

Miniature Robots That Clean Windows Regularly

Client: Dr. Pam Brewer

Email: brewer_pe@mercer.edu

The problem: Dogs put nose and paw prints all over the lower windows every day. Client does not have the time to clean them every day. Ideally, the client would like a mechanism that would:

- attach to the glass
- be no more than 2 inches in diameter
- require maintenance no more than once a week
- clean the window daily
- cost no more than \$50 to manufacture.
- Project budget can be up to \$300

There are robotic window cleaners on the market, but they do not meet the above criteria. The ideal team would be made up of electrical and mechanical students.