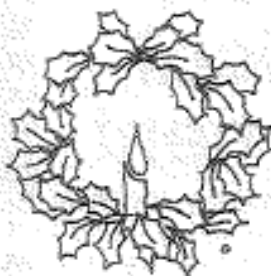
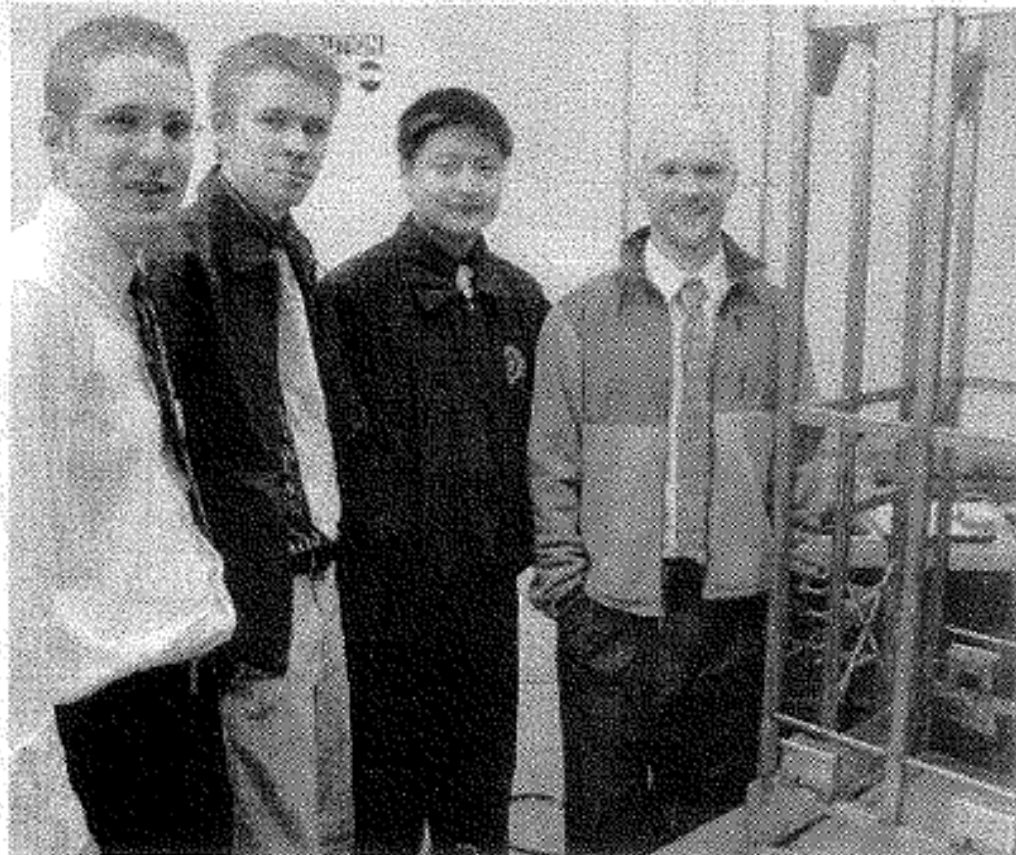




Bronze award

A bronze award was presented to the Dordt College engineering team of (from left) Greg MacLeod of Cedar Rapids, Dave Kielstra of Calgary, Alberta, Canada, Jon Vander Vliet of Sheldon and Andrew Kroeze of Orange City in the 2006 international competition sponsored by the James F. Lincoln Foundation.

(Photo submitted)



Engineering students win awards

SIOUX — Two senior design projects completed by six engineering students at Dordt College in Sioux Center have received awards in the 2006 international competition sponsored by the James F. Lincoln Foundation.

A bronze award (among the top six projects) was presented to the project completed by Dave Kielstra of Calgary, Alberta, Canada, Andrew Kroeze of Orange City, Greg MacLeod of Cedar Rapids and Jon Vander Vliet of Sheldon.

The team designed and built an automated prototype for a small fruit distributing company in Washington state. The purpose of the project was to automate the transfer and rinsing of berry flats, as well as design a complete sorting and stack-

ing system for their corporate sponsor.

An award of merit (presented to approximately 25 projects) was given to the project completed by Alex Haas of Hutchinson, Minn., and Chad Talsma of Bentley, Alberta, Canada. The project, "Designing a Cost effective Brushless DC Motor Controller" was proposed by their corporate sponsor.

Groschopp Manufacturing in Sioux Center challenged the design team to develop a less expensive, less complicated motor controller for brushless DC motors, which the team accomplished while spending just a third of their budget allocation.

The Dordt College bronze award team was advised by Dr. Matthew Dressler, while the merit award team was

advised by Dr. Douglas De Boer.

"This kind of national recognition speaks well for Dordt students," commented Dr. Ethan Brue, chair of the engineering department. "National competitions give us some benchmarks to compare the work our students do to the work done at larger programs such as Stanford, University of Illinois, Lehigh University, Worcester Polytechnic Institute, The Ohio State University, and others."

Projects submitted in the competition are judged by engineering professors from other institutions.

Links to senior design projects at Dordt, including pictures and video may be seen at http://www.dordt.edu/academics/departments/engineering/senior_design/.



Award of merit

An award of merit in the 2006 international competition sponsored by the James F. Lincoln Foundation was presented to (from left) Alex Haas of Hutchinson, Minn., and Chad Talsma of Bentley, Alberta, Canada, for their senior engineering design project at Dordt College.

(Photo submitted)

