–206.

Ryan, R. M., & Deci, E. L. (2000). Intrinsic and extrinsic motivations: Class definition and new directions. *Contemporary Education Psychology*, 25(1), 54–67.

Rybarczyk, B., Baines, A., McVey, M., Thompson, J., & Wilkins, H. (2007). A case-based approach increases student learning outcomes and comprehension of cellular respiration concepts. *Biochemistry and Molecular Biology Education*, 35, 181–186.

Sacks, D., Glazer, F., & Zhadko, O. (2014, November). Creating a fulcrum: Empowering faculty to leverage educational technologies. Session presented at the 39th Annual Conference of the Professional and Organizational Development Network in Higher Education, Dallas, TX. Sanchez, C.A., & Wiley, J. (2009). To scroll or not to scroll: Scrolling, working memory capacity, and comprehending complex texts. Human Factors, 51(5), 730–738. Retrieved from http://people.oregonstate.edu/~sancchri/pubs/scroll.pdf

Sass, E. J. (1989). Motivation in the college classroom: What students tell us. *Teaching of Psychology, 16*(2), 86–88. SCCtv, Boyer, M., & Harnish, J. (Coproducers/Writers/Directors). (2007). *Seminar: A skill everyone can learn*. Seattle, WA: University of North Seattle Community College.

Schau, C., & Mattern, N. (1997). Use of map techniques in teaching applied statistics courses. *American Statistician*, 51, 171–175.

Schell, J. (2012, September 4). How one professor motivated students to read before a flipped class, and measured their effort. Turn to Your Neighbor blog. Retrieved from http://blog.peerinstruction.net/2012/09/04/how-one-professor-motivated-students-to-read-before-a-flipped-class-and-measured-their-effort/

Schinske, J., & Tanner, K. (2014). Teaching more by grading less (or differently). *Cell Biology Education—Life Sciences Education*, 13, 159–166.

Schneider, A. (1999, January 22). Why professors don't do more to stop students who cheat. *Chronicle of Higher Education*, pp. A8–A10.

Schraw, G. (1998). Promoting general metacognitive awareness. *Instructional Science*, 26, 113–125. Retrieved from http://www.springerlink.com/content/w884l0214g78445h/

Schönwetter, D. J., Sokal, L., Friesen, M., & Taylor, L. L. (2002). Teaching philosophies reconsidered: A conceptual model for the development and evaluation of teaching philosophy statements. *International Journal for Academic Development*, 7(1), 83–97.

Schroeder, C. M., Scott, T. P., Tolson, H., Huang, T., & Lee, Y. (2007). A meta-analysis of national research: Effects of teaching strategies on student achievement in science in the United States. *Journal of Research in Science Teaching*, 44(10), 1436–1460.

Schuman, R. (2014, August 26). When—and why—did the college course syllabus get so insanely long? Syllabus Tyrannus. Slate. Retrieved from http://www.slate.com/articles/life/education/2014/08/college_course_syllabi_they_re_too_long_and_they_re_a_symbol_of_the_decline.html

Schuster, P. M. (2000). Concept mapping: Reducing clinical care plan paperwork and increasing learning. *Nurse Educator*, 25(2), 76–81.

Seesholtz, M., & Polk, B. (2009, October 10). Two professors, one valuable lesson: How to respectfully disagree. *Chronicle of Higher Education*. Retrieved from http://chronicle.com/article/Two-Professors-One-Valuable/48901/

Seldin, P., Miller, J. E., & Seldin, C. A. (2010). The teaching portfolio: A practical guide to improved performance and promotion/tenure decisions. San Francisco, CA: Jossey-Bass. Semetko, H. A., & Scammell, M. (2012). The Sage handbook of political communication. Thousand Oaks, CA: Sage.

Seymour, E., & Hewitt, N. M. (1997). Talking about leaving: Why undergraduates leave the sciences. Boulder, CO: Westview Press.

Shaffer, L. (n.d.). *Texts and teaching*. Retrieved from http://faculty.plattsburgh.edu/lary.shaffer/texts%20 and%20teaching.html

Shank, J. D. (2014). Interactive open educational resources: A guide to finding, choosing, and using what's out there to transform college teaching. San Francisco, CA: Jossey-Bass.

Sharkey, L., Overmann, J., & Flash, P. (2007). Evolution of a course in veterinary clinical pathology: The application of case-based writing assignments to focus on skill development and facilitation of learning. *Journal of Veterinary Medical Education*, 34(4), 423–430.

Shu, L. L., Gino, F., & Bazerman, M. H. (2011). Dishonest deed, clear conscience: When cheating leads to moral disengagement and motivated forgetting. *Personality and Social Psychology Bulletin*, 37(3), 330–349. doi: 10.1177/0146167211398138

Sibley, J. (2014, October 6). Seven mistakes to avoid when writing multiple-choice questions. Faculty Focus. Retrieved from http://www.facultyfocus.com/articles/educational-assessment/seven-mistakes-avoid-writing-multiple-choice-questions/

Sibley, J., & Ostafichuk, P. (Eds.), with Roberson, B., Franchini, B., & Kubitz, K. A. (2014). Getting started with team-based learning. Sterling, VA: Stylus.

Silberman, M. (1994). Active learning: 101 strategies to teach any subject. Needham Heights, MA: Allyn & Bacon.

Singham, M. (2007). Death to the syllabus. *Liberal Education*, 93(4). Retrieved from http://www.aacu.org/liberaleducation/le_fa07/le_fa07_myview.cfm

Singleton-Jackson, J. A., Jackson, D. L., & Reinhardt, J. (2010). Students as consumers of knowledge: Are they buying what we're selling? *Innovative Higher Education*, 35(4), 343–358.

Sirias, D. (2002). Using graphic organizers to improve the teaching of business statistics. *Journal of Education for Business*, 78, 33–37.

Slatta, R. W. (2004). Enhancing inquiry-guided learning with technology in history courses. In V. S. Lee (Ed.), Teaching and learning through inquiry: A guidebook for institutions and instructors (pp. 93–102). Sterling, VA: Stylus.

Slattery, J. M., & Carlson, J. F. (2005). Preparing an effective syllabus: Current best practices. *College Teaching*, 53(4), 159–164.

Slunt, K. M., & Giancarlo, L. C. (2004). Student-centered learning: A comparison of two different methods of instruction. *Journal of Chemical Education*, 81(7), 985–988.

Smit, D. (2010). Strategies to improve students writing (IDEA Paper No. 48). Manhattan, KS: IDEA Center. Retrieved from http://ideaedu.org/sites/default/files/IDEA_Paper_48.pdf Smith, D. J., & Valentine, T. (2012). The use and perceived effectiveness of instructional practices in two-year technical colleges. Journal of Excellence in College Teaching, 23(1), 133-161. Retrieved from https://getd.libs.uga.edu/pdfs/smith_daniel_j_201005_edd/smith_daniel_j_201005_edd.pdf

Smith, M. K., Jones, F. H., Gilbert, S. L., & Wieman, C. E. (2013). The classroom observation protocol for undergraduate STEM (CIPUS): A new instrument to characterize university STEM classroom practices. *Life Sciences Education*, 12, 618–627.

Sokoloff, D., & Thornton, R. (1997). Using interactive lecture demonstrations to create an active learning environment. *Physics Teaching*, 35, 340–347.

Sokoloff, D., & Thornton, R. (2001). *Interactive lecture demonstrations*. Hoboken, NJ: Wiley.

Specht, L. B., & Sandlin, P. K. (1991). The differential effects of experiential learning activities and traditional lecture classes in accounting. *Simulation and Gaming*, 22(2), 196–210.

Spence, L. D. (2001). The case against teaching. *Change*, 33(6), 11–19.

Springer, L., Stanne, M. E., & Donovan, S. S. (1999). Effects of small-group learning on undergraduates in science, mathematics, engineering, and technology: A meta-analysis. *Review of Educational Research*, 69(1), 21–51.

Sproule, R. (2002). The underdetermination of instructor performance by data from the student evaluation of teaching. *Economics of Education Review*, 21, 287–295.

Squire, K. (2011). Video games and learning: Teaching and participatory culture in the digital age. New York, NY: Teachers College Press.

Staats, S., Hupp, J. M., Wallace, H., & Gresley, J. (2009). Heroes don't cheat: An examination of academic dishonesty and students' views on why professors don't report cheating. *Ethics and Behavior*, 19(3), 171–183.

Stage, F. K., Kinzie, J., Muller, P., & Simmons, A. (1999). Creating learning centered classrooms: What does learning theory have to say? Washington, DC: ERIC Clearinghouse on Higher Education.

Stahl, R. J. (1994). Using "think time" and "wait time" skillfully in the classroom. (ERIC Document Reproduction Service No. ED370885)

Stahl, S. A. (1999, Fall). Different strokes for different folks? A critique of learning styles. *American Educator*. Retrieved from http://www.aft.org/pubs-reports/american_educator/fall99/DiffStrokes.pdf

Stanfel, L. E. (1995). Measuring the accuracy of student evaluations of teaching. *Journal of Instructional Psychology*, 22(2), 117–125.

Steiner, S., Holley, L. C., Gerdes, K., & Campbell, H. E. (2006). Evaluating teaching: Listening to students while acknowledging bias. *Journal of Social Work Education*, 42, 355–376.

Steinkuehler, C. Squire, K., & Barab, S. (Eds.). (2012). Games, learning, and society: Learning and meaning in the digital age. New York, NY: Cambridge University Press.

Stenmark, J. K. (1989). Assessment alternatives in mathematics: An overview of assessment techniques that promote learning. Berkeley, CA: EQUALS, Lawrence Hall of Science and California Mathematics Council.

Stenmark, J. K. (1991). Mathematics assessment: Myths, models, good questions, and practical suggestions. Reston, VA: National Council of Teachers of Mathematics.

Stephan, E. A., Bowman, D. R., Park, W. J., Sill, B. L., & Ohland, M. W. (2014). *Thinking like an engineer: An active learning approach* (3rd ed.). Upper Saddle Creek, NJ: Prentice-Hall.

Stevens, D. D., & Cooper, J. E. (2009). Journal keeping: How to use reflective writing for learning, teaching, professional insight and positive change. Sterling, VA: Stylus.

Stevens, D. D., & Levi A. J. (2012). Introduction to rubrics: An assessment tool to save grading time, convey effective feedback, and promote student learning (2nd ed.). Sterling, VA: Stylus.

Strauss, W., & Howe, N. (2003). Millennials go to college: Strategies for a new generation on campus. Washington, DC: American Association of Collegiate Registrars and Admissions Officers.

Strobel, J., & van Barneveld, A. (2009). When is PBL more effective? A meta-synthesis of meta-analyses comparing PBL to conventional classrooms. *Interdisciplinary Journal of Problem-Based Learning*, 3(1), 44–58.

Student Assessment of Learning Gains (SALG) survey instrument. (n.d.). Retrieved from http://www.salgsite.org Suarez, J., & Martin, A. (2001). Internet plagiarism: A teacher's combat guide. *Contemporary Issues in Technology and Teacher Education* [online serial], 1(4). Retrieved from http://www.citejournal.org/vol1/iss4/currentpractice/article2.htm

Sullivan, C. S., Middendorf, J., & Camp, M. E. (2008). Engrained study habits and the challenge of warm-ups in just-in-time teaching. *National Teaching and Learning Forum*, 17(4), 5–8.

Supiano, B. (2014, November 17). Think students in your class might be cheating? Here's what to do. *Chronicle of Higher Education*. Retrieved from http://chronicle.com/article/Think-Students-in-Your-Class/150091/

Suskie, L. (2009). Assessing student learning: A common sense guide (2nd ed.). San Francisco, CA: Jossey-Bass.

Svinicki, M. (2004). Learning and motivation in the postsecondary classroom. Bolton, MA: Anker.

Svinicki, M. (2014). In note-taking, quantity and quality both count (or more is better but better is also better). *National Teaching and Learning Forum*, 23(5), 11–12.

Sweet, M., & Michaelsen, L.K. (2012). Team-based learning in the social sciences and humanities: Group work that works to generate critical thinking and engagement. Sterling, VA: Stylus.

Tai-Seale, T. (2001). Liberating service-learning and applying new practice. *College Teaching*, 49(1), 14–18.

Talbert, R. (2015, March 15). Three critical conversations started and sustained by flipping learning. *Faculty Focus*. Retrieved from http://www.facultyfocus.com/articles/effective-teaching-strategies/three-critical-conversations-started-sustained-flipped-learning/

Tallahassee Community College Library. (2013). Cheating prevention in college classrooms. Retrieved from http://tcc.fl.libguides.com/content.php?pid=281116 &sid=2800329

Tanner, K. D. (2012). Promoting student metacognition. *Life Sciences Education*, 11, 113–120. Retrieved from http://www.lifescied.org/content/11/2/113.full

Tanner, M. J. (2014). Digital vs. print: Reading comprehension and the future of the book. SJSU School of Information Student Research Journal, 4(2). Retrieved from http://scholarworks.sjsu.edu/slissrj/vol4/iss2/6

Taricani, E. M., & Clariana, R. B. (2006). A technique for automatically scoring open-ended concept maps. *Educational Technology Research and Development*, *54*(1), 65–82.

Taylor, A. K., & Kowalski, P. (2014). Student misconceptions: Where do they come from and what can we do? In V. A. Benassi, C. E. Overton, & C. M. Hakala (Eds.), Applying science of learning in education: Infusing psychological science into the curriculum (pp. 259–273). Division 2, American Psychological Association, Society for the Teaching of Psychology. Retrieved from http://teach-psych.org/ebooks/asle2014/index.php

Taylor, M. L. (2006). Generation NeXt comes to college: 2006 updates and emerging issues. In S. E. Van Kollenburg (Ed.), A collection of papers on self-study and institutional improvement (Vol. 2, pp. 48–55). Chicago, IL: Higher Learning Commission.

Teaching Assistant Program, Michigan State University. (n.d.). MSU thoughts on teaching #10: What undergraduates say are the most irritating faculty behaviors. Retrieved from http://tap.msu.edu/PDF/thoughts/tt10.pdf

Theall, M., & Franklin, J. (1999). What have we learned? A synthesis and some guidelines for effective motivation in higher education. In M. Theall (Ed.), New directions for teaching and learning: No. 78. Motivation from within: Encouraging faculty and students to excel (pp. 97–109). San Francisco, CA: Jossey-Bass.

Thomas, J. W. (2000). A review of research on project-based learning. San Rafael, CA: Autodesk Foundation.

Thompson, B. (2002, June 21). If I quiz them, they will come. *Chronicle of Higher Education*, p. B5.

Thorn, P. M. (2003). Bridging the gap between what is praised and what is practiced: Supporting the work of change as anatomy and physiology instructors introduce active learning into their undergraduate classroom. Doctoral dissertation, University of Texas, Austin.

Thorne, B. M. (2000). Extra credit exercises: A painless pop quiz. *Teaching of Psychology*, 27(3), 204–205.

Tigner, R. B. (1999). Putting memory research to good use: Hints from cognitive psychology. *College Teaching*, 47(4), 149–152.

Tindell, D. R., & Bohlander, R. W. (2012). The use and abuse of cell phones and text messaging in the classroom:

A survey of college students. *College Teaching*, 60(1), 1–9. Retrieved from http://www.tandfonline.com/doi/full/10.1080/87567555.2011.604802

Tobias, S. (1990). They're not dumb, they're different: Stalking the second tier. Tucson, AZ: Research Corporation.

Thomason, A. (2014, September 3) Your 3 worst class-room distractions (and how to deal with them). Chronicle of Higher Education. Retrieved from http://chronicle.com/blogs/ticker/your-3-worst-classroom-distractions-and-how-to-deal-with-them/85255

Topping, K. (1998). Peer-assessment between students in colleges and universities. *Review of Educational Research*, 68, 249–276.

Toyama, K. (2015, May 19). Why technology will never fix education. *Chronicle of Higher Education*. Retrieved from http://chronicle.com/article/Why-Technology-Will-Never-Fix/230185/

Treisman, P. U. (1986). A study of the mathematics performance of black students at the University of California, Berkeley. Doctoral dissertation, University of California, Berkeley.

Tremblay, K. R., Jr., & Downey, E. P. (2004). Identifying and evaluating research-based publications: Enhancing undergraduate student critical thinking skills. *Education*, 124(4), 734–740.

Trujillo-Jenks, L., & Rosen, L. (2015, May 27). Fostering student learning through the use of debates. *Faculty Focus*. Retrieved from http://www.facultyfocus.com/articles/instructional-design/fostering-student-learning-through-the-use-of-debates/

Trumbore, A. (2014). Rules of engagement: Strategies to increase online engagement at scale. *Change*, 46(4), 38–45.

Tucker, P. (2006). Teaching the millennial generation. Futurist, 40, 1.

Tuckman, B. (1965). Developmental sequence in small groups. *Psychological Bulletin*, 63(6), 384–399.

Tulving, E. (1985). How many memory systems are there? American Psychologist, 40, 385–398.

Turner, C.S.V., & Myers, S. L., Jr. (2000). Faculty of color in academe: Bittersweet success. Needham Heights, MA: Allyn & Bacon.

Turnitin. (2014). Instructor feedback writ large: Student perceptions on effective feedback. White paper. Retrieved from http://www.turnitin.com/assets/en_us/media/201501-che.html

Tversky, B. (1995). Cognitive origins of conventions. In F. T. Marchese (Ed.), *Understanding images* (pp. 29–53). New York, NY: Springer-Verlag.

Tversky, B. (2001). Spatial schemas in depictions. In M. Gattis (Ed.), Spatial schemas and abstract thought (pp. 79–111). Cambridge, MA: MIT Press.

Tyner, K. (2010). Media literacy: New agendas in communication. New York, NY: Routledge.

Twenge, J. M. (2007). Generation me: Why today's young Americans are more confident, assertive, entitled and more miserable than ever before. New York, NY: Free Press.

Umbach, P. D., & Wawrzynski. M. R. (2005). Faculty do matter: The role of college faculty in student learning and engagement. Research in Higher Education, 46, 153–184.

University of Minnesota Libraries. (2015). Copyright information and resources. Retrieved from https://www.lib.umn.edu/copyright/

Urdan, T. (2003). Intrinsic motivation, extrinsic rewards, and divergent views of reality. Review of the book *Intrinsic* and extrinsic motivation: The search for optimal motivation and performance. Educational Psychology Review, 15(3), 311–325.

U.S. Department of Education, Institute for Education Sciences, National Center for Education Statistics (2013). Digest of Education Statistics. Washington, DC: Author. Retrieved from https://nces.ed.gov/programs/digest/d13/tables/dt13_306.10.asp

Vander Schee, B. A. (2009). Do students really know their academic strengths? *Teaching Professor*, 23(7). Retrieved from http://www.montana.edu/facultyexcellence/documents/dec1_academicstrengths.pdf

Vekiri, I. (2002). What is the value of graphical displays in learning? *Educational Psychology Review*, 14(3), 261–312.

Vella, J. (1994). Learning to listen, learning to teach: The power of dialogue in educating adults. San Francisco, CA: Jossey-Bass.

Vojtek, B., & Vojtek, R. (2000). Technology: Visual learning—This software helps organize ideas and concepts. *Journal of Staff Development*, 21(4). Retrieved

from http://www.nsdc.org/library/publications/jsd/vojtek214.cfm

Walker, V. L. (2009). 3D virtual learning in counselor education: Using Second Life in counselor skill development. *Journal of Virtual Worlds Research*, 2(1). Retrieved from http://journals.tdl.org/jvwr/article/view/423/463.

Wallace, J. D., & Mintzes, J. J. (1990). The concept map as a research tool: Exploring conceptual change in biology. *Journal of Research in Science Teaching*, 27(10), 1033–1052.

Waller, R. (1981, April). Understanding network diagrams. Paper presented at the Annual Meetings of the American Educational Research Association, Los Angeles. (ERIC Document Reproduction Service No. ED226695)

Wästlund, E., Reinikka, H., Norlander, T., & Archer, T. (2005). Effects of VDT and paper presentation on consumption and production of information: Psychological and physiological factors. *Computers in Human Behavior*, 21(2), 377–394. Retrieved from http://dx.doi.org/10.1016/j.chb.2004.02.007

Walvoord, B. E. (2014). Assessing and improving student writing in college: A guide for institutions, general education, departments, and classrooms. San Francisco, CA: Jossey-Bass. Walvoord, B. E., & Anderson, V. J. (2010). Effective grading:

A tool for learning and assessment (2nd ed.). San Francisco, CA: Jossey-Bass.

Wandersee, J. (2002a). Using concept circle diagramming as a knowledge mapping tool. In K. Fisher, J. Wandersee, & D. Moody (Eds.), *Mapping biology knowledge* (pp. 109–126). Dordrecht, NL: Springer Netherlands.

Wandersee, J. (2002b). Using concept mapping as a knowledge mapping tool. In K. Fisher, J. Wandersee, & D. Moody (Eds.), *Mapping biology knowledge* (pp. 127–142). Dordrecht, NL: Springer Netherlands.

Wasley, P. (2008, February 29). Antiplagiarism software takes on the honor code. *Chronicle of Higher Education*, p. A12.

Waterman, M. A., & Stanley, E. (2005). Case format variations. Retrieved from http://cstl-csm.semo.edu/waterman/cbl/caseformats.html

Waugh, C. K., & Gronlund, N. E. (2012). Assessment of student achievement (10th ed.). Upper Saddle River, NJ: Pearson.

Webb, N. G., & Barrett, L. O. (2014). Student views of instructor-student rapport in the college classroom. *Journal of the Scholarship of Teaching and Learning*, 14(2), 15–28.

Weimer, M. (2007). Helping students take stock of learning. *Teaching Professor*, 21(2), 4.

Weimer, M. (2013a). Learner-centered teaching: Five key changes to practice (2nd ed.). San Francisco, CA: Jossey-Bass. Weimer, M. (2013b, January 9). First day of class activities that create a climate for learning. Faculty Focus: The Teaching Professor Blog. Retrieved from http://www.facultyfocus.com/articles/teaching-professor-blog/first-day-of-class-activities-that-create-a-climate-for-learning/

Weinberg, B. A., Fleisher, B. M., & Hashimoto, M. (2007). Evaluating methods of evaluating instruction: The case of higher education (NBER Working Paper No. 12844). Retrieved from http://www.nber.org/papers/w12844

Weinberg, B. A., Hashimoto, M., & Fleisher, B. M. (2009). Evaluating teaching in higher education. *Journal of Economic Education*, 40(3), 227–261.

Wergin, J. F. (1988). Basic issues and principles in class-room assessment. In J. H. McMillan (Ed.), New directions for teaching and learning: No. 34. Assessing students' learning (pp. 5-17). San Francisco, CA: Jossey-Bass.

West, D. C., Pomeroy, J. R., & Park, J. K. (2000). Critical thinking in graduate medical education: A role for concept mapping assessment? *Journal of the American Medical Association*, 284(9), 1105–1110.

Whimbey, A., & Lochhead, J. (1999). Problem solving and comprehension. Mahwah, NJ: Erlbaum.

Whitton, N. (2014). Digital games and learning: Research and theory. London: Routledge.

Wieman, C. E. (2007). Why not try a scientific approach to science education? *Change*, 39(5), 9–15.

Wieman, C. E. (2014). Large-scale comparison of science teaching methods send clear message. *Proceedings of the National Academy of Sciences USA*, 111(23), 8319–8320. Retrieved from http://www.pnas.org/content/111/23/8319.full.pdf+html

Wieman, C. (2015). A better way to evaluate undergraduate teaching. *Change*, 47(1), 6–15.

Wieman, C., & Gilbert, S. L. (2014). The Teaching Practices Inventory: A new tool for characterizing college and university teaching in mathematics and science. *Life Sciences Education*, 13, 552–569.

Wieman, C. E., Perkins, K., & Gilbert, S. (2010). Transforming science education at large research universities: A case study in progress. *Change*, 42(2), 7–14.

Wiesman, D.W. (2006). The effects of performance feedback and social reinforcement on up-selling at fast-food restaurants. *Journal of Organizational Behavior Management*, 24(6), 1–18.

Wiesman, D. W. (2007, April). Achieving classroom civility through positive reinforcement: As easy as ABC. Paper presented at the International Conference on College Teaching and Learning, Jacksonville, FL.

Wigfield, A., & Eccles, J. (2000). Expectancy-value theory of achievement motivation. *Contemporary Educational Psychology*, 25, 68–81.

Wiggins, G., & McTighe, J. (2005). Understanding by design (2nd ed.). New York, NY: Pearson.

Wilcox, K. R. (2014, November 7). The problem with learning technology. *Chronicle of Higher Education* Vitae. Retrieved from https://chroniclevitae.com/news/792-the-problem-with-learning-technology?cid=VTEVPMSED1

Wilke, R. R. (2003). The effect of active learning on student characteristics in a human physiology course for non-majors. Advances in Physiology Education, 27(4), 207–223.

Wilke, R. R., & Straits, W.J. (2001). The effects of discovery learning in a lower-division biology course. *Advances in Physiology Education*, 25(2), 62–69.

Wilkes, L., Cooper, K., Lewin, J., & Batts, J. (1999). Promoting science learning in BN learners in Australia. *Journal of Continuing Education in Nursing*, 30(1), 37–44.

Williams, W. M., & Ceci, S. J. (1997). "How am I doing?" Problems with student ratings of instructors and courses. Change, 29(5), 13–23.

Willingham, D.T. (2004, Summer). Reframing the mind: Howard Gardner and the theory of multiple intelligences. *Education Next*, 4(3). Retrieved from http://educationnext.org/reframing-the-mind/

Willingham, D. T.(2005a, Summer). Dovisual, auditory, and kinesthetic learners need visual, auditory, and kinesthetic instruction? *American Educator.* Retrieved from http://www.readingrockets.org/article/do-visual-auditory-and-kinesthetic-learners-need-visual-auditory-and-kinesthetic-instruction

Willingham, D. T. (2005b, Summer). Ask the cognitive scientist: How has the modality theory been tested? American Educator. Retrieved from http://www.aft.org/periodical/american-educator/summer-2005/how-has-modality-theory-been-tested

Willingham, D. T. (2007, Summer). Critical thinking: Why is it so hard to teach? *American Educator*, 8–19. Retrieved from http://www.aft.org/pubs-reports/xissues/summer07/Crit_Thinking.pdf

Wilson, J. H., & Ryan, R. G. (2013). Professor-student rapport scale: Six items predict student outcomes. *Teaching of Psychology*, 40(2), 130–133.

Wilson, J. H., & Taylor, K. W. (2001). Professor immediacy as behaviors associated with liking students. *Teaching of Psychology*, 28, 136–138.

Wilson, K., & Korn, J. H. (2007). Attention during lectures: Beyond ten minutes. *Teaching of Psychology*, 34(2), 85–89.

Wilson, M. A. (2008). Syllabus for History of Life (Geology 100), Department of Geology, The College of Wooster. Retrieved from http://www.wooster.edu/geology/HOL.html

Winn, W. (1987). Charts, graphs, and diagrams in educational materials. In D. M. Willows & H. A. Houghton (Eds.), *The psychology of illustration* (Vol. 1, pp. 152–198). New York, NY: Springer-Verlag.

Winn, W. (1991). Learning from maps and diagrams. Educational Psychology Review, 3(3), 211–247.

Winne, P. H., & Nesbit, J. C. (2010). The psychology of academic achievement. *Annual Review Psychology*, 61, 653–678. Retrieved from https://www.annualreviews.org/doi/full/10.1146/annurev.psych.093008.100348

Wirth, K. R. (n.d.). Reading reflections. The Role of Metacognition in Teaching Geoscience: Topical Resources. Retrieved from http://serc.carleton.edu/NAGTWorkshops/metacognition/activities/27560. html

Wirth, K. R., & Perkins, D. (2005). Knowledge surveys: The ultimate course design and assessment tool for faculty and students. In *Proceedings of the Innovations in the Scholarship of Teaching and Learning Conference*, Northfield, MN, April 2. Retrieved from http://www.macalester.edu/geology/wirth/WirthPerkinsKS.pdf

Wirth, K. R., & Perkins, D. (2008a, November 20). Knowledge surveys. Session presented at the National Association of Geoscience Teachers (NAGT) Workshops: The Role of Metacognition in Teaching Geoscience, Carleton College, Northfield, MN. Retrieved from http://serc.carleton.edu/NAGTWorkshops/assess/knowledgesurvey/

Wirth, K. R., & Perkins, D. (2008b). Learning to Learn. Retrieved from http://www.macalester.edu/academics/geology/wirth/learning.pdf

Wittmann, M. (2001). Real-time physics dissemination project: Evaluation at test sites. Retrieved from http://perlnet.umephy.maine.edu/research/RTPevaluation1.pdf

Wlodkowski, R. J. (1993). Enhancing adult motivation to learn: A guide to improving instruction and increasing learner achievements. San Francisco, CA: Jossey-Bass.

Wolcott, S. K. (2006). Steps for better thinking; Steps for better thinking performance patterns; Templates for designing assignment questions. Retrieved from http://www.wolcottlynch.com/EducatorResources.html

Wood, W. B., & Gentile, J. M. (2003). Teaching in a research context. *Science*, 302(5650), 1510. doi:10.1126/science.1091803

Woods, D. R. (2001). Issues in implementation of an otherwise conventional program. In D. Boud & G. Feletti (Eds.), *The challenge of problem-based learning* (2nd ed., pp. 173–179). London: Kogan Page.

Wright, W. A., Herteis, E. M., & Abernehy, B. (2001). Learning through writing: A compendium of assignments and techniques. Halifax, NS, Canada: Dalhousie University, Office of Instructional Development.

Wueste, D. E. (2008, August). Ethics across the curriculum. Faculty seminar conducted at Clemson University, SC.

Wurdinger, S., & Qureshi, M. (2015). Enhancing college students' life skills through project-based learning. *Innovative Higher Education*, 40(2), 297–286. Retrieved

from http://link.springer.com/article/10.1007/s10755-014-9314-3

Wycoff, J. (1991). Mind mapping: Your personal guide to exploring creativity and problem solving. New York, NY: Berkley Books.

Yadav, A., Shaver, G. M., Meckl, P., & Firebaugh, S. (2014). Case-based instruction: Improving students' conceptual understanding through cases in a mechanical engineering course. *Journal of Research in Science Teaching*, 51, 659–677.

Yardley, J., Rodríguez, M. D., Bates, S. C., & Nelson, J. (2009). True confessions? Alumni's retrospective reports on undergraduate cheating behaviors. *Ethics and Behavior*, 19(1), 1–14. doi:10.1080/10508420802487096

Young, A. (2006). Teaching writing across the curriculum (4th ed.). Upper Saddle River, NJ: Pearson/Prentice Hall. Young, J. R. (2003, August 8). Sssshhh. We're taking notes here. Colleges look for new ways to discourage disruptive behavior in the classroom. Chronicle of Higher Education, p. A29.

Young, J. R. (2004, November 12). When good technology means bad teaching. *Chronicle of Higher Education*, p. A31.

Young, J. R. (2009, November 22). Teaching with Twitter: Not for the faint of heart. *Chronicle of Higher Education*. Retrieved from http://chronicle.com/article/Teaching-With-Twitter-Not-/49230/

Young, J. R. (2010, March 28). High-tech cheating abounds, and professors bear some blame. *Chronicle of Higher Education*. Retrieved from http://chronicle.com/article/High-Tech-Cheating-on-Homework/64857/

Young, J. R. (2012, February 17). A tech-happy professor reboots after hearing his teaching advice isn't working. *Chronicle of Higher Education*. Retrieved from http://chronicle.com/article/A-Tech-Happy-Professor-Reboots/130741/

Zander, R. S., & Zander, B. (2000). The art of possibility: Transforming professional and personal life. Cambridge, MA: Harvard University Business Press.

Zax, D. (2009, October). Learning in 14-character bites. ASEE Prism. Retrieved from http://bit.ly/7bbPG5

Zeilik, M., Schau, C., Mattern, N., Hall, S., Teague, K. W., & Bisard, W. (1997). Conceptual astronomy: A novel model for teaching postsecondary science courses. *American Journal of Physics*, 6(10), 987–996.

Zhang, H., Yan, H.-M., Kendrick, K., & Li, C. (2012). Both lexical and non-lexical characters are processed during saccadic eye movements. *PLoS ONE* 7(9). doi:10.1371/journal.pone.0046

Zimmerman, B. J., Moylan, A., Hudesman, J., White, N., & Flugman, B. (2011). Enhancing self-reflection and mathematics achievement of at-risk students at an urban technical college. *Psychological Test and Assessment Modeling*, 53(1), 141–160. Retrieved from http://p16277.typo3server.info/fileadmin/download/ptam/1–2011_20110328/07_Zimmermann.pdf

Zlotkowski, E. (Ed.). (1998). Successful service-learning programs: New models of excellence in higher education. San Francisco, CA: Jossey-Bass.

Zubizarreta, J. (2004). The learning portfolio: Reflective practice for improving student learning. Bolton, MA: Anker.

Zubizarreta, J. (2009). The learning portfolio: Reflective practice for improving student learning (2nd ed.). San Francisco, CA: Jossey-Bass.

Zull, J. E. (2002). The art of changing the brain: Enriching the practice of teaching by exploring the biology of learning. Sterling, VA: Stylus.

Zull, J. E. (2011). From brain to mind: Using neuroscience to guide change in education. Sterling, VA: Stylus.

Zywno, M. S. (2003). A contribution to validation of score meaning for Felder-Soloman's Index of Learning Styles. In *Proceedings of the 2003 American Society for Engineering Education Annual Conference and Exposition* (Session 2351). Washington, DC: American Society for Engineering Education.