

BIOEN Students Receive Scholarships

Scholarship

Incoming Freshmen

Alan Ritchey, Inc.
E.W. Schroeder
Jay G. Porterfield

Biosystems and Agricultural Development Fund

Wayne Elder
Travis Hurst

Continuing Students

Oklahoma Association of Electric Cooperatives
Oklahoma Municipal Power Authority
W.B. Johnston Grain Company
Lawrence O. Roth

Oklahoma Grain and Feed Association

Leon Crain Memorial
Nancy F. Giles
McKay Brothers

Recipient

Alena Liggett
Jennifer Wall
Joe Vadder

Shannon Parker
Robert Taylor

Richard Willoughby
Christopher Cross
Bron Howard
Erica Gaddis
Carson Kettner
Sherry Britton
Carly Washmon
Nathan Priest
Sheila Youngblood

Marigolds Provide Natural Food Coloring



Faculty in **Biosystems and Agricultural Engineering** are developing new harvesting and processing methods for marigolds. They hope to capitalize on the flowers' potential as natural coloring agent.

Biosystems and Agricultural Engineering researchers are working in conjunction with other OSU departments to bring a potentially profitable agricultural crop to Oklahoma—marigolds.

Marigold petals contain a large quantity of xanthophyll pigments, which can be used as a coloring agent for food products. Xanthophyll is a natural yellow colorant found in most plants.

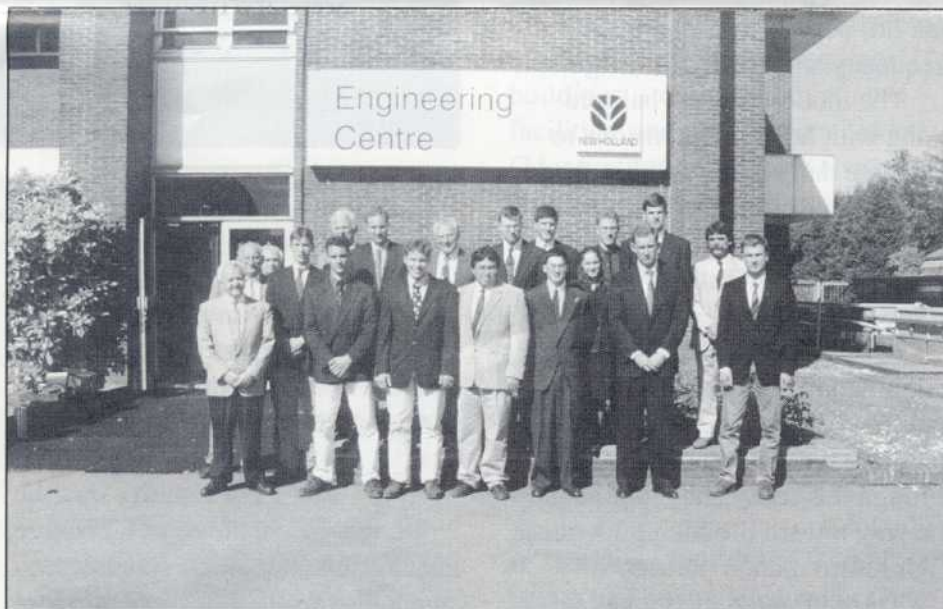
“John Solie, Richard Whitney and Michael Buser have been developing a harvester,” said Jerry Brusewitz, Biosystems and Agricultural Engineering regents professor. “On the other end, Paul Armstrong and graduate student Berry Britton are developing a thresher that separates the petals from the receptacle.”

This project was set in motion when OSU researchers determined that xanthophyll could be produced in Oklahoma. Xanthophyll is currently used as a feed additive for chickens and a coloring agent for dairy products. When used as a feed additive, the xanthophyll

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News Flash!

We've just completed our visit with the Accreditation Board for Engineering and Technology (ABET). They have reported that our program was found to have NO deficiencies. The official report will be out next summer, but we are expecting a full accreditation for the department.



The OSU-WAU 1996-97 Engineering Design Team takes time out from competition for a photo opportunity in front of the New Holland Engineering Centre at Zedelgem near Brugge, Belgium. Pictured left to right: Walther Pype (New Holland North America), Kees Muijs (New Holland Belgium), Bert Speelman (Head WAU Ag. Engr. Dept.), Lenno Vermaas, Mark Pluijmaekers, Henk de Vries (Professor), Jan Anne Kuipers, Tijmen Bakker, R.W. Whitney (Professor), Richard Tapto, David Holt, Clint Imel, Travis Tsunemori, Tammy Duke, Roand van Doremaele, Mike Vantrese, Brad Schaufele, John Posselius, Maikel Timmerman.