Annotated Bibliography: Removing Gender-Bias from Science

This is an annotated bibliography for research on the causes of women deciding against a career in science. I am researching what roles cultural views and academic policies play in the lack of women in science. A library search resulted in several books, journal articles, and database articles that relate to my topic. I also performed an internet search for websites related to my topic. I seek to explore the challenges and cultural views women face as science professionals.


The AAUW seeks to promote equity in education for women and girls through advocacy, education, philanthropy, and research. AAUW serves as a voice for women and girls across the country. The research done through AAUW has prompted many changes in how women and girls are educated in the United States. I will use this site as a guide to organizations that are meant to help and encourage women in science studies.


Lise Eliot demonstrates the differences in female and male brains through studying the biological differences. Eliot proves that much of what we have been told about the difference between the brains of the two sexes is falsely stated and gathered from incomplete data. Eliot declares that there are differences but the degree of those
science field much evidence is ignored or misconstrued. This book serves to give a
history of the attitudes towards women by male scientists.


Gould examines the nineteenth century studies of Paul Broca and his claims that a
smaller brain in women makes them inferior. Gould uses Broca’s data to show that
results can be skewed according to the researcher’s goal. I will use this article to show
how earlier studies set the tone of discrimination against women in science.

2013.

Malcolm and Malcolm give insight into the challenges of being a minority woman in
science. Shirley Malcolm explains that not a lot of changes have been made since she was
in school. The article also mentions the difference in the resources and types of education
available to minorities and women. This article would give perspective to challenges that
different groups face.


Dr. Pettey is the head of the Computer Science Department at MTSU. Her experience as
a woman in computer science will provide first-hand knowledge and experience to my
topic. As an educator, she will provide insight into what changes need to take place in the
field of computer science to encourage women to pursue a career in the field.

programs created to help retain talented women in science. This article will provide the
basis of my topic and give sufficient evidence to the issue raised.