

Young inventors take top honors

By Rich Harbert

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PLYMOUTH -

A team of young inventors from Plymouth Community Intermediate School has taken first place in a regional competition at Bridgewater State College.

Alex Corben, Francesca Lapsley, Jack McDonald and Jessica Morgan took best overall from the 27 projects presented at the 2008 Invention Convention June 6.



Photo by None
The Invention Convention team's project addresses a treatment for anorexia.
Image 1 of 2

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The winning inventors, students in Warren Phillips' Helping Others While Learning (HOWL) program, considered inventing shoes that fly and books that emit light before settling on a more important problem, a sensible treatment for anorexia.

The students' prize-winning invention is dubbed CNN.S: Carbon Nanotube Nutrition Sensors. CNN.S uses a color changing carbon nanotube bracelet with a tracking alarm and special patches on the underside.



Photo by None
This team of young inventors from PCIS took first place at the 2008 Invention Convention at Bridgewater State College.
Image 2 of 2

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Nanorobots implanted through the patch into the bloodstream would test the blood and release nutrients. The display on the bracelet would let the patients monitor their own health. Embedded radio frequency identification tags would also transmit the information to doctors and therapists.

The team's report acknowledges that some breakthroughs will be needed to bring the bracelet into production. But the basis is in place for everything to happen.

"CNN.S would make the road to recovery from Anorexia faster and less painful," the young inventors concluded.