

# 2017 Arctic Innovation Competition

# Winners

1st Place **Rick Stafford**  
**\$10,000**

## Airlite Inflatable Snowshoes

A pair of full-size, inflatable snowshoes that pack down very small, are light weight, and extremely puncture resistant while maintaining integrity at as low as  $-30^{\circ}$ . CNN introduced the Airlite as "... one of the coolest survival gadgets that would even impress MacGyver." This product has already caught the attention of the US and Canada military.



2nd Place **Bill Bonn & E.D. Industries LLC**  
**\$5,000**

## Extra Deckhand Automatic Line Coiler

A compact, cost-effective, and efficient coiling machine used for the coiling of long lines, pot lines, electrical cables, and hoses. This patented device is the only one of its compact size, weight, and design in existence that can automatically create vertically stacked coils while still being portable and easily deployable in confined spaces.



3rd Place **Cassandra Cerny & Nick Ferree**  
**\$2,000**

## Hide-a-Hitch

Can't find the right place for your ball hitch when you aren't using it? Tired of bruising your shins when you squeeze by it in the garage? The Hide-a-Hitch is simple to operate, easy to manufacture, doesn't decrease the towing capacity of the hitch, and fits most vehicle hitch receivers.



4th Place **Matthew Gruber**  
**\$1,000**

## Adventure Touring Bicycle Hub

Many people enjoy bicycle tours in wild areas of Alaska, Canada and the rest of the world. The weakest part of the bicycle is its rear wheel. This design creates a stronger wheel, and allows for the replacement of spokes without removing the cassette. Bicycle adventurers can pack their bikes with as much weight as they please without worrying about breaking down far from bicycle shops.



Meet the other winners 

# Honorable Mentions

# \$100

**James Bowler** Vertical Support System for Tyvek® Home Wrap

**Jerry Buethe** Roller Saver

**Steven Downer** Floor Plan Maker

**Karl Estadola** Counter Rotating Wind Turbine Generator  
Perimeter: Wegen Project

**Jonathan Gloria** T-Bone Grill Press

**Theo Graber** Delta-T Wood Stove Generator

**Chester Karella** Apps4Driving

**Roy Martin** Kenai Fish Cleaner and Filleter

**Susan McNeil** Plastic Environmental Mats

**Ralph Moore** Rotary Valve Cylinder Head

**David Parsons** Wilderness Access Vehicle

**Kate Schaefer** Emergency Management in FNSB

**George Sikat** Crude Solutions: Oil Recovery & Containment

**TJ O'Donnell** Tank Blanket

**Brandon Stevenson  
& Casey Jacobs** Bear Repellant/Air Horn Combo

**Stefan Tica** Athletic Shoes w/ LCD Screen

