



# Technology Support & Professional Development

Adam Fein, Vice President for Digital Strategy and Innovation

# Microphones in the Classroom

- DSI Tech supported spaces include at least one microphone
- Body pack microphone transmitters can be used general access (type 110) classrooms that are large enough to have such a system in place (approximately 90 classrooms).
- Where bodypack microphone sets are installed, the bodypack transmitter and microphone can be separated from one another (with the push of one button) and the microphones handled separately (sanitization).
  - [For Assistance with Microphones Contact DSI Tech \(dsitech@unt.edu, 940-565-2691\)](mailto:dsitech@unt.edu). We offer microphone deliveries to applicable spaces and “show and tells” for all supported spaces.

# Remote Capable Classrooms

- All general purpose (lecture) classrooms have at least one microphone, so instructors can allow students who may be in isolation to participate in class. In-person classes can also be recorded via Zoom and provided to students.
- Several DSI Tech supported learning spaces are a part of our ongoing efforts to enhance A/V in the room allowing anyone in the space to be seen and heard. (7 in BLB, 3 in Frisco, 1 in DP)
- Also, several spaces are a part of our ongoing efforts to implement higher quality cameras to achieve increased viewing angles. (7 in BLB, 5 in DP)
- Contact your department chair about remote instruction options in specialized classroom spaces. DSI Tech is happy to review the technology availability to aid you in your efforts.
- Useful resources and training materials can be found on the [Teach Anywhere site](https://classroomsupport.unt.edu/teaching-with-tech) or <https://classroomsupport.unt.edu/teaching-with-tech>.

# Technology Support

- DSI Tech (formerly known as Classroom Support) will continue to support your classroom technology needs.
- <https://dsitech.unt.edu/>
- [dsitech@unt.edu](mailto:dsitech@unt.edu) or [940-565-2691](tel:940-565-2691)

# Perch Points

- If you have a student that has a remote course immediately before or after your in-person class, you can let them know that there are designated “Perch Points”.
- Perch Points are rooms designated for students to use for remote instruction and will be located throughout campus.
- Rooms will be identified and have signage prior to the start of the fall semester. More information will be posted on the Return to Learn website in the coming weeks.

# Training

- COVID Safety Training Modules in Bridge: <https://unt.bridgeapp.com/>
- CLEAR Training Modules: <https://clear.unt.edu/getting-started-online>
  - Teaching with Tech in a Socially Distant Classroom:  
<https://clear.unt.edu/services/faculty-development>
- Live trainings week of August 17

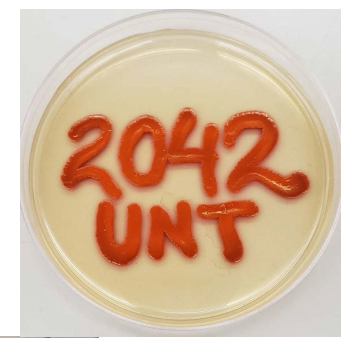


# Panelists: Speaking from Experience

**Roxana Hughes, Instructional Microbiology Lab Supervisor**  
**Christopher Melendez, Teaching Assistant**

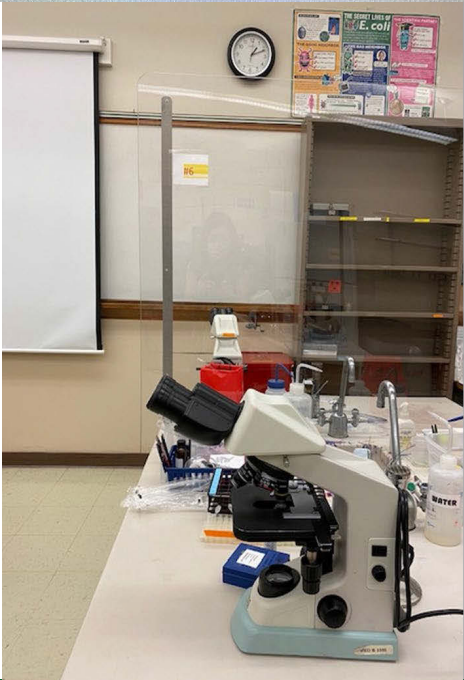
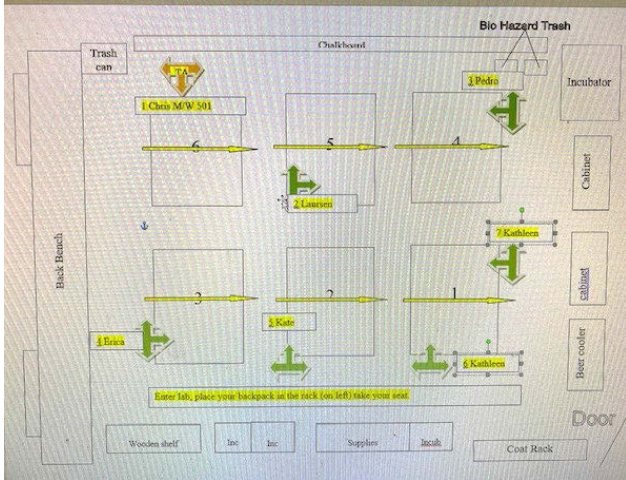


# Working in the Microbiology Labs





# Working in a Lab: Getting Ready to Start

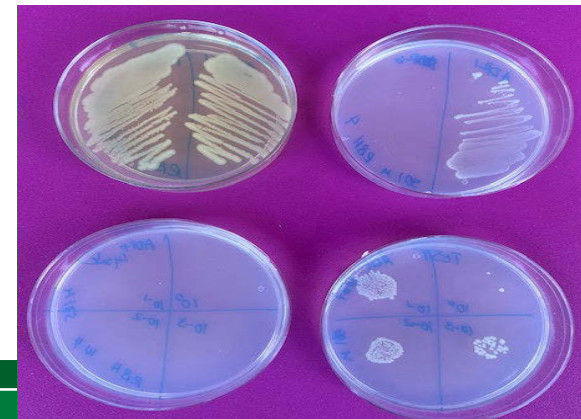


- Asked students if they have any condition that will require them to step out during lab. I placed these students closest to the door.
- Send the students a lab seating chart before the first day of class. (spaces clearly labeled)
- Send clear instructions about expectations in regards to following laboratory safety and UNT safety protocols including the use of masks, social distancing and staying in their workstations.
- A video was sent to students over how to proceed to enter the labs and getting to know the lab.
- Instructions on hand-washing (individual sinks on students' bench) and disinfection of lab workstations before and after completion of the lab work.
- Disinfection of microscopes
  - disinfect lenses with ethanol 70%
  - use Saran wrap



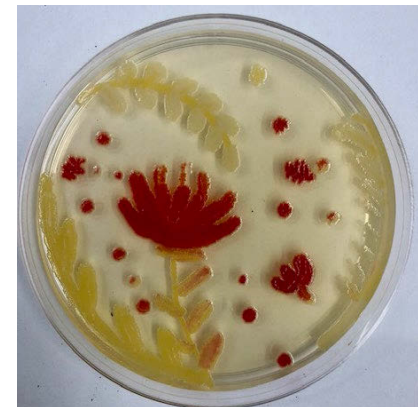
# Managing Labs

- Daily Pre-lab videos on how to perform the experiment and techniques were posted on Canvas for students to watch before coming to the lab.
- All the supplies such as culture media, stains, reagents, microscopes needed to perform the lab were placed in the students' workstations.
- Lab experiment techniques were modified as needed to make it possible for the students to work without having to leave their workstations.
- Laboratory results were sent to students that could not attend class.



# Tips for TAs/Student feedback

- **Tips for TAs**
  - Use the web cam
  - Arrive early and prepare workstation
  - Collect students experimental work after lab is done as needed
- **Students' feedback**
  - Feel safe
  - Lack of mobility does not hinder the learning experience
  - Enjoyed doing experiments on their own





# Christopher Melendez

## Advisor: Dr. Warren Burggren

- Teaching with a face-covering/PPE
- Student interactions
  - Student compliance with mask mandate
  - Interacting/engaging students while social distancing
- Student experience
  - Independence
- Factors (face coverings, noisy equipment, distance, etc.) that make it difficult to hear students that naturally speak at a low volume
- Students can hear the lab instructor

