



STUDENT SUSTAINABILITY COMMITTEE

Funding Award and Acceptance Letter

December 17, 2019

Project: Preventing window-strike bird fatalities with energy efficient window decals

Dear Mx. Sarai Stuart:

On behalf of the University of Illinois at Urbana-Champaign Student Sustainability Committee (SSC), I would like to thank you for considering the funds raised by the Sustainable Campus Environment Fee to implement a project that improves the sustainability of our campus. SSC is pleased to inform you that we are recommending to the Institute for Sustainability, Energy, and Environment (ISEE) that your project receives **\$78,000** in grant funding.

In order to remain eligible for this award, you must agree to the following conditions:

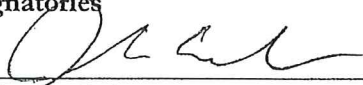
1. A final report of all work completed should be provided to the SSC Program Coordinator by **December of 2021**.
2. Project status updates and detailed account statements must be provided at the end of each semester, in the method requested, until the project is completed.
3. The Contact Person will be individually responsible for all official communication and the execution of this agreement.
4. The CFOP provided for this award shall strictly be used for the money awarded in this proposal.
5. Any substantial modifications to project scope, budget, or timeline must first be approved by SSC. These requests must be submitted in a formal letter to the Chair and Coordinator.
6. All projects will be expected to follow campus policies and procedures as well as any applicable State and Federal laws.
7. SSC reserves the right to revoke funding if the project does not comply with the terms and conditions outlined in this letter.
8. Any press releases or educational/promotional materials involving the project should acknowledge SSC funding.
9. Any signage involving the project or events surrounding this project should include SSC's logo and/or a statement of which fee funded the project. Projects must coordinate with SSC to ensure promotion appropriately highlights the SSC's contributions to the project.

If you agree to the terms and conditions for the funding, please sign on the designated line at the bottom of this letter. If you have any questions regarding these requirements please contact the SSC, at sustainability-committee@illinois.edu. You will be notified when the Institute for Sustainability, Energy, and Environment and Vice Chancellor for Student Affairs officially approves this project. Again, thank you for your interest in improving the sustainability of the University of Illinois at Urbana-Champaign. We look forward to working with you in the future.

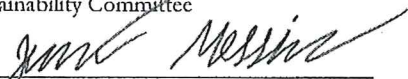


STUDENT SUSTAINABILITY COMMITTEE

SSC Signatories



Joseph Edwards, Chair
Student Sustainability Committee




Jonah Messinger, Treasurer
Student Sustainability Committee

Awardee Signatory

Sarai Stuart, 20 December 2019

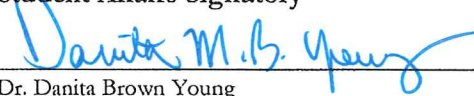
Sarai Stuart
Applicant

iSEE Signatory



Dr. Evan DeLucia, Director
Institute for Sustainability, Energy & Environment

Student Affairs Signatory



Dr. Danita Brown Young
Division of Student Affairs



STUDENT SUSTAINABILITY COMMITTEE

Project Information

Project: Preventing window-strike bird fatalities with energy efficient window decals

Funding Source: Sustainable Campus Environment Fee

Funding Amount: \$78,000

Receiving Campus Unit: Entomology

Unit Financial Contact: May Berenbaum

E-mail: maybe@illinois.edu

Project Description:

According to a recent study published in Science this past year, nearly one quarter of North America's total migratory bird population has been lost since 1970 (doi: 10.1126/science.aaw1313). Window strikes are the second leading cause of death of migratory birds, accounting for about 500-900 million deaths each year. Champaign-Urbana, IL is situated along the Mississippi Flyway, a major migratory route, making it a crucial highly trafficked waypoint for migrating birds. We completed a preliminary survey of bird window strike deaths at about 40 campus buildings during a 4-week period of the fall 2019 migration. Conservatively, we estimate that up to 2,150 birds die every year due to window strikes at the UIUC campus. Our estimate is extrapolated from a prediction that our survey counted only about a quarter of all bird window strike deaths because of limitations and difficulties in finding and collecting every possible bird carcass. We surveyed only a select sample of campus buildings. Many bird carcasses were taken away by scavengers (e.g., squirrels) and campus Facilities & Services cleanup crews before we could collect them. Birds often strike windows and land in areas we cannot reach to collect them (e.g., entrance overhang roofs), or do not die immediately and fly off and perish in a different location. Finally, our survey was conducted during only a portion (~50%) of only one of two annual major migration periods.

Our project's goals are to:

- 1) survey the UIUC campus for bird window strikes during fall and spring migrations
- 2) install bird deterrent window decals on the highest risk buildings
- 3) assess the long-term effects of window decals on bird window strike frequencies
- 4) use collected birds as educational resources.



STUDENT SUSTAINABILITY COMMITTEE

This proposal directly funds:

1. CollidEscape Guaranteed
2. Lift Rental
3. Bird Skin Workshop and Leaders
4. Labor