1 Recommended Readings

The following papers in scientific reasoning are recommended for finding research topics for your scientific reasoning paper or project.


Cohen, J. "Irreproducible Results and the Breeding of Pigs (or Nondegenerate Limit Random Variables in Biology)." BioScience, 26 (1976), 394-94.


Hanson, N. R. *Perception and Discovery: An Introduction to Scientific Inquiry*. San Francisco: Freeman, Cooper, 1969.


Keene, G. B. "The Irrelevance of Classical Logic." *Philosophical Quarterly,* 41 (1990), 76-82.


Longino, H. E. "Feminist Critiques of Rationality: Critiques of Science or Philosophy of Science?" *Women’s Studies International Forum*, 12 (1989), 261-269.


1 RECOMMENDED READINGS


Nickles, T. "What is a Problem that We May Solve It?" *Synthese*, 47 (1981), 85-118.


1 RECOMMENDED READINGS


Smokler, H. "Are Theories of Rationality Empirically Testable?" *Synthese*, 82 (1990), 297-306.


2 RECOMMENDED REFERENCES


2 Recommended References

The following works are recommended for finding philosophical research references for your scientific reasoning paper or project. Most are available in the stacks of the Larry A. Jackson Library.


Good online sources for this course are updated on a regular basis on the Philosophy Web Site: [http://philosophy.lander.edu/intro/links.html](http://philosophy.lander.edu/intro/links.html). General philosophical links can be found at [http://philosophy.lander.edu/genPhilLinks.html](http://philosophy.lander.edu/genPhilLinks.html).

### 3 Periodicals in Philosophy

If you find time during the semester to browse in the Larry A. Jackson Library, there are a few journals which show some of the technical applications of philosophy. These include the following publications.

- *The American Philosophical Quarterly*
- *The British Journal for the Philosophy of Science*
- *Ethics*
- *International Philosophical Quarterly*
- *Mind*