



**April 9 - 10, 2021**

The background is a composite image. On the left, a person's hand is shown pointing at a laptop screen. On the right, a glowing green DNA double helix is superimposed over the scene. The overall color palette is dominated by blues and greens, with a dark blue banner at the bottom containing the main title. The text "00--00101---00" is visible in the middle ground.

# **2021 VIRTUAL CONFERENCE**

# Poster Competition

## Undergraduate Student Winners

# First Place Winner:

*Comparison and Evaluation of Two Sensors for Dynamic Measuring of Foam Level in Single-Use Bioreactors*

Crystal Fowler, Utah State University

# **Second Place Winner:**

*Electrocoagulation for Removal of Nitrates  
from FGD Wastewater*

Tallon Beckstrom, Utah State University

# Third Place Winner:

*Computational Model of Angiogenesis in  
Wet Age-Related Macular Degeneration*

Andrew Kjar, Utah State University

# Poster Competition

## Graduate Student Winners

# **First Place Winner:**

*Nucleotide Sugar Production by Engineered Yeast*

Shuyuan Zhang, University of Alabama

# Second Place Winner:

*Using Micropatterning to Control  
RPE Cell-Cell Detachment in vitro*

Chase Paterson, Utah State University



# Third Place Winner:

*Evaluation of Conductive Polymeric Scaffolds  
for Potential Bone Regeneration*

Damion Dixon, University of Georgia