

The Eldest SIGMAA Research in Undergraduate Mathematics Education (RUME)

Shandy Hauk
Brian P Katz (BK)
Samuel Cook

The story is organizational and intellectual.

A community, a conference, and ongoing documentation through peer review, mentoring, proceedings, and research-to-practice pathways.

Executive Committee

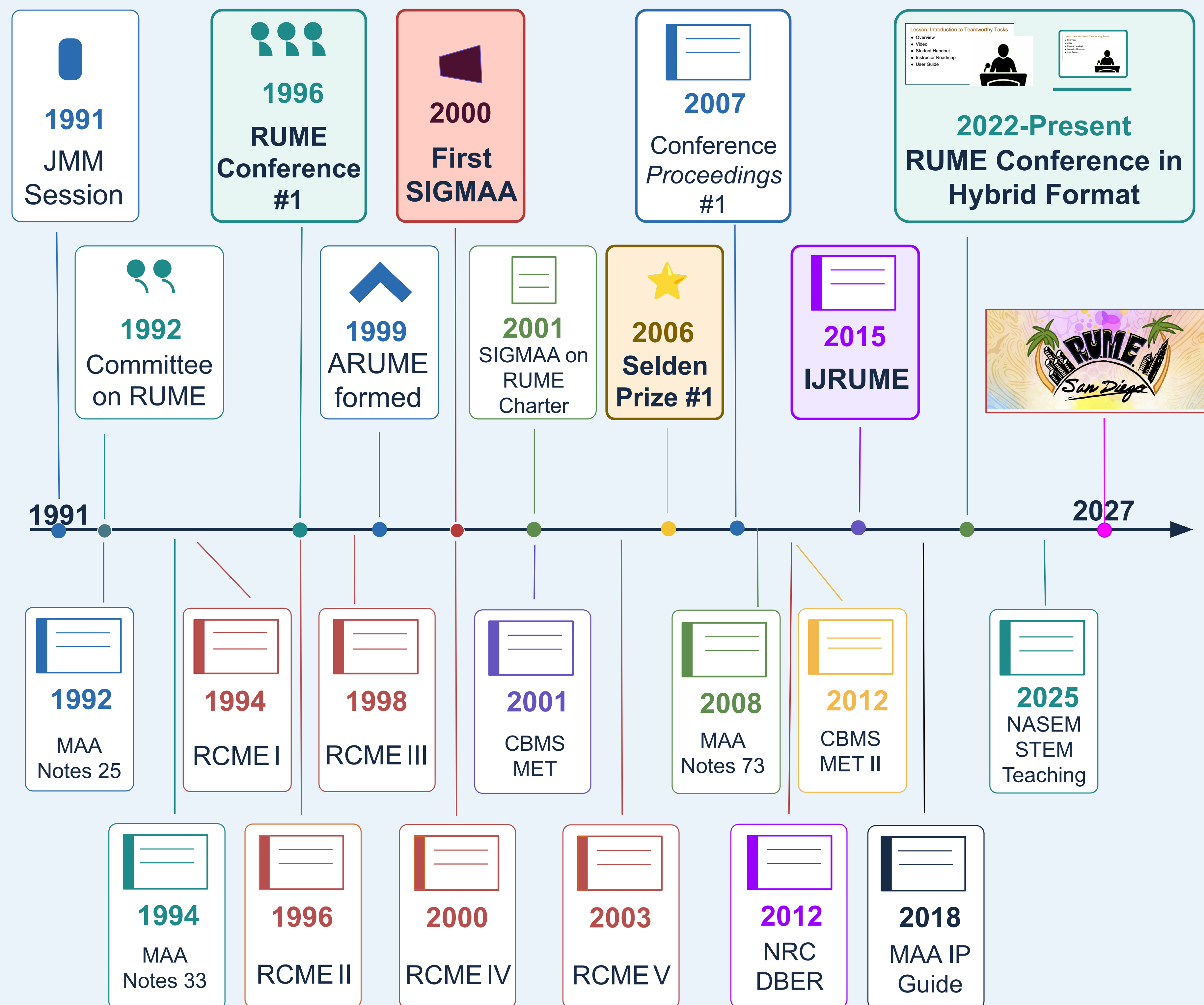
Elected: Chair (Past/Elect),
Conference Executive Coordinator,
Programming Coordinator,
Secretary, Treasurer;
Appointed: Archivist,
Communications Coordinator

**International Journal for
Research in Undergraduate
Mathematics Education
(IJRUME).** Internationally
respected. Meets the need for a
reporting home for post-secondary
mathematics education research.



RUME grew from scattered research conversations into the first SIGMAA and helped build a professional ecosystem for improving undergraduate teaching and learning.

Above the line: SIGMAA on RUME milestones.
Below the line: Selected publications that shaped the field.



Glossary:

MET: Mathematical
Education of Teachers

DBER: Discipline Based Education
Research

NASEM: National Academies of
Science, Engineering and Medicine

ARUME: The Association for Research in
Undergraduate Mathematics Education

RCME: Research in Collegiate
Mathematics Education

NRC: National Research
Council

CBMS: Conference Board of the
Mathematical Sciences

How the SIGMAA on RUME works now

Annual Research Conference

Hybrid Format

plenary talks, reports, posters,
working groups

Peer-Reviewed Proceedings

Recognition and Mentoring

Selden Prize, proceedings,
program committee, regional
RUME events

Research to Practice

MathFest & JMM sessions,
workshops, publications,
classroom-grounded questions

Community Infrastructure

Committees, hybrid conference,
MAA Connect, website,
Proceedings database

sigmaarume.org

Scan for current
events, proceedings,
publications, and
ways to get involved.

