

TIMES Tech Session

Summer 2016 Workshop

Overview

- ❖ What do you need to know about what your undergraduate student will be doing for filming and data collection for TIMES?
- ❖ Each content area has their own graduate research assistant (GRA) responsible for each undergraduate research assistant (URA).
- ❖ Your student **can and should** contact their respective GRA for technical and/or data collection support.

Graduate Research Assistants (GRA)

Nick Fortune

Differential Equations

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Muhammad Haider

Linear Algebra

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Rachel Keller

Abstract Algebra

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Support

- ❖ Filming
- ❖ Data
- ❖ iPad
- ❖ Google Drive
- ❖ Other

Filming

On selected days of filming your URA will film the entire class from a vantage point that:

- ❖ includes the whole room
- ❖ except non-consenting students
- ❖ and such that the URA can zoom in and out appropriately to ensure what is written on the board, overhead, projector, etc., is accurately and clearly documented for data collection

Data

- Types of data collection uploaded to Google Drive
 - Consent forms
 - The instructor disseminates and collects the consent forms and then gives them to the URA who then uploads them to Google Drive for the GRA.
 - Video of selected classes
 - Shots of student work
 - Student assessment (need coordination with instructor)
 - Syllabus (need coordination with instructor)
 - Homework assignments (need coordination with instructor)
 - Handouts (need coordination with instructor)

Data

- Data security
 - Videos deleted off iPad after being uploaded to Google Drive
 - Student assessment or work being uploaded means names are blacked out (not consent forms)
- Video data upload
 - Video of how to upload to computer from iPad will be shared with your URA
 - There is an issue with large files and PCs that will be discussed with your URAs

iPad

- After the study is over the iPad is yours to keep
- However, ALL pictures will be transferred!
- Up to you if you or URA holds on to iPad
- Apps
 - Google Hangouts & Google Drive
- Space capacity of iPad is 32GB, however, after the stock apps, software, and additional required apps, there tends to be between 24GB and 28GB.
 - Video of a full class takes up a lot of space!
 - Video must be uploaded to Google Drive and removed from the iPad before another class can be filmed.

Google Drive

- All data housed at NCSU via Google Drive
- Emails and passwords
 - Each instructor/URA has an email and password from NCSU
 - In your binder on the Tech Support page lists your assigned email, that you share with your URA, and the password
 - Do not use personal accounts (it will eat your Google data!)

Other

- ❖ URA can grade assignments (instructors' choice)
 - Usually instructors chose to have them grade
- ❖ PLEASE: Try to identify who your undergraduate research assistant will be and put us in contact with that person by August 1.

How to Participate in OWG

There is a document in your binder that outlines key practices on how to optimize the online working group.

Questions?