

Bibliography of key resources: Linking teaching and research

Teaching and Learning Services, October 2011

McGill Websites

Nexus between Teaching, Learning & Research / Scholarship: www.mcgill.ca/tls/nexus

This Teaching and Learning Services webpage provides information about the “Nexus between Teaching, Learning and Research/Scholarship Project.” It includes the documentary series “Sowing the Seeds of Inquiry” which profiles five McGill instructors who engage undergraduates with research as part of coursework.

Teaching Snapshots: Perspectives on Teaching and Learning: www.mcgill.ca/teachingsnapshots

This website presents interviews with instructors on the subject of teaching and learning, including their answers to the question, “How do you help your students understand what research and/or scholarship is in your discipline?” (Developed by Teaching and Learning Services.)

Key Readings

R. Barnett (Ed.) (2005). *Reshaping the university: New relationships between research, scholarship and teaching*. Maidenhead, England: Open University Press/McGraw-Hill Education. Chapters by Elton and Healey are of particular interest.

Beckman, M. & Hensel, N. (2009). Making explicit the implicit: Defining undergraduate research. *Quarterly*, 29(4), 40-44. Washington, D.C.: Council on Undergraduate Research.

Boyer, E. (1990). *Scholarship reconsidered: Priorities for the professoriate*. Princeton, NJ: Carnegie Foundation for the Advancement of Teaching.

Boyer Commission on Educating Undergraduates in the Research University. (1998). *Reinventing undergraduate education: A blueprint for America's research universities*. Stanford, CA: Carnegie Foundation for the Advancement of Teaching.
<http://naples.cc.sunysb.edu/Pres/boyer.nsf/webform/contents>

Brew, A. (2003). Teaching and research: New relationships and their implications for inquiry-based teaching and learning in higher education. *Higher Education Research and Development*, 22, 3-17.

Elrod, S., Husic, D., & Kinzie, J. (2010). Research and discovery across the curriculum. *Peer Review*, 12(2) 4-8.

Healey, M. & Jenkins, A. (2009). *Developing undergraduate research and inquiry*.
http://www.heacademy.ac.uk/assets/York/documents/resources/publications/DevelopingUndergraduate_Final [pdf]

Jenkins, A. & Healey, M. (2005). *Institutional strategies to link teaching and research*. UK: The Higher Education Academy. Retrieved from
http://www.heacademy.ac.uk/resources/detail/resource_database/id585_institutional_strategies_to_link_teaching_and_research

- Justice, C., Rice, J. & Warry, W. (2009). "Academic skill development - Inquiry seminars can make a difference: Evidence from a quasi-experimental study" *International Journal of Scholarship of Teaching and Learning* 3(1): 1-23.
- 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.
- Laursen, S., Hunter, A., Seymour, E. Thiry, H. & Melton, G. (2010) *Undergraduate research in the sciences: Engaging students in real science*. San Francisco, CA: Jossey-Bass.
- Lee, V. (Ed.). (2004). *Teaching and learning through inquiry: A guidebook for institutions and instructors*. Sterling, VI: Stylus Publishing.
- Prince, M., Felder, R., & Brent, R. (2007). Does Faculty Research Improve Undergraduate Teaching? An Analysis of Existing and Potential Synergies. *Journal of Engineering Education*, 96(4), pp. 283-294.
- University of Gloucestershire, Centre for Active Learning (CeAL). (n.d.) *Active learning case studies*. <http://resources.glos.ac.uk/ceal/resources/casestudiesactivelearning/activelearningcasestudies/index.cfm>