

# 2019

Commercialization Award

## Best Overall Invention Disclosure

### Arctic Dual Hood for Heat Recovery Ventilation

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#### *Inventors:*

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and Rorik Peterson



- Cold Climate Housing Research Center (CCHRC) and Office of Naval Research support.
- Collaboration between CCHRC and College of Engineering and Mines student and faculty.
- Exhaust on current dual hoods freeze shut in cold climate conditions.
- Invention is a dual system that utilizes an actual hood on the exhaust stream.
- Prevents the rapid cool down of the exhausted air as it leaves through the exhaust grille.
- Prevents the condensation and freezing on the exhaust grille.

