



Jekylls and Hydes: Rhetoric of the Scientist

Term: Spg 2009

Librarian

[1]

Helen Josephine

Engineering Library, Head

Email: helenj@stanford.edu [2]

- [3]
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- [SciTech Resources](#) [5]
- [Rhetoric of the Scientist](#) [6]

SciTech Resources

[7]

Science Databases:

To locate databases by name or topic, use the [SearchWorks](#) [8] online catalog and select the Database facet. Databases in SearchWorks are always indicated with a green bar.

- [Access Science](#) [9]
The online McGraw Hill Encyclopedia of Science and Technology includes encyclopedia articles, biographies, videos, and news covering over 7,000 scientific and technical topics.
- [Biosis](#) [10]
Indexes life sciences and biomedical research from journals, meetings, patents, and books. Covers 5,000+ journals. Citations and abstracts only, with links to full-text at Stanford if available.
- [Engineering Village](#) [11] (also called Compendex or Engineering Index)
References over 5,000 international engineering sources including journal, conference, and trade publications. Covers all



areas of engineering including environmental, electrical, and industrial. Citations and abstracts only with links to full-text at Stanford if available.

[INSPEC](#) [12]

Indexes published literature in physics, electrical/electronics engineering, computing, control engineering, information technology, production, manufacturing and mechanical engineering as well as materials science, oceanography, nuclear engineering, geophysics, biomedical engineering and biophysics. Citations and abstracts only with links to full-text at Stanford if available.

[Medline](#) [13]

Indexes medical information and the database of the U.S. National Library of Medicine (NLM). Contains over 16 million references to journal articles in life sciences with a concentration on biomedicine, nursing, dentistry, human health. Some full-text, citations and abstracts with links to full-text at Stanford if available.

[Web of Science](#) [14]

Indexes authors who have been cited in current literature across 100 scientific disciplines. Key feature is the ability to search by who is citing various papers by other authors. Citations and abstracts with links to full-text at Stanford if available.

[Science.gov](#) [15]

Searches over 36 databases and 1,850 selected websites, offering 200 million pages of authoritative U.S. government science information, including research and development results.

[SciVerse](#) [16]

A federated search portal which allows cross-searching Scopus Citations, Science Direct Ebooks and the scholarly internet. Links to full-text at Stanford if available.

If you are still having trouble finding materials, just [Ask Us](#) [17]!

Rhetoric of the Scientist

[18]

Specialized Resources

- [Complete Dictionary of Scientific Biography \[electronic resource\]](#). [19]
- [The Nobel Scientists: A Biographical Encyclopedia \[print resource\]/ George Thomas Kurian](#). [20]
- [The Biographical Dictionary of Women in Science: Pioneering Lives from Ancient Times to the Mid-20th century \[print resource\] / Marilyn Ogilvie and Joy Harvey, editors](#). [21]
- [Oxford Reference Online](#) [22]—includes Oxford Companion to the History of Modern Science, Dictionary of Scientists, Science Technology and Society, Oxford Dictionary of National Biography and other sources.

Examples of Subject Headings in [Socrates](#) [23]

- Subject = [Science in Motion Pictures](#) [24]
- Subject = [Science in Literature](#) [25]
- Subject = [Women in Science](#) [26]
- Subject = [Science-Social Aspects](#) [27]
- Subject = [Science and Civilization](#) [28]

Sample Books of Interest:

- [Strange brains and genius : the secret lives of eccentric scientists and madmen / Clifford A. Pickover](#) [29].



- [Recreating Newton : Newtonian biography and the making of nineteenth-century history of science / by Rebekah Higgitt Me & Isaac Newton \[videorecording\].](#) [31]
- [Archimedes to Hawking : laws of science and the great minds behind them / Clifford A. Pickover.](#) [32]
- [It doesn't take a rocket scientist : great amateurs of science / John Malone.](#) [33]
- [Has feminism changed science? / Londa Schiebinger.](#) [34]
- [Telling lives in science : essays on scientific biography / edited by Michael Shortland and Richard Yeo.](#) [35]
- [Science, technology and culture \[electronic resource\] / David Bell.](#) [36]

Suggested Databases (see the [Database](#) [37] list for more)

- [Medline](#) [38] – All areas of medicine, including dentistry and nursing.
- [History of Science, Technology and Medicine](#) [39] - International bibliography of history of science, technology, and medicine.
- [Academic Search Premier](#) [40]
- [Expanded Academic Index](#) [41]
- [JSTOR](#) [42]--can limit search to the journals in the History of Science Section.

A Selection of Journals (see the [E-Journals](#) [43] list for more)

- [ISIS: Journal of the History of Science and Society](#) [44]
- [Social Studies of Science](#) [45]
- [Science](#) [46]
- [Science Technology and Human Values](#) [47]

Web Resources

Be sure to evaluate websites by critically examining content, creators, and sources for validity and bias.

- [Science.gov](#) [48]- Science.gov searches over 36 databases and 1,850 selected websites, offering 200 million pages of authoritative U.S. government science information, including research and development results.
- [NPR](#) [49] - Archives of popular news and information radio shows, such as Morning Edition, All Things Considered and Talk of the Nation. Check these and others for topical stories; browse topics Health and Science. You can also find interviews on [Fresh Air from WHYY](#) [50]
- [AAAS](#) [51](The American Association for the Advancement of Science) - "Triple A-S" (AAAS), is an international non-profit organization dedicated to advancing science around the world by serving as an educator, leader, spokesperson and professional association. In addition to organizing membership activities, AAAS publishes the journal Science, as well as many scientific newsletters, books and reports, and spearheads programs that raise the bar of understanding for science worldwide.
- [NAS](#) [52](The National Academies of Science)- The National Academies perform an unparalleled public service by bringing together committees of experts in all areas of scientific and technological endeavor. These experts serve *pro bono* to address critical national issues and give advice to the federal government and the public. Four organizations comprise the Academies: the [National Academy of Sciences](#) [53], the [National Academy of Engineering](#) [54], the [Institute of Medicine](#) [55] and the [National Research Council](#) [56].
 - [Science and Entertainment Exchange](#) [57]- The Science & Entertainment Exchange is a program of the National Academy of Sciences that provides entertainment industry professionals with access to top scientists and engineers to help bring the reality of cutting-edge science to creative and engaging storylines.
- [Hollywood Math and Science Film Consulting](#) [58]-MISSION STATEMENT: Hollywood Math and Science Film Consulting will ensure that the technical details and jargon in your script sound believable, whether they be mathematical, scientific, or medical.
- [WorldWideScience.org](#) [59] - is a global science gateway connecting you to national and international scientific databases and portals. WorldWideScience.org accelerates scientific discovery and progress by providing one-stop searching of global science sources. The WorldWideScience Alliance, a multilateral partnership, consists of participating member countries and provides the governance structure for WorldWideScience.org.
- [The Galileo Project:Catalog of the Scientific Community in the 16th and 17th Centuries](#) [60]-This catalog is a collection of 631 detailed biographies on members of the scientific community during the 16th and 17th centuries with vital facts about each individual and their contributions to science. Archived at Rice University and compiled by the late [Richard S. Westfall](#) [61], Professor in the Department of History and Philosophy of Science at Indiana University.



If you are still having trouble finding materials, just [Ask Us](#) [62]!

- [History of Science & Technology](#) [63]
- [Science and Engineering](#) [64]

Section: PWR 1

Instructor: Yamboliev

- [Previous Research Guide](#)

```
var _gaq = _gaq || []; _gaq.push(['_setAccount', 'UA-7219229-20']); _gaq.push(['_trackPageview']); (function() { var ga = document.createElement('script'); ga.type = 'text/javascript'; ga.async = true; ga.src = ('https:' == document.location.protocol ? 'https://ssl' : 'http://www') + '.google-analytics.com/ga.js'; var s = document.getElementsByTagName('script')[0]; s.parentNode.insertBefore(ga, s); })();
```

User login

[To login with SUNetID, CLICK HERE!](#)

Username: *

Password: *

- [Request new password](#)

Source URL: <https://www.stanford.edu/group/ic/cgi-bin/drupal2/node/480>

Links:

[1] <https://www.stanford.edu/group/ic/cgi-bin/drupal2/node/305>

[2] <mailto:helenj@stanford.edu>

[3] <https://www.stanford.edu/group/ic/cgi-bin/drupal2/node/480#tabs--middle-1>

[4] <https://www.stanford.edu/group/ic/cgi-bin/drupal2/node/480#tabs--middle-2>

[5] <https://www.stanford.edu/group/ic/cgi-bin/drupal2/node/480#tabs--middle-3>

[6] <https://www.stanford.edu/group/ic/cgi-bin/drupal2/node/480#tabs--middle-4>

[7] <https://www.stanford.edu/group/ic/cgi-bin/drupal2/node/261>

[8] <http://searchworks.stanford.edu>

[9] <http://www.accessscience.com/index.aspx>

[10]

http://apps.isiknowledge.com/BIOSIS_GeneralSearch_input.do?highlighted_tab=BIOSIS&product=BIOSIS&last_prod=BIOSIS&search_mode=GeneralSearch&SID=2ELm@f7J1fA23383D2C

[11] <http://www.engineeringvillage.com/>

[12] <http://ezproxy.stanford.edu:2048/login?url=http://isiknowledge.com/?DestApp=INSPEC>

[13]

<http://ezproxy.stanford.edu:2048/login?url=http://search.ebscohost.com/login.aspx?authtype=ip,uid&profile=ehost&defaultdb=cmedm>

[14] <http://ezproxy.stanford.edu:2048/login?url=http://webofknowledge.com/?DestApp=WOS>

[15] <http://www.science.gov/>

[16] <http://www.hub.sciverse.com/>



- [17] <http://www.stanford.edu/group/ic/cgi-bin/drupal/contact#IM>
- [18] <https://www.stanford.edu/group/ic/cgi-bin/drupal2/node/492>
- [19] <http://library.stanford.edu/searchcat?ckey=6865215>
- [20] <http://library.stanford.edu/searchcat?ckey=5325494>
- [21] <http://library.stanford.edu/searchcat?ckey=4495879>
- [22] <http://www.oxfordreference.com/views/GLOBAL.html>
- [23] <http://socrates.stanford.edu>
- [24] <http://library.stanford.edu/searchcat?xsubject=Science in Motion Pictures>
- [25] <http://library.stanford.edu/searchcat?xsubject=Science in Literature>
- [26] <http://library.stanford.edu/searchcat?xsubject=Women in Science>
- [27] <http://library.stanford.edu/searchcat?xsubject=Science-Social Aspects>
- [28] <http://library.stanford.edu/searchcat?xsubject=Science and Civilization>
- [29] <http://library.stanford.edu/searchcat?ckey=3879536>
- [30] <http://library.stanford.edu/searchcat?ckey=7110175>
- [31] <http://library.stanford.edu/searchcat?ckey=4760524>
- [32] <http://library.stanford.edu/searchcat?ckey=7544752>
- [33] <http://library.stanford.edu/searchcat?ckey=5321175>
- [34] <http://library.stanford.edu/searchcat?ckey=4091750>
- [35] <http://library.stanford.edu/searchcat?ckey=3341056>
- [36] <http://library.stanford.edu/searchcat?ckey=7769316>
- [37] <http://databases.stanford.edu>
- [38] <http://search.ebscohost.com/login.aspx?authtype=ip,uid&profile=ehost&defaultdb=cmedm>
- [39] <http://firstsearch.oclc.org/fsip?dbname=HistSciTechMed&done=referer>
- [40] <http://search.ebscohost.com/login.aspx?authtype=ip,uid&profile=ehost&defaultdb=aph>
- [41] <http://infotrac.galegroup.com/itweb/stan90222/?db=EAIM>
- [42] <http://www.jstor.org/>
- [43] <http://caslon.stanford.edu:3210/sfxlcl3/az>
- [44] <http://library.stanford.edu/searchcat?ckey=365247>
- [45] <http://library.stanford.edu/searchcat?ckey=406863>
- [46] <http://library.stanford.edu/searchcat?ckey=3195846>
- [47] <http://library.stanford.edu/searchcat?ckey=419022>
- [48] <http://science.gov/>
- [49] <http://www.npr.org/>
- [50] <http://www.npr.org/templates/rundowns/rundown.php?prgId=13>
- [51] <http://www.aaas.org>
- [52] <http://www.nas.edu/>
- [53] <http://www.nasonline.org/site/PageServer>
- [54] <http://www.nae.edu/>
- [55] <http://www.iom.edu/>
- [56] <http://www.nationalacademies.org/nrc>
- [57] <http://www.scienceandentertainmentexchange.org/index.html>
- [58] <http://www.hollywoodmath.com/>
- [59] <http://www.worldwidescience.org/>
- [60] <http://galileo.rice.edu/lib/catalog.html>
- [61] <http://galileo.rice.edu/Catalog/Docs/westfall.html>
- [62] <https://www.stanford.edu/group/ic/cgi-bin/drupal2/node/34>
- [63] <https://www.stanford.edu/group/ic/cgi-bin/drupal2/taxonomy/term/29>
- [64] <https://www.stanford.edu/group/ic/cgi-bin/drupal2/taxonomy/term/11>