



The Professional Impact of Research Projects on MSED Graduates

DEPARTMENT OF MATHEMATICS

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Workshop Objectives

- Feedback on survey (Qualtrics)
- Suggestions for professional dissemination of research projects by MSED Graduates



Data Discussed

- Reviewed MSED program requirements for research paper 2015-Spring 2020 (Thesis or Seminar Paper) and added MSED program research paper Fall 2020-present (Curriculum Project)
- Compiled MSED graduates contact information 2015-present (n=29)
- Collect data through survey (Qualtrics)



(Preliminary) Conclusions Reached

- Participation rate will depend on timing of survey (high school teachers/end of school year)
- Possible follow-up interviews (zoom) if needed
- Data collected will provide meaningful feedback for:
 - revision of research paper requirements
 - improvements is advising/directing of research papers
 - need for dissemination plan/requirement for MSED students/graduates



Items Chosen for Action

DATA TO BE COLLECTED

- Survey through Qualtrics



Follow-up Plans & Next Steps

- Finalize survey (May 17)
- Send survey (May 17)
- Analysis of data Fall 2024 (G.A.)
- Incorporate findings for next MSED cohort (Spring 2025)



Items that (MAY) Need Action at Higher Levels than the Department

- Funding for MSED students/graduates to disseminate research projects professionally (\$)
- Extended Graduate Program Faculty mentoring (workload/time/\$)



Questions?

- Our MSED Math team welcomes your feedback, questions, or ideas.



Survey

First Name

Last Name

What was your graduation date (e.g., FA22)?

Survey continued

What type of research project did you complete?

Thesis

Seminar Paper

Curriculum Project

Other

Was the research project helpful to your professional growth?

Yes

No

Please explain the rationale for your answer to the previous question.



Survey continued

How did the research project impact your instructional practices?

How did the research project impact student learning?

Which aspects of your research project have you incorporated into your classroom? Please describe in detail.

Survey continued

To what extent has your research project been disseminated?
(Check All That Apply)

Not at all

One student

Multiple students

Classroom

Colleagues

Professional learning

Other



Survey continued

Based on your experience, what changes would you recommend that we make to the research project experience?

If you have implemented your research project, what changes have you made to elements of the research project?

Are you still in the teaching profession?

Yes

No