

Bend Research Inc.

Innovators in Advanced Separations, Controlled Release & Bioprocesses

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FOR IMMEDIATE RELEASE

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Students' Inventiveness Challenged In Invention 2000 Contest

What will Central Oregon be like in 2100? Will the cities of La Pine, Bend, Redmond, and Madras be one large community sprawling along U.S. Highway 97? What will the economy of the area be like? Will tourism and agriculture still be important, or will industry supply most of the jobs? How will people in Central Oregon live in 2100? What will housing and transportation be like? What new inventions will make our lives different 100 years from now?

These are some of the questions posed to Central Oregon students in this year's Invention Contest—an annual creative science contest sponsored by Bend Research.

The Invention 2000 contest is open to all Central Oregon students in grades K-12. Contest entries may be submitted as pictures, models, dramas, videos, computer programs, or other media. Students may enter as individuals or in groups of up to three persons. Contest entries must be received at Bend Research by 5 p.m. November 17. Entries will be judged on originality, usefulness, and development of concept.

Those submitting the top entries in each age group will be awarded specially designed contest T-shirts and invited to a special Science Night presentation at Bend Research. Last year approximately 475 area students submitted entries and 40 received awards.

This is the ninth year that Bend Research has held the contest with the assistance of the Bend-LaPine School District. The idea for the contest came from a 1992 conference sponsored by the Jacob Javits Foundation. The goal of the conference was to build business-education partnerships to enrich students' educational experiences.

Bend Research, a scientific research and development company located in Tumalo, founded the contest to promote science education in Central Oregon.

For more information on the Invention 2000 contest or to request contest flyers, please contact the curriculum department at any Central Oregon school or call Kathy Pugh or Kevin Kane at Bend Research at (541) 382-4100.

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FOR IMMEDIATE RELEASE

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CO STUDENTS WIN INVENTERPRISE 2000 CONTEST

Cats may make great pets, but have you ever considered them as a home-heating resource? One Central Oregon second-grader suggests that a wall of live cats will work well to keep homeowners toasty in the year 2100.

This was one of many ideas advanced by Central Oregon students as part of Invention 2000, the annual creative science contest sponsored by Bend Research, Inc. For the contest, students from throughout the region laid out their ideas about what life will be like 100 years from now.

Some 415 students from public and private schools in Bend, Redmond, Prineville, LaPine, Paulina, and Sisters created more than 350 entries. The ideas—presented as models, posters, videotapes, computer programs, and reports—were judged on originality, feasibility, usefulness, and development of concept. Students in the first through eighth grades participated, individually and in groups.

According to the youth of Central Oregon, we can look forward to technological improvements in energy, transportation, and environmental management, as well as lots of handy gadgets in the next 100 years. According to students, 100 years from now, underground tubes may whisk us to our travel destinations. Above-ground travel may involve solar and magnetic hovercraft or track-based systems using satellite guidance systems.

Students also tackled new ways to address energy needs. In addition to wider uses of solar energy, Central Oregonians may harness lightning or use garbage to generate electricity, students say. Other ideas included using the solar wind to power spacecraft or a magnetic centrifugal accelerator to launch vehicles into space.

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Students even found answers to simpler problems. One proposed an automatic hand that converts speech or thoughts into words or drawings on paper. Another designed a pen equipped with a spell-checker.

Awards were given to the top entrants at each grade level. The 60 winners will receive specially designed T-shirts and will be invited to a special Science Night presentation at Bend Research.

This is the ninth anniversary of the Inventerprise contest, which is sponsored by Bend Research with assistance from the Bend-LaPine school district. The idea for the contest came from a 1992 conference sponsored by the Jacob Javits Foundation. The purpose of the contest was to build business-education partnerships to enrich students' educational experiences. The 60 award winners are listed below.

ELEMENTARY SCHOOL

Grade 1

- April Wheeler, *Juniper Elementary (Bend)*.
- Sam Jackson, Larry Farrington, Kevin McMahon, Omar Pacheco, Matthew Roush, Bear Creek Elementary (Bend).

Grade 2

- Brian Hoover, *Seven Peaks Elementary (Bend)*.
- Kevin Rosecrans, Manuel Wong, Loren Dow, Tyler Suran, Amanda Penner, Carl Johnston, Scott Fleischer, *Bear Creek Elementary (Bend)*.

Grade 3

- Lucas Estabrook, Brandon Tirrill, *LaPine Elementary (LaPine)*.

Grade 4

- Maria Ramirez, Samual Ramirez, Rachel Schneider, *LaPine Elementary (LaPine)*.
- Ashley Jacobe, Chris Lawrence, Miranda Paul, Macs Moran, Kyle Lincicome, Cameron Gabriel, Marissa Mueller, *Lava Ridge Elementary (Bend)*.
- Gus Eichner, *Paulina Elementary (Paulina)*.
- Taylor Audia, Aric White, Kasey Ziegler, *High Lakes Elementary (Bend)*.
- Sara McGarvey, *Bear Creek Elementary (Bend)*.
- Luke Wheeler, Jonathan Sonesen, Michael Bunker, *Juniper Elementary (Bend)*.

Grade 5

- Sam Hedeguard, Shahayla Johnston, *Evergreen Elementary (Redmond)*.
- Jordan Cartwright, Carly Jones, Kitty Leonhardt, Eric Richard, Neil Barnett, *Lava Ridge Elementary (Bend)*.

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Grade 5 (Continued)

- Jeremy Silver, Kirsten Svendson, Marta Lawrence, Geneva Poteet, Danny Leifer, Ross Studwell, Zach Sera, *Bear Creek Elementary (Bend)*.
- Todd Hagen, Andy Hackbarth, Colleen Peddycord, Rachael Wilson, *High Lakes Elementary (Bend)*.

MIDDLE SCHOOL

- Ford Bauer, Ezra Patterson, *Sisters Middle School (Sisters)*.
- Michael Forte, Dillon Sharlet, *Sky View Middle School (Bend)*.
- John O'Hollaren, *St. Francis School (Bend)*.
- Cody Bedartha, Kevin Leach, Russel Hendrickson, *Paulina Elementary School (Paulina)*.

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