

NCTM 2018 Research Conference - Submission and Review Information

NCTM Research Conference Proposal Submission Process

Login

To Sign In use your NCTM account. Members use your member login. Non-NCTM members can register as a user. Please use forgot password with your email address if you think you may have an account. Submitters will need to provide experience and expertise descriptors to facilitate the proposal review process.

1. Title

This is the title of your session as it would be included in the program. Limited to 75 Characters. Please make title as descriptive as possible about your session. It provides the first impression. Leaving them wondering usually has them not showing up. Do NOT submit in ALL CAPS!

Note: Click Save at the bottom of each section to record the information to the system. Selecting another section without saving will lose this content.

2. Speakers

Confirm that you are the lead speaker. Add speakers by searching for them in the NCTM database. Search by last, first such as Smit, Joh for John Smith.

If the person is not in the database then you may add their information.

Up to four additional Co-speakers and are allowed. Four additional panelists are allowed for Research Symposiums. For Symposiums up to two discussants may be submitted as well.

Please notify co-speakers, panelists, and discussants that their participation in a proposal submission also acknowledges their agreement to be a reviewer.

All individuals participating in a session must be pre-registered for the conference for a session to appear in the program.

3. Abstract (Limited to 500 Characters)

Provide a brief description of your presentation to be included in the program and provided to attendees prior to the event. Your description should provide attendees and reviewers with sufficient information about the context/setting for the presentation and key areas of insight or findings that will be shared.

4. Participant Objectives - Discussion session only

Provide 2 to 5 objectives for participants that attend your session. Specifically address what participants will learn (be specific), do (how will they participate), engage (are there opportunities for them to engage with others, actively be involved in learning) during your session.

5. Equity (Limited to 500 Characters)

NCTM is committed to access, equity and empowerment in its work. Specifically, the mathematics education research community is tasked to move equity from an individual choice to a collective professional responsibility. Including equity as one (but not the only) component considered in a research conference proposal moves the field forward through an important systemic mechanism (i.e., research conferences) that promotes the advancement and dissemination of research.

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Research conference proposals will be reviewed with this commitment in mind. Provide a clear statement how your proposal submission contributes to the Access, Equity and Empowerment dialogue and supporting work.

6. Descriptors

From the list on page # select all relevant descriptors for your proposal. These descriptors will be used to match your proposal with the appropriate reviewers as well as match you as a reviewer to proposals in your area of expertise.

For example, if you are reporting on the teacher practice of elementary teachers, select **Elementary** and **Teacher Practice**.

7. Terms

Submitters must acknowledge having read and agree to the following.

Technology Requirements

- Speakers must provide their own laptop computers.
- Complimentary internet access will not be available in meeting rooms.
I understand that I am responsible for securing internet access if needed.
- Each presentation room will be set with a minimum of computer audio, 1 LCD projector, 1 screen, and 1 microphone. Additional equipment requested beyond the room set will be at the presenter's expense.

Registration and Proposal Review

- All speakers must pre-register for the conference. Sessions with speakers who have not pre-registered will be removed from program.
- All individuals involved in a proposals submission agree to participate in the review of others' proposals.

Email

- Submitters may allow to have their email address included with the program.

Special Assistance

Do you require special assistance, as defined by the ADA, or special scheduling consideration for religious reason(s)? If YES then provide a brief description of your needs (500 character limit.)

8. Upload Proposal

Upload a single PDF containing the written session proposal for consideration based on the review criteria. The PDF should be contain text, tables, diagrams, references, etc. The proposal should be a maximum of 10 pages, double spaced, and NOT include the submitter's name. Max size is 10MB.

See the following **Proposal Development & Review Criteria** for more information on what to include and attend to while creating your proposal.

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Submission and Expertise Descriptors

Setting

Early childhood
Elementary
Middle Grades
Secondary
Grades K-12
Higher Education
Other _____

Categorical Expertise

Affect, Belief, and Identity
Teacher Knowledge
Administration/Policy
Learning
Special Needs/Inclusion
Assessment and Evaluation
Curriculum
Technology
Access/Equity/Empowerment
Social Justice
Families/Communities
Teacher Education
Teacher Practice
Other _____

Mathematics Content Expertise

Algebra/Algebraic Reasoning
Calculus and Higher Level
Mathematics
Data Analysis and Statistics
Early Number
Estimation and Mental
Arithmetic
Geometry
Mathematical Modeling
Mathematical Practices
Number and Operations
Probability
Ratio and Proportional
Reasoning
Other _____

Methodology

Qualitative
Quantitative
Mixed Methods
Large Scale Studies
Research Synthesis

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NCTM Research Conference Proposal Development & Review Criteria

Every proposal should adhere to the following section headers. Below each section header are relevant questions to guide your proposal development and review. Include “not applicable” for any headers for which this would be appropriate

1. **Perspectives or Theoretical Framework for the Research**

Considerations: What are the intellectual underpinnings for the work? Are the theories or ideas that are driving the study clearly articulated? Identify how the questions being investigated contribute to research in mathematics education or the linking of research and practice? To what extent does the research suggest and explore creative and original concepts?

(Research Report, Research Symposia, Poster, Discussion Session)

2. **Methods, Techniques, or Modes of Inquiry for the Research**

Considerations: Are your research questions clearly identified? Has the methodology been clearly articulated? Is the methodology or mode of inquiry appropriate for the research? Are the methods supported by the perspectives or theoretical framework? Is the sample identified and adequate?

(Research Report, Research Symposia, Poster)

3. **Data Sources or Evidence for the Research**

Potential Considerations: Are the sources or evidence drawn on in this study described or discussed sufficiently? Are the sources adequate and appropriate for the research? Are quantitative and/or qualitative data utilized in appropriate ways to answer the research questions?

(Research Report, Research Symposia, Poster)

4. **Results and/or Conclusions**

Potential Considerations: Do the results and/or findings address the research questions? How are the conclusions consistent with and flow from the analysis? Are the results/analyses situated within a broader context? Does the analysis of the data support the results reported?

(Research Report, Research Symposia, Poster)

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5. **Educational or Scientific Importance of the Research**

Potential Considerations: How does the work advance the knowledge and understanding within the area of mathematics education research or practice? How does the proposal address key issues in mathematics teaching and learning and/or connect research and practice?

(Research Report, Research Symposia, Poster, Discussion Session)

6. **Equity as a collective professional responsibility**

Potential considerations: How does the work advance equity as a collective professional responsibility of math education research? Are the stated connections to equity clearly consistent with the research questions, theoretical framing, methodological approach, results/conclusions **or** educational/scientific importance?

(Research Report, Research Symposia, Poster Session, Discussion Session)

7. **Organization of the Session**

Potential Considerations: How do you propose to organize the session? How does your presentation content fit the identified session design? How does the presentation allow adequate time and structure for participants' engagement?

(Research Symposia, Discussion Session)