

Going Platinum

Regents Hall of Natural and Mathematical Sciences has earned platinum certification — the highest rating attainable — from the U.S. Green Building Council's Leadership in Energy and Environmental Design (LEED) rating system. Regents Hall is the largest and most complex academic facility in the nation to earn the prestigious platinum rating.

"Actions speak louder than words," says St. Olaf President David R. Anderson '74. "The LEED platinum designation for Regents Hall demonstrates, once again, St. Olaf's leadership among American colleges and universities in sustainability practices."



DAVID GONNERMAN '90

Computer Science 2012

When giants in the computer industry — including Google and Intel — put out a call last year for a new style of computing education, Dick Brown answered. An associate professor of computer science at St. Olaf, Brown's quick response earned him a \$200,000 grant from the National Science Foundation that puts him at the forefront of creating new curricular materials for a new era.

Rapid advancements in computer technology means that computer science professors and students must now work with "multicore" computers, says Brown. Previously, computing for multicore computers — known as "parallel computing" or "parallelism" — was only taught in a select few upper-level computer science courses. Today, it needs to be taught to all computer science students.

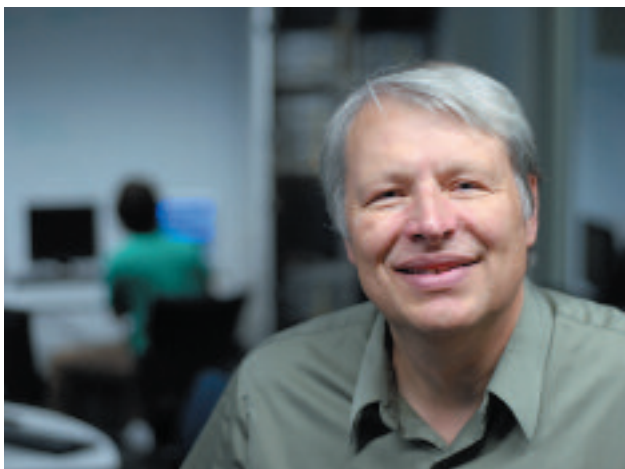
"Multicore computers are changing the way computing is done," says Brown, who is working with Macalester College Associate Professor of Computer Science Libby Shoop and three St. Olaf students to create new modular materials that can be plugged into existing computer science curriculum.

"Although this is definitely a smaller task than writing a whole curriculum," says Brown, "we believe our approach is actually more strategic, because it's more likely to be widely adopted quickly, which is what's needed." The new material will

translate the advanced concepts taught in these upper-level classes to make them easily digestible not only for beginning computer science students but also for teachers who have no background in parallelism.

A NATIONWIDE PROGRAM

Brown hopes to have the curriculum up and running at St. Olaf and Macalester, and launch the program nationwide, before January 2012. He says they'll focus on liberal arts colleges first, although the same technology can be just as easily used at larger institutions. In the spring, Brown and his students will present a workshop on teaching parallelism at a conference of the Special Interest Group on Computer Science Education Technical Symposium (sigcse.org).



DAVID GONNERMAN '90

Dick Brown is leading the nation in creating new computer science curricular materials. "The whole computing industry needs this kind of change."



PHOTO COURTESY OF LAUREN ARNESEN '11

Global Oles

After visits to Switzerland and Egypt, students on Global Semester stopped at The Roman Theatre (Odeum) in Alexandria and paused for a photo op, arranging themselves in an "O" ... for Olaf. The group continued their academic studies in India, Thailand, Hong Kong, China, and South Korea before returning to the Hill at the end of January.

According to the Open Doors 2009 *Report on International Education*, among all baccalaureate institutions in the nation St. Olaf had the most students participating in study abroad programs during the 2007-08 academic year.

Ole Athletes Wrap Up the Fall Season

Volleyball: The St. Olaf volleyball team ended a successful season (27-5) with a trip to the NCAA Division III tournament. The Oles were led by first team AVCA All-American selection Kim Smisek '11, a two-time All-MIAC pick who led the country in kills (4.93/set). Junior setter Kelly Prunty was an AVCA All-America honorable mention selection. Prunty, an All-Conference and first team All-Region selection with Smisek, led the MIAC and was second in the country in set assists.



Men's Cross Country:

The St. Olaf team had another solid season. They finished a close second at the MIAC championships, were third at the NCAA Central Regional, and earned a bid to the NCAAs where they finished 21st. Dubuol Ruon '11 was an All-American runner for the Oles, who had a trio of All-MIAC performers. Jacob Marotz '10 led St. Olaf with a fourth-place run at the league championships, finishing in 25:56.1, just over 30 seconds off the winning time.



Women's Cross Country:

The women's cross country team earned a bid to the NCAA championships with an ever-improving group of runners. The team had pair of top-ten finishers — Maren Westby '12 and Emma Lee '13 — as the Oles finished fourth at the MIAC championships. Westby was sixth and Lee ninth, with times of 22:58.7 and 23:12.5, to lead the team. St. Olaf had another All-MIAC runner, senior Abby Smith, who finished 14th in the event.



team. The Oles finished the season 13-5-2 overall and 7-3-0 in league play.

Women's Soccer:

The women's soccer team finished 11-7-0 and 6-5-0 in league play. Lindsay Howard '12 was named to the National Soccer Coaches Association of America All-North Region third team. Howard, an All-MIAC selection, had one of the best individual seasons in school history. The team had another all-league pick, Deanne Schmidt '12, who had four goals and three assists for an 11-point season.

Football:

The Oles finished the season 5-5 after suffering four straight one-possession losses in October and closing the season with two impressive victories. Leon Clark '12 led the offense, becoming the first 1,000-

yard rusher since 2001 and just the fourth in school history. Clark was a first team All-MIAC selection, as was senior defensive lineman C.J. Tabasky '10, who was named the MIAC's top interior lineman. The Oles had one other All-Conference selection in Adam Concannon '10.

Men's Golf:

The team finished fifth at the MIACs, led by Billy Utter '11 who shot a final-round 72 (E) to finish eighth. Chris Conclin '11 also fired a 72 in the final round, which was the best score on the day with four other players and finished 15th overall.

Women's Golf:

The team was fourth at the MIAC championships, led by Britta Hendrickson's All-MIAC sixth-place finish. Hendrickson shot a final day 81 at the MIACs, making pars on nine of her final 11 holes to shoot her best round of the championship.