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

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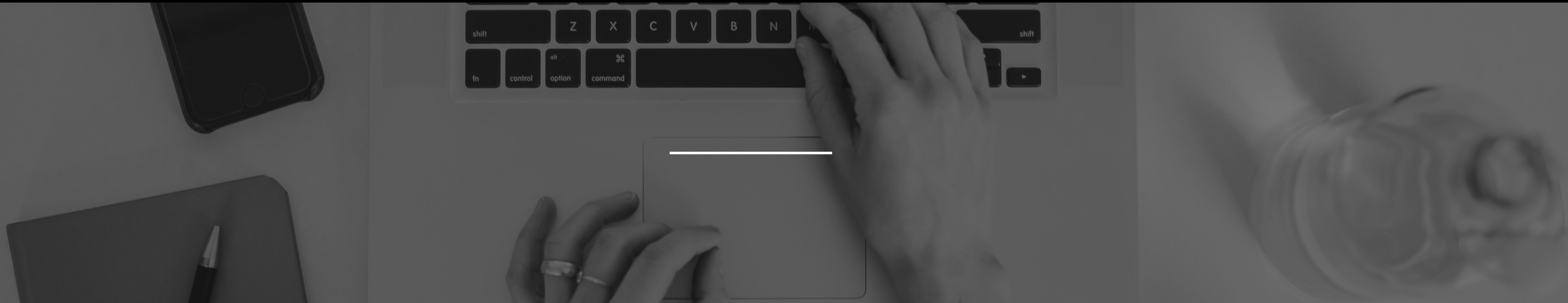
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## **USING AN ALA CARNEGIE WHITNEY GRANT TO SUPPORT WOMEN IN STEM: A BIBLIOGRAPHY PROJECT**

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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





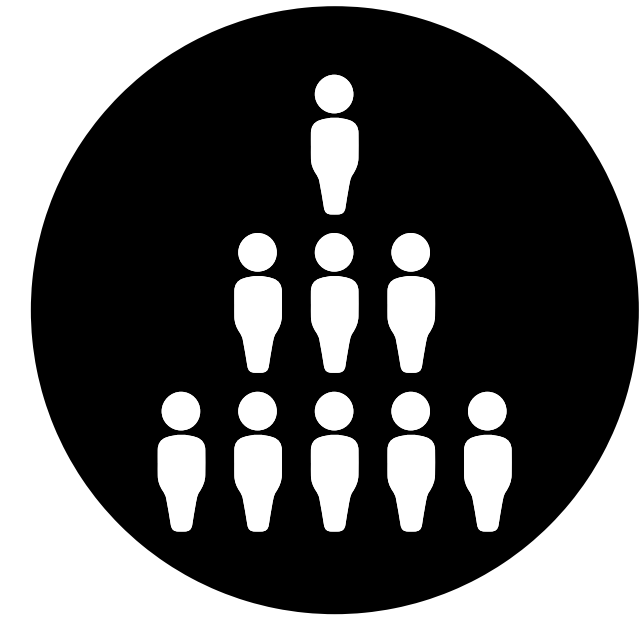
# Beginning at the end



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

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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...**

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

## **I have to make it easier to find!**

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- Carnegie-Whitney Grant for \$
- Hire a library science student
- Make a website
- Get the word out!



# **AMERICAN LIBRARY ASSOCIATION CARNEGIE-WHITNEY GRANT**

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*...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?

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## KNOW YOUR COMMUNITY

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

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## KNOW YOUR PATRONS

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

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## 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

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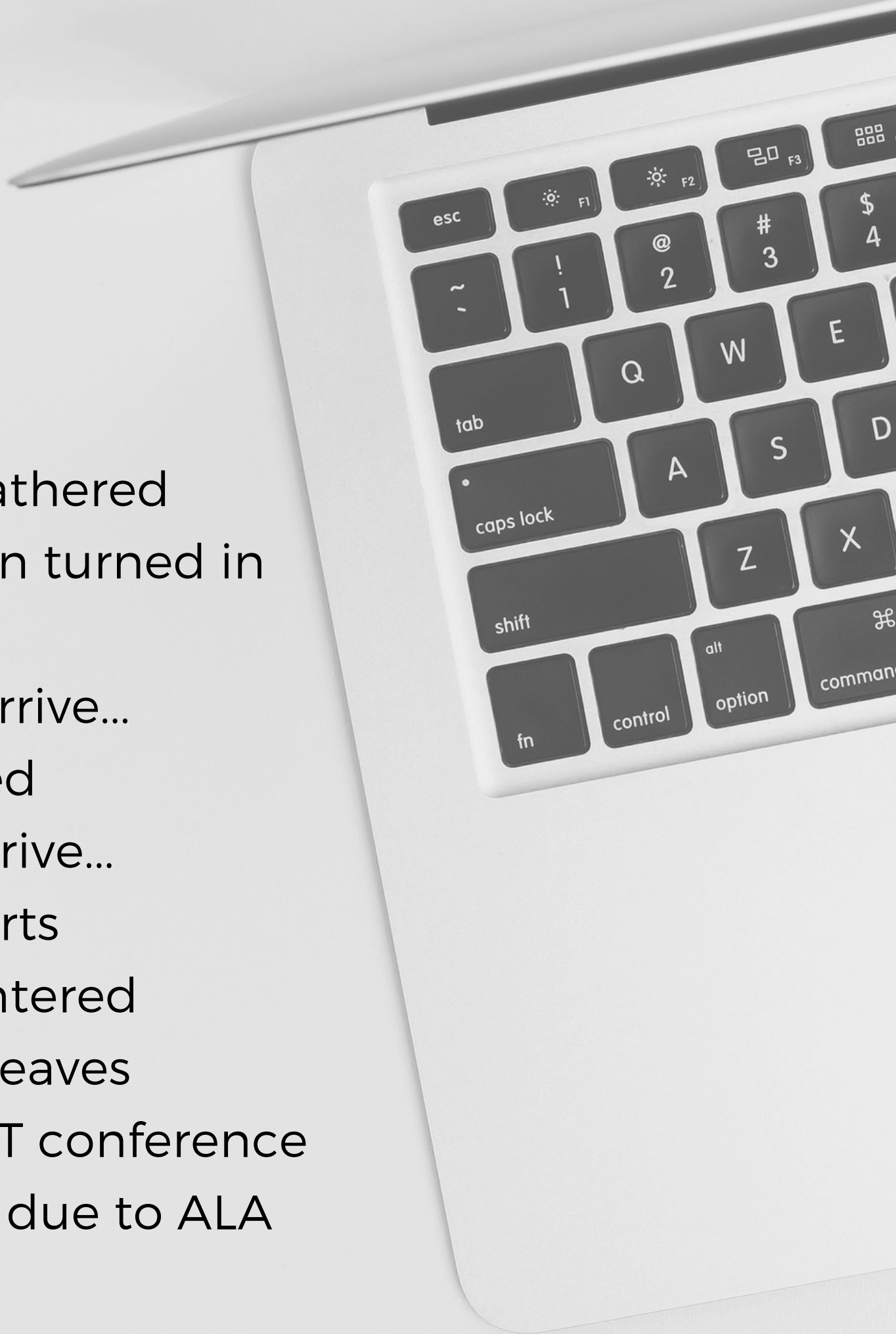
- Library student who needs experience/presentations
- Money arrives right on time
- We start in May 2018
- 16 weeks of part-time work for self-sufficient assistant
- Presentations to get the word out to constituents

# Real Life

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- 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



# Timeline

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**HEIDI BLACKBURN**

Librarian



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**TARUN CHARTUVEDI**

Graduate Student



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**SPRINGSHARE**

LibGuides



**Research Team**

## Women in STEM in Higher Education

Bibliography covering the recruitment and retention of women in Science, Technology, Engineering, and Math in the United States. #STEM #WomeninIT #WomeninSTEM

Home

Welcome

Other Helpful Guides

Recruitment

Retention

Barriers

Identity

Careers

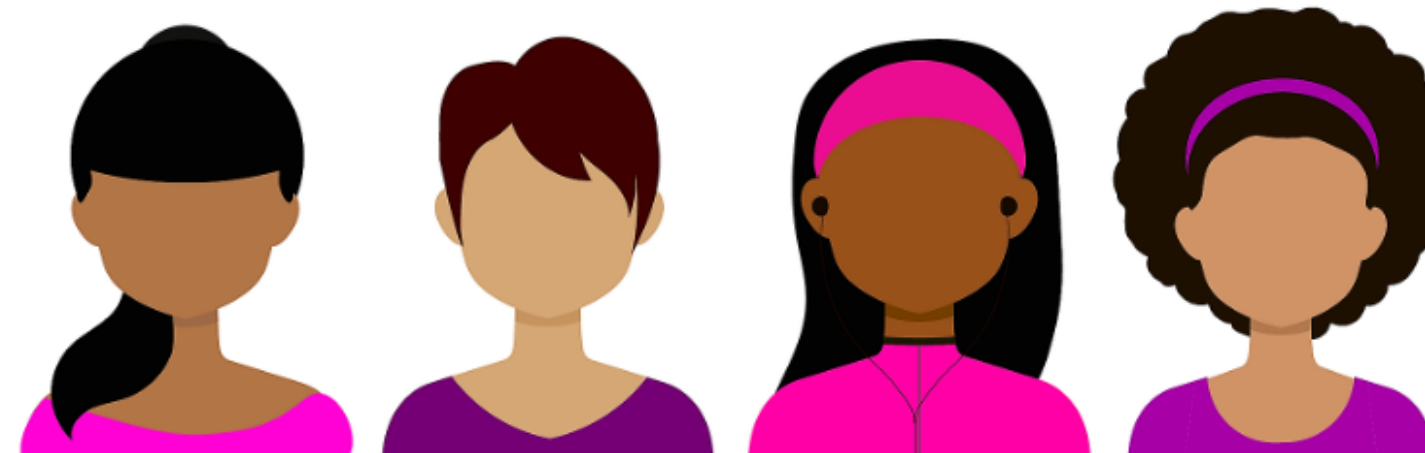
Faculty Issues

Books

Government Documents

Policies and Strategies for Change

Welcome



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 pay wall, 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](mailto: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](https://libguides.unomaha.edu/womeninSTEM)

# Student research assistant feedback

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## **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**

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**CITATIONS ENTERED TO  
DATE**

**1,497**

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**NUMBER OF LIBGUIDE  
VIEWS (9/3/2019)**

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## **ADDING**

Continue adding citations

# **Future projects**

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## **SHARING**

Share with departments and faculty

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## **PUBLISHING**

Writing about experiences

# KNOW BEFORE YOU GO

- **Project**

Where could you use a strong bibliography for your patrons/students?

- **Grant**

Who can help you apply?

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- **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!

**American Library Association  
Carnegie-Whitney grant**

<http://www.ala.org/awardsgrants/carnegie-whitney-grant>

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**Blackburn, H. (2017). The Status of Women in STEM in Higher Education: A Review of the Literature 2007-2017. Science & Technology Libraries, 36(3), 235-273.**

Access a FREE copy at  
<https://digitalcommons.unomaha.edu>

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**Let's connect!**

# Thanks for listening!

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Please take some time to explore and share our site!

[libguides.unomaha.edu/womeninSTEM](http://libguides.unomaha.edu/womeninSTEM)

Questions about the grant process or project?

Connect with me at [hblackburn@unomaha.edu](mailto:hblackburn@unomaha.edu) or [@heidiblackburn](https://twitter.com/heidiblackburn)

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