

# SAMUEL HANSEN

*email*        hansensm@umich.edu  
*website*     <https://samuelhansen.com>  
*phone*        (+1) 702-235-9961

## WORK EXPERIENCE

*2019–Present*   Mathematics & Statistics Librarian, UNIVERSITY OF MICHIGAN  
*2009–Present*   Director & Podcast Producer, ACMESCIENCE.COM  
*2017–2019*     PodcastRE Developer (Research Assistant), UNIVERSITY OF WISCONSIN

## EDUCATION

*2017–2019*     University of Wisconsin, Madison  
                    Masters of Library and Information Science  
                    Advisor: Dorothea Salo

*2008–2011*     University of Nevada, Las Vegas  
                    Masters of Science: Pure Mathematics  
                    Thesis: *Zero-Sum Magic and Null Sets of Planar Graphs*  
                    Advisor: Prof. Ebrahim Salehi

*2005–2008*     University of Wisconsin, Green Bay  
                    Bachelor of Science: Mathematics (Minor: Humanistic Studies)

## PUBLICATIONS

*2019*            The PodcastRE Project: Curating and Preserving Podcasts and their Data  
                    Journal of Radio and Audio Media  
                    Authors: Jeremy Morris, Samuel Hansen, Eric Hoyt

*2010*            Zero-sum magic and null sets of planar graphs  
                    Journal of Combinatorial Mathematics and Combinatorial Computing  
                    Authors: Ebrahim Salehi, Samuel Hansen

## PRESENTATIONS

### INVITED

*July 2018*     Storytelling in the Mathematical Domain  
                    Girls Talk Math  
                    University of Maryland, College Park

*Nov 2011*     Tell More Stories: Why We Need More Storytelling in Mathematics  
                    Mathematics Department  
                    University of Arkansas

- Nov 2010*     **Mathematical Podcasting**  
 IMA Early Career Mathematicians Conference  
 With Peter Rowlett
- Nov 2010*     **Bacon, Small-Worlds, and Your Important Friends: Social Network Theory Explained**  
 University of Leicester Math Society & University of Birmingham Math Society  
 With Peter Rowlett
- Nov 2010*     **Maths and Computing History Tour of Nottingham**  
 University of Greenwich Math Society  
 With Peter Rowlett

**CONTRIBUTED**

- May 2019)*     **Mathematics  $\neq$  Science: A study in citation rates over time**  
 Bibliometrics and Research Impact Community Conference 2019
- Nov 2018*     **The long tail of mathematical citations**  
 Annual MathsJam Gathering 2018
- Aug 2018*     **Playing with Mathematical Topic Modeling**  
 GeoDeepDive Workshop
- June 2018*     **PodcastRE Not Podcatcher: Archiving Podcasts for Research**  
 Code4Lib Midwest 2018
- Jan 2018*     **Word Problems from the Mid-1800s to Now: A Textbook Survey**  
 Joint Mathematics Meetings 2018
- Jan 2017*     **Outside the Equation — Exploring Alternative Forms of Mathematical Communication (Panel)**  
 Joint Mathematics Meetings 2017
- Jan 2017*     **What We Talk About When We Talk About Mathematics (Panel)**  
 Joint Mathematics Meetings 2017
- Aug 2010*     **Auditory Mathematics: Podcasting as Mathematical Outreach**  
 Math Fest 2010
- Jan 2010*     **Mathematics and the Internet: The Impact of New Media on a Discipline**  
 Joint Mathematics Meetings 2010
- May 2009*     **Zero-Sum Magic and Null Sets of Planar Graphs**  
 40th Southeastern International Conference on Combinatorics, Graph Theory and Computing

## POSTERS

- Sept 2019* Sleeping Beauties in Mathematical Research  
International Conference on Scientometrics and Informetrics 2019
- June 2019* Measuring Similarity Between Mathematics Research  
& its References Using Bibliographic Coupling  
Special Libraries Association Annual Conference 2019
- June 2018* Relatively Prime — A Podcast Story in 3 Seasons  
ComSciCon 2018

## PODCASTS

## SERIES

- 2012-Current* Relatively Prime Stories from the Mathematical Domain  
Host & Producer
- 2015-2017* The Other Half  
Executive Producer & Editor
- 2009-2016* Strongly Connected Components  
Host & Producer
- 2012-2015* Science Sparring Society  
Host, Producer, & Writer
- 2010-2013* Math/Maths  
Co-presenter with Peter Rowlett
- 2009-2011* Combinations and Permutations  
Producer & Host

## LIVE SHOWS

- Nov 2018* Relatively Prime - All The Math Podcasts  
Annual MathsJam Gathering 2018  
With Peter Rowlett
- Jan 2017* Relatively Prime - Origins  
Joint Mathematics Meetings 2017  
With Peter Rowlett
- Nov 2012* Math/Maths Live at MathsJam 2012  
Annual MathsJam Gathering 2012  
With Peter Rowlett
- Nov 2011* Math/Maths Live from Kingswood School

Kingswood School Bath, England  
With Peter Rowlett

*Nov 2011* Math/Maths Live at MathsJam 2011

Annual MathsJam Gathering 2011  
With Peter Rowlett

*Nov 2010* Math/Maths Live from Greenwich

University of Greenwich  
With Peter Rowlett

*Nov 2010* Math/Maths Live from MathsJam 2010

Annual MathsJam Gather 2010  
With Peter Rowlett

#### HONORS AND AWARDS

*2019* CADRE Fellowship

Systematic over-time study of the similarities and differences in research across mathematics and the sciences

*2019* CADRE Fellowship

Comparative analysis of legacy and emerging journals in mathematical biology  
With Marisa Conte, Scott Martin, and Santiago Schnell

*2019* SLA All-Star Poster Session

Measuring Similarity Between Mathematics Research & its References Using Bibliographic Coupling

*2019* Best Use of DH For Fun - DHAwards

PodcastRE

*2015* PRX STEM Story Project Grantee

Three Letters Meet on Broom Bridge

*2013* Best Science Multimedia on the Web - The Science Studio 2012 collection

Chinook - Relatively Prime: Stories from the Mathematical Domain

*2010* Edublog Awards Best Education Podcast Shortlist

Math/Maths  
With Peter Rowlett

*2008* Sheepshead Review Rising Phoenix Award

Today on Book of the Day: Your Story on Shuffle