A Beginning Bibliography on Interdisciplinarity*

Navigating the large literature on interdisciplinarity can be challenging, since it is scattered across disciplines, interdisciplinary fields, and professions. However, this bibliography provides a starting point. Groups may use resources in common for general discussion and for workshops and training modules. Both groups and individuals may use them to inform specific projects and research and education programs. And, they provide authoritative definitions for presentations, publications, and grant applications.

Additional bibliographies appear at separate sublinks: “Resources for Interdisciplinary Education” and “Resources for Team Science.” In each case, scrutinizing bibliographies will lead to a deeper level of resources and earlier works not in this compilation of recent works.

URLs: All URLs were accessed 11 June 2014. If a link for Google Books does not open, simply type the name of the book into a Google Books search and the text will appear.


FAQ #1: Where should I start for authoritative introductions and overviews?


Table of contents and free downloadable PDF file at
http://www.nap.edu/catalog.php?record_id=11153

http://www.units.muohio.edu/aisorg/pubs/aisbib.html

For guides to materials and updated information, go to two key organizations.

• The Association for Interdisciplinary Studies is a professional organization based in the US. It hosts an annual conference, publishes a newsletter and a journal, and has an annotated list of publications on interdisciplinarity on the organization’s website at
http://www.units.muohio.edu/aisorg/

• The Network for Transdisciplinary Research <td-net> is an international multi-lingual platform based in Switzerland. It supports interdisciplinary research and teaching with pertinent materials, including an updated bibliography of resources on the website at
http://www.transdisciplinarity.ch/

FAQ #2: Where can I learn about strategies for change?


• For an ASHE Higher Education Report digest, see Holley, K. A. (2009). Understanding Interdisciplinary Challenges and Opportunities in Higher Education. San Francisco: Jossey
Bass. An overview of strategies for interdisciplinary change with a focus on structure and rewards in academic institutions, with chapters on definition, academy, research practice, and learning and education. Vol. 35, no. 2. In the ASHE series. Text downloadable in PDF file with membership in Academia.edu research sharing network at http://www.academia.edu/5390376/Understanding_Interdisciplinary_Challenges_and_Oppurtunities_in_Higher_Education

FAQ #3: Where can I find scholarly studies of interdisciplinarity?

• For a literature review, see Chettiparamb, A. (2007). *Interdisciplinarity: A Literature Review*. The Interdisciplinary Teaching and Learning Group, Subject Centre for Languages, Linguistics and Area Studies, School of Humanities, University of Southampton. Guides readers to works on the nature of disciplinarity, realms of practice, teaching, and higher education policy context in the UK. Downloadable file at www.heacademy.ac.uk/ourwork/networks/itlg].


FAQ #4: Where can I learn more about interdisciplinarity in science and technology?

  - R. P. Crease, “Physical Sciences” (pp. 79-102)
  - W. Burggren, et al., “Biological Sciences” (119-32)
  - P. J. Culligan and F. Peña-Mora, “Engineering,” (pp. 147-60)
  - S. Jasanoff, “A Field of Its Own: The Emergence of Science and Technology Studies” (191-205)

• For an earlier anthology of essays: Weingart, P. and Stehr, N. (Eds.). (2001). *Practicing Interdisciplinarity*, Toronto: University of Toronto Press. Covers the topics of interdisciplinary discourse, the changing topography of science, the role of funding bodies, and international contexts of research practice, with bibliography leading to earlier resources. Table of contents and partial text viewable at http://books.google.com/books?id=MS92DLz4gksC&printsec=frontcover&source=gbs_ge_summary_r&cad=0#v=onepage&q&f=false

See also:

FAQ #5: Where can I learn more about interdisciplinarity in social sciences?


**See also:**

**FAQ 6: Where can I learn more about interdisciplinarity in humanities?**

- **For a proposal and illustrations of concepts as the methodological core for interdisciplinary cultural analysis:** Bal, M. *Travelling Concepts in Humanities*, Toronto: University of Toronto Press, 2002. Analyzes the roles of meaning, metaphor, narrative, myth, image and other concepts, with particular interests for art history, visual and cultural studies, literary studies, bibliographical studies, and feminist theory. Wayne State University Purdy-Kresge Library copy: AZ 101 .B34 2002. Table of contents and partial text viewable at http://books.google.com/books?id=wBZ49g-RhugC&printsec=frontcover&source=gbs_ge_summary_r&cad=0#v=onepage&q&f=false
