

MARQUETTE UNIVERSITY
AGREEMENT OF CONSENT FOR RESEARCH PARTICIPANTS
Grit and Self-Regulation in Engineering Education: An Intervention via Community of Practice

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You have been invited to participate in this research study (referred as the “study” in this document) as part of your participation in the Community of Practice. Before you agree to participate in the research aspect, it is important that you read and understand the following information. Participation is completely voluntary. Please ask questions about anything you do not understand before deciding whether or not to participate.

PURPOSE:

- The purpose of this research study is to collect data regarding grit, self-regulated learning and the Community of Practice (CoP) of which you are a part. Throughout the course of the CoP, various surveys will be collected and pre and post-CoP interviews will be completed exploring experiences of the CoP.

PROCEDURES:

- Prior to beginning the CoP you’re asked to complete a confidence survey regarding your current teaching practices and level of awareness regarding elements that will be within the program. This survey will be collected using Qualtrics. You will also be asked to complete a one-on-one interview prior to beginning the CoP.
- At the end of the CoP you will be presenting initial ideas regarding grit and/or self-regulated learning activities to implement within a course. The researchers would like to collect observation notes regarding the presentation.
- At the completion of the CoP you will also be asked to share your level of confidence in your teaching practices, including incorporating grit and self-regulated learning in your course. This will be via a Qualtrics survey and interview.
- All procedures will occur online via Zoom or Microsoft Teams.
- You will be audio recorded during the interview portions of the study to ensure accuracy. The recordings will be transcribed and destroyed after three years beyond the completion of the study. For confidentiality purposes, your name will be recorded and will be removed during transcription.
- The surveys will take about 20 minutes of your time, and the interviews will each take about an hour of your time.

DURATION:

- Your participation in these research activities will align with your participation in the CoP, which is through fall 2021.

RISKS:

- The risks associated with participation in this study are no greater than you would experience in everyday life.
- Collection of data and survey responses using the internet involves the same risks that a person would encounter in everyday use of the internet, such as hacking or information being unintentionally seen by others.

BENEFITS:

- There are no direct benefits to you for participating in this study. This research may benefit other STEM faculty because we will have a better understanding of how to best support STEM faculty in their teaching roles.

CONFIDENTIALITY:

- Data collected in this study will be kept confidential.
- All electronic data collected will be kept on computers that are password protected and files will be password protected.
- The researchers anticipate using data collected up to three years after study completion.
- All audio files collected will be downloaded onto a password protected computer for transcription. All audio files will be deleted once transcription is completed and verified.
- When the results of the study are published, you will not be identified by name.
- Direct quotes from interviews may be used in dissemination of findings. You will not be identified by name.
- The data will be destroyed by deleting electronic files three years after the completion of the study.
- Your research records may be inspected by the Marquette University Institutional Review Board or its designees, and state and federal agencies.

COMPENSATION:

- You will be given a stipend upon completion of the CoP. Participation in the research aspect of the CoP is voluntary and will not affect your stipend if you complete the CoP.

VOLUNTARY NATURE OF PARTICIPATION:

- Participating in this study is completely voluntary and you may withdraw from the study and stop participating at any time without penalty or loss of benefits to which you are otherwise entitled.
- Data collected as part of the CoP will not be included for research purposes should you withdraw from the study (although you remain in the CoP).
- You may skip any questions you do not wish to answer.
- Your decision to participate or not will not impact your relationship with the investigators, Marquette University, or your own university.

ALTERNATVES TO PARTICIPATION:

- If you do not wish to participate in this study you can choose to remain in the CoP and all data collected will not be used for research.

CONTACT INFORMATION:

- If you have any questions about this research project, you can contact Dr. Somesh Roy (somesh.roy@marquette.edu), Dr. Amber Young-Brice (amber.young-brice@marquette.edu), or Ms. Jenna Lassila (jenna.lassila@marquette.edu).
- If you have questions or concerns about your rights as a research participant, you can contact Marquette University's Office of Research Compliance at (414) 288-7570.