

Alumni Update

Name: _____

Degree and Date(s): BS () MS () PhD ()

Home Address: _____

Position: _____

Employer: _____

News to share: _____

**Please return to: Biological Systems Engineering Alumni Newsletter
460 Henry Mall, Madison, WI 53706
or e-mail information to:
BSE@facstaff.wisc.edu**

**BIOLOGICAL SYSTEMS
ENGINEERING UPDATE**
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UPDATE

*A Newsletter of the University of Wisconsin-Madison
Biological Systems Engineering Department*

Vol. 3

No. 1

—The Chair's Chips—

Last month we lost a long time member of our faculty, Stanley Witzel. He was a member of our faculty for 37 years, retiring in 1973. We always looked forward to Stan and Phoebe's annual holiday letter, which always updated us on their activities and health over the years, even in 1999. For more details of Stan's accomplishments during his professional career see page 2. A Stanley Witzel Memorial Fund has been established at the UW Foundation.

At this time, students and faculty are busy with numerous activities during this spring semester. Many of the students are designing and constructing the third University of Wisconsin-Madison one-quarter scale tractor. They will be competing May 19-21 in East Moline, IL against 25 to 35 other universities. The students have taken the 1998 and 1999 tractors to numerous shows and conferences including the Agricultural Equipment Technology Conference (ASAE) in Kansas City during February and the Small Engine Technology Conference (SAE) in Madison last fall.

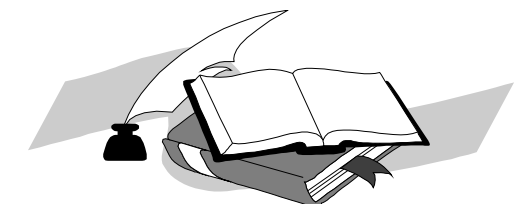
Several members of the faculty are actively planning the 2000 ASAE International Meeting in Milwaukee at the Midwest Express Center, July 9-12. Dick Straub is the general chair of the local arrangements committee. Numerous technical tours and professional development sessions are being planned. We need many volunteers during the meeting. If you attending the meeting and wish to volunteer please contact David Bohnhoff by phone at 608-262-9546 or by e-mail at bohnhoff@facstaff.wisc.edu.

For those attending the International ASAE Meeting, be sure to attend the University of Wisconsin-Madison social event scheduled for Sunday (July 9) evening or Wednesday (July 12) evening. You will have an opportunity to visit with faculty and other alumni and hear about the latest activities in the department. See the meeting program for the exact time and location.

Changes in our building continue with replacement of the flooring, painting and wood refinishing. Many other maintenance and repair activities are taking place. We continue to plan for some remodeling projects such as restrooms, classrooms and office areas. After these activities are finished, the building on Henry Mall will have a new look inside. At the same time, discussion of an addition to our laboratory has surfaced on the campus building plans. This addition will allow us to have our all offices at the laboratory on Elm Drive.

In closing, we owe a big thank you to many alumni, faculty and retired faculty and staff for your support during 1999. The BSE Campaign general campaign fund grew nearly \$60,000. Some of these funds were used to endow an Undergraduate Computer Laboratory Fund discussed elsewhere in this newsletter. Please keep us posted of changes in address and positions.

Sincerely,
Ronald T. Schuler
Professor and Chair



Alumni Update continued from page 5...

Martin Verhagen, BS Const. Admin. 1994
President/Owner
Old World Floors, L.L.C.
Madison, WI 53711
Phone: 608 276-6065

Prior to starting my business I worked in Japan for 3 months as "company superintendent" for a residential contractor building American style homes in Japan

Gary Vollbrecht, BSME BSAE 1968
Senior Gas Engineer
Pacific Gas and Electric Company
2114 Caulfield Lane
Petaluma, CA 94954
Phone: 415 973-6411
Email: GMV2@pge.com

Mark Waldvogel, BS in Ag Mech & Mgmt, 1992

Territory Aftermarket Manager
John Deere Company - Minneapolis
2109 Holt Ave. S
Sioux Falls SD 57103
Phone: 605/367-3569
email: mn52025@deere.com

Ruike Wang, MS in Mech Engr, 1989; PhD in Ag Engr, 1994

Senior Project Engineer
D.T. Hansford Automation
& Test System
Phone: 716/273-0719
email: ruike@hansfordautomation.com

Ruike Wang's company designs and manufactures automation assembly equipment. Ruike loves his job and learns a lot from it.

Virgil Waugh, BS in Constr Admin, 1976

Regional Sales Manager
Amwood Homes, Inc.
P.O. Box 311
Janesville WI 53547-0311
Phone: 608/756-2989

Todd M. Wehler, BS in Ag Engr, 1991; MS in Ag Engr, 1993

Design Engineer, Pixall, Ltd.
100 Bean St.
Clear Lake WI 54005-0017
Phone: 715/263-2112

Gerald Werth, Col., Ag Mech and Man. 1969

917 Operations Group Commander
USAF
2247 Middlecreek Blvd
Bossier City, LA 71111
Phone: 318 456-9743
Email:

Gerald.Werth@BAD.AFRES.AF.MIL
Responsible for Flying Operations which includes 1 squadron of 8 B52's and 1 squadron of 15 A-10's. I have 29 years in the USAF and Reserves (9years active)

Peg S. Whiteside, BS in Ag Engr, 1970; BS in Civil Engr, 1970

Project Engineer
Socon Engineering, Inc.
5799 River Road
Waunakee WI 53597
Phone: 608 / 849-4180

James C. Willgrubs, BS in Constr Admin, 1990

Automotive Technician
Tom's Auto Center
4121 Terminal Drive
McFarland WI 53558

Glenda Wilson, BS 1975

Regional Engineer-Rocky Mountain Region
USDA-Forest Service Region 2
17056 W. 71st Pl.
Arvada, CO 80007

During July 1998 transferred to the Director of Engineering position in the Rocky Mountain Region following 3 years as Asst. Director in Portland, OR.

Steve Winistorfer, BS in Ag Engr, 1983; MS in Ag Engr, 1986; MS in Bus, 1996

Technical Director
PFS & Teco Wood Products Co.
2402 Daniels St.
Madison WI 53704
Phone: 608/221-3361

Robert Wolfe, Ag Engr BS MS 1959-60

Professor Emeritus
Rutgers University
31 Wagner Road
Stockton, NJ 08559

Retires on July 1, 1999 after 29 years of teaching and research in Bioresource Engineering Dept. at Rutgers University.

Yap Soon Hew, BS in Ag Engr. 1985

Senior Project Manager
Malakoff Engineering SDN. BHD.
No. 49 Jalan USJ 18/2C
UEP Subang Jaya 47600
Selangor, Malaysia

Malakoff Bhd is an independent power producer in Malaysia that recently completed the Lumut Combined Cycle Power Plant.

Kenneth Zeier, BS in Ag Engr, 1980

M.S., P.E.
Dept. of Public Works
Woodland, City of
300 First St.
Woodland CA 95695
Phone: 916/661-5530

Thomas Zeier, BS in Ag Mech & Mgmt, 1977; B Bus Adm, 1979

Analytical Engineer
Lockheed Martin Tactical Aircraft Systems
email: tzeier@centurion.flash.net

Tom Zeier writes configuration management software for automation programming.

Dale Zielinski, BS in Ag Engr, 1970; BS in Mech Engr, 1970

Equipment Maintenance Superintendent
Young Brothers, Ltd.

Martha L. Zirbel, BS in Ag Engr, 1980

Project Manager
P.E., Licensed Site Professional
Metcalf & Eddy
(headquarters in Boston area)
email: Martha_Zirbel@air-water.com

Martha Zirbel manages the investigation and clean-up of hazardous waste sites and petroleum spills. She is a P.E. and licensed site professional. She would like to hear from alumni by e-mail.



THANK YOU

to our contributors
October 1, 1999-
January 31, 2000

Russell T. Lautzenhiser
David J. Lindsey
Middleton Fire Company No. 1
Jeffrey W. Nelson
Lynda Nelson
Daniel W. Noonan
John W. O'Connor
Edward J. Odgers
Daniel L. Pederson
Mark A. Purschwitz
James D. Rauwerdink
Doughlas J. Reinemann
Allan L. Remus
Ronald T. Schuler
Ganesh L. Shrestha
Kenneth A. Steele
Richard J. Straub
Stanley M. Vovos
Sarah M. Vovos
Patrick W. Walsh
Ruike Wang
Todd M. Wehler
William R. Witzel
Elizabeth R. Witzel
Robert R. Wolfe

Program Assistant Retires

Sandra Sekel, Program Assistant, retired January 31, 2000 with more than 37 years of service to the CALS. Sandra has been with Biological Systems Engineering since August 1995 answering telephones during the morning hours and assisting faculty and staff. Her future plans include travel and taking it easy. The department wishes her the best!

Food and Bioprocess Engineering Undergraduate Program Growing

The Food and Bioprocess Engineering (FPE) emphasis area of our undergraduate program has been growing over the past few years. In order to strengthen the support of the FPE area, it will be offered jointly by the Biological Systems Engineering (BSE) and Food Science (FS) Departments. Dr. Gunasekaran of BSE is working with Food Engineers, Drs. Etzel and Hartell in FS Department in formalizing the arrangement. The collaborative effort is expected to significantly increase student enrollment and placement for our graduates. A revised curriculum and a new information brochure will be developed soon. Currently, we have 20 undergraduate students enrolled in this area and we expect it to increase to about 50 in three to five years. The graduates from this area are finding many opportunities for engineering positions with companies such as Kraft Foods Inc., Cargill Inc., Frito Lay Inc., La Prino Foods and General Mills. For more information on the undergraduate program in the FPE emphasis area contact Dr. Gunasekaran(608-262-1019 or guna@facstaff.wisc.edu).

Students Participate In Co-op Programs

This semester, a number of students are participating coop programs throughout the Midwest. Following are the students who will be working on a co-op program during the spring semester and summer:

Phillip Barnekow, Cargill

Shawn Beach, Cargill

Jacob Holl, John Deere

Patrick Uhlenhake, Jacobsen

A co-op is an excellent experience for our student because they have an opportunity to see application of what they learn in the classroom and make the classroom education more meaningful. The students gain an excellent experience that is very helpful in selecting a position upon graduation and the employers learn much about the student as potential employee after graduation. If you have an interest in our co-op program, please feel to contact Ron Schuler at 608-262-0613 or by e-mail, rschuler@facstaff.wisc.edu.

Alumni Update

Thank you for continuing to send your business cards and information updates. We appreciate hearing from you! The business cards from our alumni are mounted in a display in the hall of Biological Systems Engineering. If you haven't kept in touch, please send us your business card and/or complete the form at the end of this newsletter.

Kevin Alft, Ag Engr BS 1987

Director of Advanced Control Systems
Division and Corporate Engineering
Vermeer Manufacturing Company
1415 W. 2nd St.
Pella, IA 50219
Phone: 516 621-7455
Email: alft@kdsi.net

I have found a progressive company in the midwest that is growing at a rate of nearly 20% per year. I joined the company 2.5 years ago to start their new electronics and software development division. It has been quite a challenge, but has been rewarding to lead a division from what started with me as the first employee and is now looking to have more than \$24 million in sales FY 2000.

John S. Balis, (NEED CLASS INFO)

Albemarle Plantation
20 Franks Creek Circle
Hertford, NC 27944
Phone: 252/426-3040

John S. Balis is finding retirement to be a great new adventure, especially Elderhostelling.

Thomas Barter, Ag Engr 1979

President
Kesley Electric, Inc.
15978 Kieth St.
Arlington, IA 50604-9316

Started company in 1982. Primary business focus is electric motor repair and distribution, custom control panels, and automated systems.

Kent C. Bublitz, BS in Cons. Adm. 1991

Project Manager
Newmark Homes
9248 Highland Creek Pkwy
Charlotte, NC 28269
Phone: 704/947-8797

Ryan Cairns, (need class info)

23237 Kerry St. NW
St. Francis, MN 55070

Jim Doornek, Ag Engr BS 1973

Engineering Manager
Western Products Div. Of Douglas
Dynamics Inc.
1721 W. Zedler Lane
Mequon, WI 53092
Phone: 414 362-3866

Employed at Western for 18 years. Married to Louise for 24 years. Two children Kevin and Jill. Kevin now a Freshmen at UW and a member of the marching band.

Kevin Doyle, BS 1996

Water Resources Engineer
Short Elliott Hendrickson, Inc.
4306 Tweed Dr.
Eau Claire, WI 54703
Phone: 715 720-6292
Email: kdoyle@sehinc.com

David H. Dupré, BS in Ag Engr. 1996

Hydrologist
U.S. Geological Survey
221 N Broadway Ave.
Urbana, IL 61801
Phone: 217/344-0037, ext. 3017
Email: dhdupre@usgs.gov

Tina (DeNardo) Dutcher, Ag Engr BS 1997

Quality Engineer
Wisconsin Investcast
105 Clement St. Apt. A
Watertown, WI 53094
Phone: 920 261-2114
Email: tdutcher@wi-investcast.com

Will be accepting Quality Manager Position within the company in April of 2000.

Todd England, Ag Engr BS MS 1990-91

Product Engineer
J-Star Industries
W5825 Hedrick Drive
Fort Atkinson, WI 53538
Email: tengland@jstmail.com

Todd England has been working with J-Star Industries for the past 7 years. J-Star specializes in feed and manure handling equipment for the dairy industry. Todd is married with 2 children.

Timothy M. Gavigan, BS in Ag Mech, 1993

Internet Coordinator
American Society of Agronomy
677 S Segoe Road
Madison, WI 53711
Phone: 608/273-8080
Email: webmaster@agronomy.org

Paul Geiser, Ar Engr BS 1989

Industrial Engineer
Wyandot Inc.
519 Gemini Dr.
Marion, OH 43302
Phone: 740 383-4031
Email: paul.geiser@wyandotssnacks.com

Myron Hillestad, Cont Tech 1974

Operations Department
LM Olson Construction
PO Box 979
Rawlins, WY 82301
Phone: 307 324-7151

Paul Hurtis, BS in Ag Engr, 1988

Division Engineer, Tillage Product
Development
CNH
757 Heritage Drive
Mackinaw, IL 61755
Phone: 309/359-8227
email: phurtis@casecorp.com

Paul Hurtis originally moved to central Illinois in 1989 to work for DMI, Inc., a short-line tillage company. DMI was purchased by Case Corporation Nov. 1998. In Nov. 1999, New Holland purchased Case Corporation (including DMI) to form the new corporation named CNH.

Arthur Johnson, BS 1951

Plant Engineer
Erie Mining Co. Hoyt Lake, MN
14013 E. Bruce Valley Ave. Apt 104
Brule, WI 54820
Phone: 715 372-8652

Retired in 1983 as a plant engineer from a taconite mine. Prior to that I worked as a design engineer at various companies in Minneapolis and St. Paul. Noe active in Veterans organizations.

Richard A. Junk, BS in Ag Engr. 1984

Design Engineer
Ark-les U.S. Controls Corp.
16955 W Ryerson Rd.
New Berlin, WI 53151
Phone: 414/782-7370
Email: rjunk@ark-les.com

Kevin Kirsch,

Earth Tech, Inc.
5122 Regent St.
Madison, WI 53705
Phone: 608 828-8156
Email: KEVIN_Kirsch@earthtech.com

Michelle (Ternus) Kohara, BS 1992

Medical Student
University of Colorado
1577 Valley View Ct.
Golden, CO 80403

Worked as a project manger for PCL Construction(Denver) and Lusardi Construction (San Diego) until May 1997.

Alumni Update

continued from page 4...

Kristopher D. Krause, BS in Ag Engr.

1983; MS in Ag Engr. 1986;
Senior Project Manager
RMT, Inc.
744 Heartland Trail
Madison, WI 53717
Phone: 608/831-1989 ext. 3178
Email: krisk@rmtmsn.rmtinc.com

Fred Kuhn, BS in Ag Mech. 1979

Project Engineer
Gehl Company
143 Water Street
PO Box 179
West Bend, WI 53095
Phone: 414/334-6676

Henry Lange, BSME MSAE 1964-69

Retired, Instr.
Deere and Co., MATC
N7239 Cty I
Juneau, WI 53039

Henry Lange also operates his own cash grain farm.

Tom Loehr, BSAE 1989

Project Engineer
Gehl Company
W1436 Old Town Hall Rd
Mt. Calvary, WI 53057

Married to Nancy and have 22 month old daughter Emily.

Scott McCartney, Ag Engr BS 1996

Design Engineer
John Deere Seeding Group
1718 Westminster Circle
Davenport, IA 52807
Phone: 309 765-7592
Email:
mccartneyscottc@jdcorp.deere.com

I left the combine business at Case IH for The John Deere Seeding Group.

Scott A. Mueller, BS in Ag Engr. 1987

Agricultural Engineer
Natural Resources Conservation
Service
138 S Iowa St.
Dodgeville, WI 53533
Phone: 608/935-2091 ext. 123
Email: scott.mueller@wi.usda.gov

Fred Miller, (class info)

Principal Consultant
ORACLE Corporation
312 Elm Street suite 1525
Cincinnati, OH 45202
Phone: 513/768-6864
Email: fwmiller@us.oracle.com

Daniel Osiedacz, BS 1997

PD Pump Product Manager
Fristam Pumps, Inc.
1615 Monroe St. #1
Madison, WI 53711

I have been running our new PD pump department for almost a year now. The job is more or less a Manufacture Engineering job.

Muhammad Panhwar, MSAE 1953

President
157-C Unit #2
Latifabad, Hyderabad(sindh), Pakistan
1992 Received President of Pakistan Award
"Sitara-e-Imtiaz" or Star of Excellence.
1999 received "gold Medal" for "Lifetime work on Sindh" from Taraqi Pasand.

Michael Pederson, BS 1983

Project Manager
Wisconsin Public Service
1735 O'Hearn Ln.
DePere, WI 54115
Phone: 920 433-5567
Email: mpeders@wpsr.com

David J. Pfeiffer, MS in Ag Engr. 1995

Product Design Engineer
Ford Motor Company
Mail Drop 558, Cube 1T-Y10
Dearborn, MI 48121
Phone: 313/317-7255
Email: dpfeiffe@mailhost.pd4.ford.com

Dale Quam, BS

Design Engineer
John Deere Seeding Group
1235 49th Ave. Ct. Apt. 103
East Moline, IL 61244
Phone: 309 765-7388

Email: quamdalea@jdcorp.deere.com
Started job with John Deere in October. Previously employed by The Case Corporation.

Aari Roberts, BS

Real Estate Appraiser
AJ Appraisals
314 S. 9th
Watertown, WI 53094-4818
Phone: 920 206-1045
Email: ajappraisals@gdinet.com
New baby: Maya Cecile Roberts.

Steve Rohleder

Staff Engineer-Drilling
Conoco
Menar Mulia 4th Floor 1367
Jakarta 10013, Indonesia
Phone: 62 021 524-1775, 522-2525
Email: steve.a.rohleder@idn.conoco.com

I have been working in Jakarta for 3 years. Have recently put in for a transfer to Puerto la Cruz, Venezuela.

John Ryan,

Land and Water Resources, Inc.
9575 West Higgins Rd. Suite 570
Rosemont, IL 60018

Robert Satori, (NEED CLASS INFO)

Mechanical Engineer
Manitowoc Cranes, Inc.
2401 S. 30th Street
Manitowoc, WI 54221-0070
Phone: 920/683-6329
email: bsatori@manitowoccranes.com

Joseph Schraeder, BS 1974

Retired
147 Hyer Ln #4
Whitewater, WI 53190

Steve Shervey, Const Tech 1976

Owner
Northwoods Architectural Associates
302 E. Thomas St
Rice Lake, WI 54868
Phone: 715 234-1161

Robert Smithyman, BS 1948

Farmer
1821 Resthaven Road
Rubicon, WI 53078

Virginia M. Stevens, BS Ag Engr. 1986

Sr. Maintenance Engineer
Georgia-Pacific Corporation
300 W Laurel Street
Bellingham, WA 98227
Phone: 360/752-6747
Email: vmstevens@gapac.com

Roger Thiel, BS in Ag Engr, 1993

P.E., Structural Engineer
Walters Buildings
(Jack Walters & Sons, Corp.)
6600 Midland Court
P.O. Box 388
Allenton WI 53002
Phone: 414/629-5521