



Systematic Review and Meta-Analysis Annual SIG Business Meeting

AERA 2024 CONVENTION

APRIL 12, 2024

Introduction and Welcome

- ▶ Agenda
 - ▶ Overview of the SIG
 - ▶ Membership update
 - ▶ Treasurer report
 - ▶ Program chair report
 - ▶ SIG Initiatives
 - ▶ Introductions & Networking/Socializing

SIG Executive Committee

- ▶ SIG Chair: James Pustejovsky
- ▶ Program Co-Chairs: Carlton Fong and Derek Rodgers
- ▶ Secretary: Amanda Neitzel
- ▶ Treasurer: Megha Joshi
- ▶ Graduate Student Member-at-large: Qiyang Zhang



Purpose and Goals

- ▶ The Systematic Review and Meta-Analysis SIG has three main purposes:
 - ▶ 1. To promote the use of systematic review and meta-analysis to answer critical educational-focused questions.
 - ▶ 2. To foster the development of systematic review and meta-analysis methods specific to applied research in education.
 - ▶ 3. To educate researchers and practitioners on the best practices of meta-analysis.
- ▶ In order to meet those purposes, the SR/MA SIG has three main goals:
 - ▶ 1. To produce high-quality systematic reviews and meta-analyses on educational topics.
 - ▶ 2. To develop new methods and improve old methods of quantitative synthesis dedicated for the use in education and related fields.
 - ▶ 3. To increase the knowledge of researchers and practitioners who utilize systematic reviews or meta-analysis.

Membership Report

- ▶ 170 Total Members (as of March 2024)
- ▶ 181 in 2023
- ▶ 155 in 2022
- ▶ 134 in 2021
- ▶ 125 in 2020
- ▶ 132 in 2019
- ▶ 101 in 2018
- ▶ Keep reaching out to anyone who might be interested!

Treasurer's Report

Month (2023-24)	Beginning Balance	Revenue	Expense	Ending Balance
		(Membership Dues)		
April	\$3,102.02	\$30.00	\$161.50 (Sponsored registrations) \$138.08 (Refreshments)	\$2,832.44
May	\$2,832.44	\$10.00		\$2,842.44
June	\$2,842.44	\$40.00		\$2,882.44
July	\$2,882.44	\$25.00		\$2,907.44
August	\$2,907.44	\$20.00	\$15.98 (Website)	\$2,911.46
September	\$2,911.46	\$0.00	\$225.00 (SIG Management Fee)	\$2,686.46
October	\$2,686.46	\$70.00		\$2,756.46
November	\$2,756.46	\$125.00		\$2,881.46
December	\$2,881.46	\$335.00		\$3,216.46
January	\$3,216.46	\$170.00		\$3,386.46
February	\$3,386.46	\$135.00		\$3,521.46
March				
	Total	\$960.00	\$540.56	+\$419.44

Program Chair's Report

Submitted

32 Papers
1 symposium

Accepted

22 individual papers
1 symposium (4 papers)

- ▶ 23 reviewers, each reviewed 3-5 proposals
- ▶ 1 round-table sessions, 2 paper sessions 1 posters session
- ▶ Fewer submissions than 2022 or 2023

SIG initiatives

- ▶ Website: <https://www.srmasig.org/>
- ▶ Twitter: @SRMA_SIG
Mastodon: srmasig@fediscience.org
- ▶ Online seminar on systematic review and meta-analysis methodology
 - ▶ Zoom talks, 3rd Fridays 9 am PT / 10 am MT / 11 am CT / 12 noon ET
 - ▶ 6 talks between September 2023 and March 2024
 - ▶ Recordings of past talks available: <https://www.srmasig.org/seminar/>
 - ▶ Planning the 2024-25 schedule.
Suggestions, volunteers, requests welcome.

Upcoming Seminars

- ▶ **April 19: Matthew Grainger, Norwegian Institute for Nature Research**

ESHackathon: Unlocking Evidence Synthesis Through Innovation



- ▶ **May 17: Emma Hart, Teachers College Columbia University**

Investigating Patterns of Fadeout using MERF, the Meta-Analysis of Educational RCTs with Follow-up



Thank you!

- ▶ SIG Officer Elections this coming Fall/Winter
- ▶ Contact
 - ▶ James Pustejovsky (pustejovsky@wisc.edu), Chair
 - ▶ Derek Rodgers (derek-rodgers@uiowa.edu), Program Co-Chair
 - ▶ Carlton Fong (carltonfong@txstate.edu), Program Co-Chair