



UConn IDEA Grant
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UConn IDEA GRANT RECIPIENTS SPRING 2020 - COHORT 15

Congratulations to the 33 students who have been awarded UConn IDEA Grants to support 2020-21 academic year projects.

INDIVIDUAL PROJECTS

Michaela Abate '21 (Art, SFA)
The IN/BETWEEN

S. Aanjali Allegakoen '21 (American Studies & Human Rights, CLAS)
When Rain Runs Red

Thomas Alvarez '23 (English & History, CLAS)
Ricky's Bar: An Original Screenplay

Erin Dennehy '21 (Political Science & IMJR: Law and Society, CLAS)
Public Perception of the Legitimacy of the Supreme Court: The Impact of Questionable Ethics

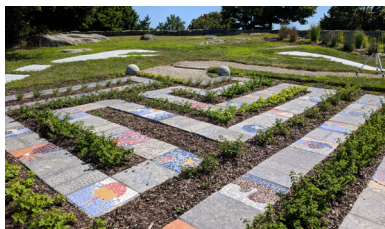
Meagan Goodridge '21 (Animal Science & Pathobiology, CAHNR)
Identifying Mycoplasma pneumoniae Protective Antibodies Using Proteomic Approaches

Emily Gribbin '23 (Biological Sciences & English, CLAS)
Leveling the Playing Field: An Exploration of Female Coaches within Collegiate and Professional Male Athletic Teams

Elena Haarer '21 (Molecular and Cell Biology, CLAS)
The Nuclear Option: Exploring Actin Cytoskeletal Functions in Cellular Aging Processes

Amelia Hurst '21 (Marine Sciences & Anthropology, CLAS)
Linking Human Activities to Coastal Water Quality in Southern New England: Past and Present

Anisha Jain '22 (Pathobiology, CAHNR)
Pathology and Prevention of Lean Non-Alcoholic Steatohepatitis: A Distinct Disease Regulated by FXR



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Funding for **original, creative, innovative**, student-designed projects including artistic endeavors, community service initiatives, research projects, entrepreneurial ventures and prototyping.

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Chad Jennings '21 (English, CLAS)
The Cancer Kid

Samuel Johnson '21 (Chemistry, CLAS)
The Design of Magnetically Responsive Charge-Transfer Emission Probes to Enhance Fluorescence-Guided Surgery

Maria Mandoiu '21 (Music, SFA; Anthropology, CLAS)
The Uneven Meter of the Romanian 'Soroc' Dance

Mehreen Pasha '22 (Molecular and Cell Biology, CLAS)
When Problems Become Solutions: Adapting Acvr1 Mutant Fibroadipogenic Progenitors (FAPs) to Repair Bone Fractures

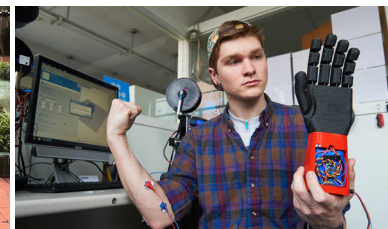
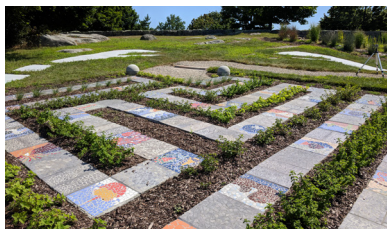
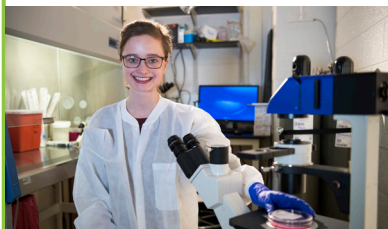
Lauren Rudin '22 (Exercise Science, CAHNR)
Fitbit-Derived and Self-Reported Sleep Quality and Gestational Weight Gain in Women with Overweight or Obesity

Elisa Shaholli '23 (English, CLAS)
Dis/Ability Passing: The Extent of Disability Concealment, Disclosure, and Claim in Type One Diabetics

Rinchen Sherpa '21 (Civil Engineering, ENG; Molecular and Cell Biology, CLAS)
Crack Detection in a Residential Building Using a Cost-Effective RFID Analysis

Elise Vanase '21 (Puppetry, SFA)
Remnants: A Post-Apocalyptic Puppetry Play

Kaitlyn Yeh '21 (Biomedical Engineering, ENG)
Bone-on-Chip: Engineering a Tissue Chip to Model the Human Bone Environment



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GROUP PROJECTS

Joseph Chenard '21 (Electrical Engineering, ENG)

Amit Eshed '21 (Biomedical Engineering, ENG)

Bryan Ziobron '21 (Electrical Engineering, ENG)

Functional Electrode Stimulation System for Precision Limb Coordination

Mukund Desibhatla '21 (Physiology and Neurobiology & Spanish, CLAS)

Vinayak Mishra '21 (Molecular and Cell Biology, CLAS)

UConn Podcast Symposium: Agents of Change

Zachary Duda '21 (Agriculture and Natural Resources, CAHNR)

Jonathan Russo '21 (Agriculture and Natural Resources & Sustainable Plant and Soil Systems, CAHNR)

Alyson Schneider '21 (Agriculture and Natural Resources, CAHNR)

Completely Connecticut Agriculture: A Documentary Film Series

Lily Forand '23 (Political Science, CLAS)

Mahitha Juttu '23 (Physiology and Neurobiology & Anthropology, CLAS)

Erin Wu '23 (Nutritional Sciences, CAHNR)

College: Unfiltered

Patrick Paul '21 (Chemical Engineering, ENG)

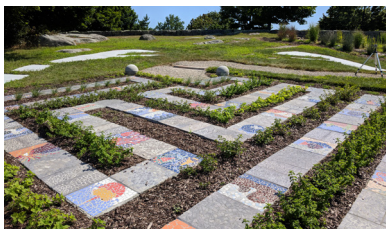
Justyn Welsh '21 (Chemical Engineering, ENG)

breathe.

Elisabeth Rothman '21 (Molecular and Cell Biology, CLAS)

Annushka Sewrathan '21 (Animal Science & Pathobiology, CAHNR)

Detection of Carbapenem Antibiotic Resistance Among Enterobacteriaceae Family in Mastitic Milk Isolates



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