Bibliography on Case Study Teaching in Science

Nancy A. Schiller and Clyde F. Herreid
National Center for Case Study Teaching in Science
University at Buffalo, State University of New York

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This bibliography provides references to journal articles, books, book chapters, and dissertations organized below into sections for each of these types of literature. In addition, within the section on journal articles, there are subsections for writing cases, teaching with cases, leading case discussions, etc.

JOURNAL ARTICLES

Background


**Writing Cases**


**Teaching with Cases**


Field, P. R. (2013). Revising a formal case study presentation as an independent research project. *Journal of College Science Teaching, 43*(2), 74-77.


**Assessing Student Case Work**


**Leading Case Discussions**


**Cooperative Learning / Small Groups**


**Problem-Based Learning** [Note: the following highlights a selective list of articles on PBL]


Zhao, W., et al. (2020). The effectiveness of the combined problem-based learning (PBL) and case-based learning (CBL) teaching method in the clinical practical teaching of thyroid disease. *BMC Medical Education, 20*(1), 381 [11 p.].

**Guided Design**


**BOOKS**


**BOOK CHAPTERS**


**DISSERTATIONS**


Bryant, S. (2016). Effects of unfolding case studies on nursing students' understanding and transfer of oxygenation (Ed.D. dissertation), The University of Alabama.


**CASE STUDIES**

The National Center for Case Study Teaching in Science has published hundreds of case studies in all areas of science as part of its peer-reviewed Case Collection; see: [https://sciencecases.lib.buffalo.edu](https://sciencecases.lib.buffalo.edu)