



# LEVERAGING ZOOM FEATURES IN A SYNCHRONOUS ONLINE WEB DESIGN COURSE

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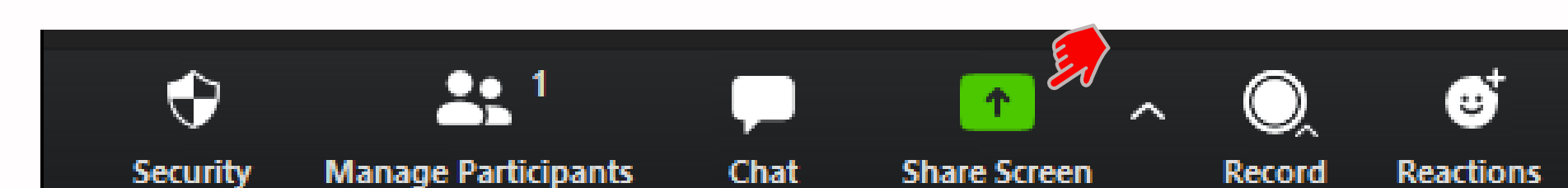
Department of  
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and Communications

## INTRODUCTION/ NEED FOR INNOVATION

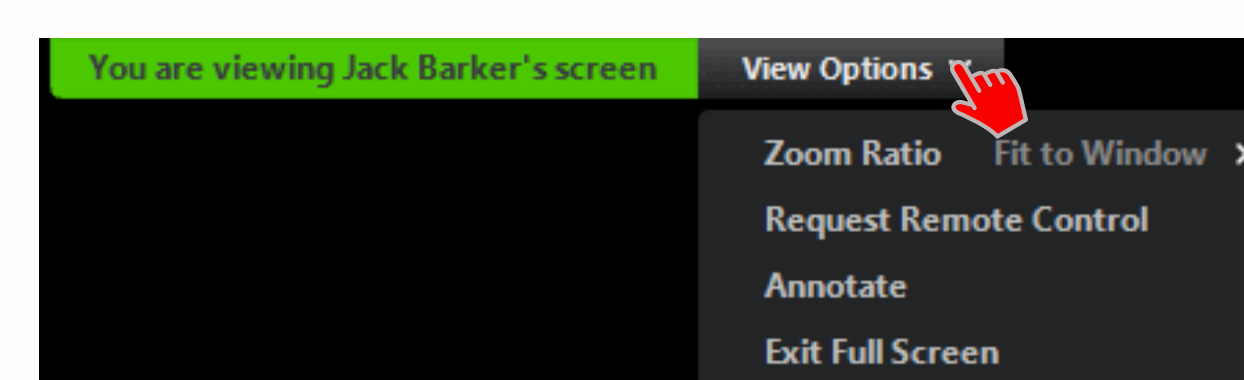
- Agricultural communication instructors teach many skill-based classes, such as **web design**, photography, graphic design, and layout (Cannon et al., 2016).
- Skill-based learning outcomes include skill compilation over time and automaticity in performing these skills (Kraiger, 1993).
- For students in web design classes, learning how to code can feel like learning a new language.
- COVID-19 caused a historically face-to-face web design class to move to an online-only modality, which presented challenges regarding instructor-to-student feedback.
- To overcome this, students attended a weekly, synchronous, online class where they could work through any issues they encountered in their pre-recorded lectures.

## HOW IT WORKS

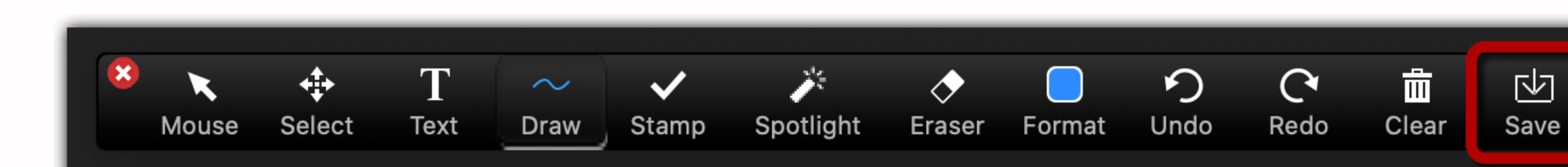
In these virtual class sessions, students with questions would **share their screen** through Zoom, allowing all attendees to see the student's screen.



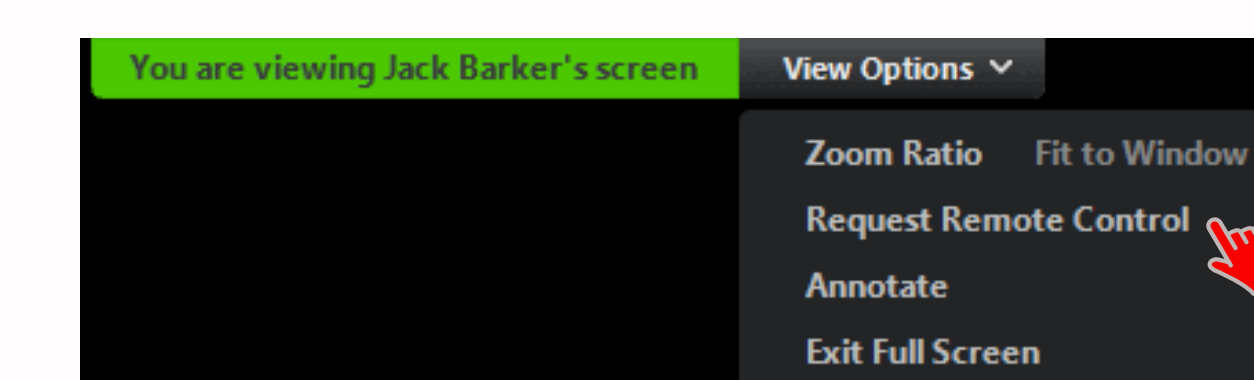
Select "View Options" screen to **access additional features and tools**.



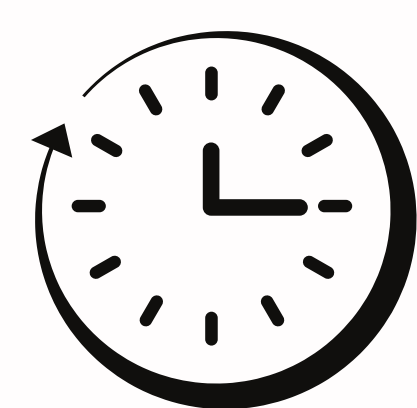
The "**Annotate Tool**" can be used to add text, lines, and stamps to the shared screen, allowing the instructor to highlight concerns or areas of interest.



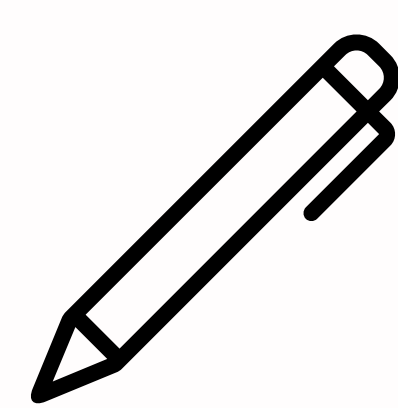
The "**Request Remote Control**" option allows the instructor to take remote control access of the student's computer.



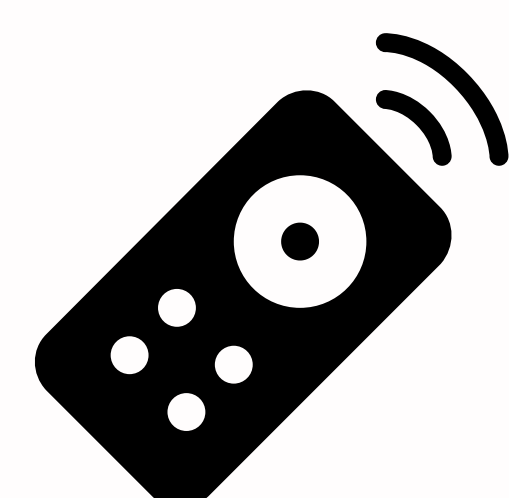
## RESULTS TO DATE/ IMPLICATIONS



Students appreciated the timely correction the Zoom tools provided.



Annotate tool used mostly in first weeks of class as students learned the software.



Remote control function used as students began needing direct assistance with coding or file management.

## FUTURE PLANS/ ADVICE

- Even in a face-to-face class setting, these tools **will continue to be used for virtual office hours and help sessions**.
- Record a session where a common issue is resolved and share with other students.
- Test features in advance to gain comfort using them.

## COSTS/ RESOURCES NEEDED

- Instructor will need access to more advanced features of Zoom included in the "Licensed Education" level of Zoom access.
- Good internet connection is required for all parties to allow for screen sharing and utilization of these tools.

### REFERENCES

Cannon, K. J., Specht, A. R., & Buck, E. B. (2016). Agricultural communications: A national portrait of undergraduate courses. *Journal of Applied Communications* (100) 1. <https://doi.org/10.4148/1051-0834.1018>

Kraifer, K., Ford, K., & Salas, E. (1993). Application of cognitive, skill-based, and affective theories of learning outcomes to new methods of training evaluation. *Journal of Applied Psychology* (78) 2, 311-328. <https://doi.org/10.1037/0021-9010.78.2.311>