

leave tenure. Appointments are for a minimum of one semester and a maximum of one year.

This is a residential sabbatical and participants must conduct research on site. Applications are accepted on a continuing basis, but should be submitted at least six months prior to the proposed starting date. For more information, visit www.asee.org/summer.

AWARDS

National Model Design Competition

For the third consecutive year, ASEE's Two Year College Division (TYCD) held the National Model Design Competition at the ASEE Annual Convention this past June in Albuquerque, N.M. The competition was open to engineering students attending two-year colleges as well as freshmen and sophomores attending four-year colleges. The objective was to build a battery powered vehicle from scratch that could climb a designated inclined track as quickly as possible. With remote controls prohibited from competition, each car had to navigate the track without input from team members. Other constraints included a \$300 price limit as well as a maximum size of 5x7x15 inches for the vehicles.

Student teams from all over the country spent months designing electrical and mechanical systems that they hoped would lead them to victory. Of the dozen teams initially registered, however, only three were capable of meeting the competition's demands and brought their cars to Albuquerque. The winner of the competition, Cedarville University, rode to victory through the use of optical sensors which navigated by following black electrical tape placed on the track to guide the cars. Cedarville's car was able to overtake the incumbent Tidewater Community College car, which came in third. Tidewater's car used infrared photo sensors for navigation, while Broome College's second place vehicle was programmed to race a specified distance forward before switching into reverse at the edge of the track to finish the last leg of the race backwards.

Guidelines have yet to be given for the 2002 competition at ASEE's annual conference in Montreal. According to Tidewater engineering program head Paul Gordy, the track is reported to be some sort of a maze. If you would like further information on this as well as past competitions, visit the competitions Web site at <http://www.tc.cc.va.us/studorgs/vbeng/ASEECAR/>.

The winning teams for the 2001 TYCD National Design Competition are:

FIRST PLACE TEAM:

College: Cedarville University (Cedarville, Ohio)

Student team members:

Robert "Bobby" Casity

Michael Walker (presented at the competition)

Chris Brown

Rich Lebbeda

Bonnie Hammond

Bryan Horton

Nathan Collier

David Corder

Silas Gibbs

Faculty Advisor:

Dr. Clint Kohl

SECOND PLACE TEAM:

College: Broome Community College (Binghamton, N.Y.)

Student team members:

Jason Riesbeck (captain)

Dave Myers

Jeremy Purdone

Faculty Advisor:

Robert Lofthouse

THIRD PLACE TEAM:

College: Tidewater Community College (Virginia Beach, Va.)

Student team members:

Robert Sereno (captain)

Justin Taylor

Craig Byl

Joe Concepcion

Randy Woods

Brett Byers

Craig Speed

Faith Wood

Faculty Advisors:

Paul Gordy

Steve Ezzell

