Introduction

- Up to one billion birds die each year by striking windows.
- Bird eyes do not interpret windows as solid objects.
- At Utah State, hundreds of birds die each year in bird strikes.
- One of the buildings that is responsible for a large portion of bird strikes is the Chase Fine Arts building.
- Fruit trees in front of the Chase Fine Arts windows cause a reflection which confuse birds.
- A reduction in window reflectivity greatly reduces bird strike problems.

Chase Fine Arts Building

- The Chase Fine Arts building has four large windowed rooms with a total of 1800 square feet of window space.
- The building is on a main road, and its windows are clearly visible, so the solution needed to look clean and unobtrusive.
- With a limited budget the solution also had to be cost effective.

Prevention Options

- SunShield Pros
- Window Decals
- CollidEscape Color
- CollidEscape Clear

Chase Fine Arts Windows

Frequency of Bird Strikes on Campus Buildings

Costs

- Sun shield pro is $2.85 per square foot for a total of $5,130 across all windows.
- Window Decals were $3.00 per square foot for a total of $5,400 for all windows.
- Collidescape Clear is $3.50 per square foot for a total of $6,300 for all windows.
- CollidEscape Color is $2.50 per square foot for a total of $4,500 for all windows.

Conclusion

- We suggested to the administration to use CollidEscape Clear.
- This option was the least obtrusive option for the Chase Fine Arts building.
- Although it was the most expensive option, it was what best fit the university’s requirements.