Using an ALA Carnegie Whitney Grant to Support Women in STEM: A Bibliography Project

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USING AN ALA CARNEGIE WHITNEY GRANT TO SUPPORT WOMEN IN STEM: A BIBLIOGRAPHY PROJECT

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#IANELib2019
Where are the women?

Use a search engine to find a study on women in college or universities studying (or teaching) science, technology, engineering, or math.
Presentation Overview

Begin at the end
Finding the money
Setbacks and lessons
Timeline
Student worker
Future Projects

Overview Presentation
Beginning at the end

Women in STEM on UNO campus

We need some studies!

There should be lots of studies...?!
Why is this so hard to find?

But STEM is so popular!

- STEM was coined in 2001 but just recently picked up in usage
- "stem" also brings up "stem cell" and "plant stem" resources
- Very popular in news, blogs, press releases, and commentaries

Review of the literature shows there are hundreds of existing studies from 2007 to the present to help recruiters, administrators, public servants and educators recruit, retain, and support women in STEM.
If I can't find the info...

- Applying for grants
- After school programs
- Faculty research
- Campus projects

I have to make it easier to find!

- Carnegie-Whitney Grant for $
- Hire a library science student
- Make a website
- Get the word out!
...for the preparation and publication of popular or scholarly reading lists, indexes and other guides to library resources that will be useful to users of all types of libraries.
Where could you put $5k to use?

KNOW YOUR COMMUNITY
Do you have civic or local groups interested in a certain topic?

KNOW YOUR PATRONS
Do you have teachers or students who always need some guidance on The Assignment?

KNOW YOUR NEEDS
Do you have a mental list that could really serve a lot of other librarians (or yourself) if it was online?
Imagined

- Library student who needs experience/presentations
- Money arrives right on time
- We start in May 2018
- 16 weeks of part-time work for self-sufficient assistant
- Presentations to get the word out to constituents

Real Life

- Small pool of applicants at the end of the school year
- Delayed start waiting for money
- Assistant left for graduate position in August
- Timeline cut in half and workload doubled
- Software limitations
- Presentations
• August 2017 - Most info already gathered
• December 2017 - Grant application turned in
• March 2018 - Grant awarded
• April 2018 - Waiting on check to arrive...
• May 2018 - Research assistant hired
• May 2018 - Waiting on check to arrive...
• June 2018 - Research assistant starts
• July 2018 - Research Guide info entered
• August 2018 - Research assistant leaves
• October 2018 - Women Advance IT conference
• January 2019 - Project final report due to ALA
• March 2019 - Presented at ACRL
Welcome to the Women in STEM Research Guide. This guide will help you identify important resources including:

- scholarly articles,
- books,
- e-books,
- theses/dissertations,
- government documents.

Open Access materials have been included as often as possible to enhance accessibility by linking to OA publishers and to library repositories for theses and dissertations. If the item is behind a paywall, please contact your institution's library or your local public library to request access to this item.

If you need help or would like a publication to be considered for this bibliography, please email Dr. Heidi Blackburn at hblackburn@unomaha.edu.

This project was funded by an American Library Association Carnegie-Whitney grant (2018) and builds on the study "The Status of Women in STEM in Higher Education: A Review of the Literature 2007-2017" (Blackburn, 2017).

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libguides.unomaha.edu/womeninSTEM
Student research assistant feedback

What did you learn?
I am glad that I was part of it, I got a chance to learn about different softwares, APA formatting and this project improved my research skills.

What did you like best about the project?
The best thing about this project was research, even I gained so much knowledge about women in STEM and I think this project is going to make life of people easier who wants to know about this topic.

What was most frustrating?
Most frustrating I would say was the browser taking time to load the Refworks [citation software] (I tried different browsers too) and sometimes I had to refresh multiple times to get a particular page.

What skills or lessons learned will you take away for your future career?
It has improved my time management skills, research skills and I got some good experience in working as a team.
1,245

CITATIONS ENTERED TO DATE

1,497

NUMBER OF LIBGUIDE VIEWS (9/3/2019)
Future projects

ADDING
Continue adding citations

SHARING
Share with departments and faculty

PUBLISHING
Writing about experiences
Project
Where could you use a strong bibliography for your patrons/students?

Grant
Who can help you apply?

Women in STEM
Could you use this FREE resource at your library?

Nothing here
Science says you can't remember more than 3 items on a to-do list!

Access a FREE copy at https://digitalcommons.unomaha.edu
Thanks for listening!

Please take some time to explore and share our site! libguides.unomaha.edu/womeninSTEM

Questions about the grant process or project?
Connect with me at hblackburn@unomaha.edu or @heidiblackburn