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2012 Arctic Innovation Competition

Friday, October 19, 2012
UAF Wood Center Ballroom



UAF is an Affirmative Action/Equal Opportunity employer and educational institution.

UNIVERSITY OF ALASKA FAIRBANKS
School of Management

Order of Events

12:00 pm

Competitor Check-In

1:00 pm

Judge & Competitor Briefings

1:30 pm

Top 20 Semi-Final Round

4:00 pm

AIC JR.

5:00 pm

Final Four Presentation/Q&A

6:00 pm

BP Award Ceremony & Reception

Judges

Scott Bell

UAF Facility Services

Jon Bittner

Anchorage Economic Development Corp.

Brian Feucht

Alaska Manufacturing Extension Partnership

Eric Hill

Kinross Ft. Knox

Galen Johnson

UAF Community & Technical College

Ronald Johnson

UAF Engineering (Emeritus)

Frank Paskvan

BP

Paul Robinson

Robinson & Associates, PC

Jack Wilbur

Design Alaska

Mike Wright

Golden Valley Electric Association

Contestants & Ideas

IN ORDER OF PRESENTATION:

James Bowler

Vertical Support System for Tyvek Home Wrap

Bill Bonn

The Extra Deckhand Automatic Line Coiler

Stefan Tica

Athletic Shoes with LCD Screen

Roy Martin

Kenai Fish Cleaner and Filleter

Rick Stafford

Airlite Inflatable Snowshoes

Ralph Moore

Rotary Valve Cylinder Head

Chester Karella

Apps4Driving

Steven Downer

Floor Plan Maker

TJ O'Donnell

Tank Blanket

David Parsons

Wilderness Access Vessel

Kate Schaefer

Emergency Management in FNSB

Matthew Gruber

Adventure Touring Bicycle Hub

Cassandra Cerny

Hide-a-Hitch

& Nick Ferree

Nate Bauer

Counter Rotating Wind Turbine Generator

(for Karl Estadola)

Perimeter: Wegen Project

Jonathan Gloria

T-Bone Grill Press

Brandon Stevenson

Bear Repellant/Air Horn Combo

& Casey Jacobs

Susan McNeil

Environmental Mats - Plastic

Theo Graber

Delta-T Wood Stove Generator

George Sikat

Crude Solutions, Oil Recovery and Containment

Jerry Buethe

Roller Saver

1st place: \$10,000

2nd place: \$5,000

4th place: \$1,000

3rd place: \$2,000

16 awards of \$100

AIC Jr.

The UAF Arctic Innovation Competition decided to branch out this year, creating a junior division for ages 17 and under. Twenty-eight young innovators, ages 7 to 17, submitted their ideas.

The following are the top 3 ideas chosen to present at the final competition, in presentation order:



James Burrow
8 years old

James World

A car game with a multi-level game board. Each level contains different terrains and events. Includes special ability and action cards.

Matthew Velderrain
12 years old

The Thermal Suit

A snowsuit with face mask, gloves, and snow boots which is also heated by thermal wires.

Tristan Walker
12 years old

Tropicalski

Hand-warming ski poles and insulated gloves. The ski poles would contain a heating element and would work with specially-designed gloves.

1st Place \$500

2nd Place \$300

3rd Place \$200

Thank you to all the AIC Jr. competitors.

We look forward to a promising future full of innovation thanks to the creative thinkers like those who presented today.

Founding Sponsors

The UAF Arctic Innovation Competition is proud to recognize the sponsors who have supported the AIC since the beginning in 2009.

These sponsors have shown their commitment and have strengthened our collective resolve to promote innovation and open doors to the opportunities for economic development in Alaska.



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