



**2014 Arctic
Innovation
Competition**

Saturday, October 18, 2014
UAF Wood Center Ballroom

**UNIVERSITY OF ALASKA FAIRBANKS
School of Management**

Order of Events

10:00 am

AIC Main Check-In

11:00 am

Judge & Competitor Orientation

11:30 am

AIC Top 20 Semi-Final Round

1:00 pm

AIC Jr. & Cub Check-In

1:30 pm

AIC Jr. & Cub Orientation

2:00 pm

AIC Jr. & Cub Finals

3:00 pm

AIC Final Four Presentation/Q&A

4:00 pm

BP Award Ceremony & Reception

Judges

Jack Wilbur

Design Alaska **AIC JUDGES' CHAIR**

Jon Bittner

Alaska Department of Commerce,
Community, & Economic Development

Nick Ferree

PDC Inc. Engineers

Kathleen Hook

Doyon Utilities

Bharat Jhaveri

BP

Bernie Karl

Chena Hot Springs / K&K Recycling

Paul Robinson

Robinson & Associates, PC

AIC Main Contestants & Ideas

IN ORDER OF PRESENTATION:

Joshua Resnick

Arctic Lithium Energy System

Reggie Dallaire

Heated and Insulated Plumbing Coupling

Charlie Parr

Ground Control System for Drones

James Cameron

Receptacle Box Installer

Duncan Meyers

Insulative Material for Arctic Construction

Paul Carey

Hoop Hitch

John Bungart

Magnetic Drum Shoe

Ben Dobrovolny

Pole Snap

Gwyn Ostbloom

Basting Sheet

Michelle Strehl

Mitts That Fit

Becca Brado

Laptop Cat Cozy

Taylor Seitz

Flow Test Detect Shellfish Poisoning

John Miller

The Wylie Post

Wylie Rogers

Craig Compeau

Expandable Container for Diluted Liquids

Andrew Bogar

Mission Modules

Lyle Chesley

Safety Device

1st place: **\$10,000**

2nd place: **\$5,000**

4th place: **\$1,000**

3rd place: **\$2,000**

12 awards of **\$100**

AIC Jr. and Cub

This year the UAF Arctic Innovation Competition is hosting a Junior division for ages 13-17 and a new Cub division for ages 12 and under. Young innovators from around the world submitted 69 ideas to the 2014 AIC Jr and Cub Divisions.



1st Place \$500

2nd Place \$300

3rd Place \$200

Honorable Mentions \$25

Thank you to all the AIC Jr. and Cub competitors.

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

AIC Jr. and Cub Sponsor

The 2014 AIC Jr. and Cub competitions are made possible by a generous gift from Kinross Fort Knox.

KINROSS

Fort Knox

The following are the top 3 **AIC Jr.** ideas chosen for the **final competition**, in presentation order:

Adam Ripley
16 years old

Protex Tear-Detecting Latex Technology

This product is a tear-detecting latex technology known as Protex that can be applied to condoms and latex medical gloves.

**Dylan Storey &
Cameron Hartman**
13 years old &
15 years old

Ice Pack Band Aid

This idea is a product that has two ways of helping to treat flesh injuries - a bandage and an ice pack.

**Alan DeWilde, Liam
Chambers, Alyssa
Imbach, Jaidyn Crane**
13 years old, 13 years old,
12 years old & 13 years old

Build a Better Bus

This product redesigns the interior of the current school buses by replacing the large, overpowered heaters with smaller, lighter, and more compact heaters placed above windows at frequent intervals.

The following are the 3 **AIC Jr.** ideas chosen to receive **honorable mentions**:

Caleb Gorda (13 years old)

Ella Kuhn (13 years old)

Aaron Partnow (13 years old)

Conveyor Shoe

Berry Leaf Strainer

Voyager

AIC Jr. Judges

Terri Froese

Lisa Gentry

Julie Higbee

Chris Marok

TDL Staffing

KeyBank

Kinross Ft. Knox

Allstate Insurance

The following are the top 3 **AIC Cub** ideas chosen for the **final competition**, in presentation order:

Maggie Druckenmiller
12 years old

MagButtons

This idea, magnetic buttons, is for the elderly and people who have trouble buttoning up their shirts, dresses, jackets, etc.

Amanda Elliott
12 years old

Anti-Graffiti App

This is an Anti-Graffiti App that can be downloaded onto an iPhone or iPad, which will allow someone to report graffiti more effectively.

Lewis Enterkin
9 years old

Wood Stove Temperature Alarm

This idea uses a bi-metallic spring to open and close a circuit, which activates a buzzer when the stove gets too hot.

The following are the 3 **AIC Cub** ideas chosen to receive **honorable mentions**:

Riga Grubis (10 years old)

Kayla Tyree (11 years old)

Molly Wilson (12 years old)

Kieran Wright (12 years old)

Inversion Clock

Dog Booties with Suspender System

Doggie Doorbell

Book Locating System

AIC Cub Judges

Alissa Burns

Michael Campbell

Catharine Persinger

Kinross Ft. Knox

Ft. Wainwright Child Youth and
School Services

Fairbanks Resource Agency &
Cold Stone Creamery

AIC Quotes

"I love being a part of the AIC; it's a fantastic event. I'm excited to be a judge again this year and I can't wait to see the amazing ideas that make it to the final round."

Jon Bittner, AIC Main Judge
Alaska Department of Commerce

"I entered the AIC because I have many big ideas and inventions brewing in my mind. My dog loses his booties when he goes out in the snow. I decided I did not want to deal with that anymore. My invention is a solution to this problem. I am excited to compete in the AIC."

Kayla Tyree, an 11 year-old who traveled with her family from Anchorage to compete.

"I continue to be surprised by the diversity and breadth of ideas. These ideas may result in start-up businesses which are essential to our economy."

Jack Wilbur, Donor and AIC Main Judge
Design Alaska

"The AIC is unique because it offers a phenomenal forum for inventors to present and be free with their idea. It shocks me that more universities are not doing this."

Mickey Renkert, 2013 AIC first place winner with his Tape Boss idea, a hand tool that performs 7 functions including a cutter, taper, and a caulker. Target audiences are painters, contractors and do-it-yourselfers.

Photos taken by UAF photographer JR Ancheta will be available online on the AIC Facebook page.

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 Founding donor, supporting AIC since the beginning in 2009



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