



Automotive Technology *NEWS*

Pittsburg State University • Spring 2003 Edition

The Prize of the Century

The new 2003 Harley Davidson F150 SuperCrew pickup shown at the right will be given to one very lucky full-time student at the Pitt State Centennial "PittNic" on Monday, September 8th. The celebration will be held in the College Oval starting at 4:30 pm. The drawing for the truck and other prizes will be held at approximately 6:30 pm. The winners must be in attendance.

The truck is valued at over **\$38,000** and was donated to the University by the "**Midwest Ford Dealers Association**" based in Kansas City. Professor Ken Gordon was largely responsible for getting the donation with major assistance from former student and AT graduate (BST-69) Bob Balderston. Bob is a very successful Kansas City area Ford dealer.

Several other prizes will be awarded during the celebration. Another picture of the truck and details of the giveaway are available at www.pittstate.edu/truck.



The 2003 Harley Davidson Edition Ford F150 SuperCrew truck shown above was donated to the University by the Midwest Ford Dealers Association. Pitt State graduate Dick Kelly (BBA-71), owner of Merle Kelly Ford, Inc., Chanute, KS, is the current chair of the association.

Pitt State Automotive Technology junior to represent the United States in international automotive service competition

Rusty Brown, a junior in the automotive program will represent the United States in the international service skills competition held in St. Gallen, Switzerland in mid-June. He earned the honor by winning the Kansas contest in 2001 and 2002, and the U.S.A. national competition in 2001.

Rusty and Pitt State Professor Ron Downing will journey to Switzerland as part of the SkillsUSA-VICA team to represent the United States in this biennial competition. Professor Downing was also a trainer and mentor for the 2001 competition held in Korea where the USA earned the automotive service competition silver medal.



SAE students win cash at chapter meeting in Kansas City

On Tuesday, April 8, students from the PSU chapter of the Society of Automotive Engineers journeyed to Kansas City to participate in the Kansas City meeting of the SAE. The purpose of this trip was to make a presentation about the Pitt State student chapter and their current projects and activities. The two main discussion points were the Mini-Baja competition and the joint effort and alliance we have with Gyeongsan National University in Korea.

The KC Section members judged the presentations and gave cash awards to the chapters based on the results. Senior Chauncey Pennington from Louisburg, KS, and sophomore Jeff Stanley from Seneca, KS, made the presentation. Four student chapters in Kansas and Missouri were competing. Pitt State placed second and received a cash award of \$500 to be used by the student chapter. They were accompanied to the meeting by professors Roger Adams, Trent Lindbloom and Graduate Assistant Matthew Keller.

Fall Automotive Technology Newsletter by e-mail only

In order to reduce costs the fall edition of the "Automotive Technology Newsletter" will be distributed only by e-mail with a Word file attachment.

Many readers of this spring letter will also receive a hard copy by U.S. Mail.

Automotive Technology enrollment will again be near 300 in the fall

Three hundred or more Automotive Technology students are expected to enroll for the fall semester. This is about the same as last year when we first approached this record enrollment. Steps have been taken to assure that all new students enrolling in the BST automotive program will be able to enroll in at least one automotive course. **Enrollment will not be capped or closed in the four year BST program!**

Enrollment in the 2-year AAS technician-training program is presently at a maximum. Students wishing to enroll in the AAS program are being placed on a list for enrollment in August of 2004. Some students are completing various general education and support courses while waiting for placement in the technician-training program.

Korean/Pitt State Baja Team prepping for Midwest competition

The 2003 Gyeongsang National University Mini-Baja team is doing really well this semester. The students from our sister university in South Korea have been here since January. Their vehicle is just about complete and ready for racetrack testing. The early completion of the vehicle will allow the team more than a month to fine-tune and get ready for the competition held in Troy, Ohio June 5-8. The students recently went to Florida to watch the SAE Mini-Baja East event and to sightsee various parts of the United States. Graduate assistant Matthew Keller and automotive senior Chauncey Pennington are mentoring the students.

G.A. Matt Keller accepts teaching position with Fort Scott Community College/John Deere.

Matthew Keller, graduate assistant at Pittsburg State, has accepted a job with Fort Scott Community College as an Ag Tech instructor. Matthew, originally from Garden City, will teach several John Deere classes at the FSCC Career

Partnership Training Facility in Frontenac, KS located just north of Pittsburg.

Matt has been active in the Society of Automotive Engineers for four years, serving as Mini-Baja Chair and Social Committee Chair. Keller has also been active with the Mini-Baja program since his freshman year including one year as team captain, and another year as the organization president.

New instructors, new engines—very positive developments

New instructors Bob Schroer and Tom Dunakey are adding their expertise to PSU's diesel emphasis. This semester Dunakey is teaching the diesel fundamentals course while professor Bob Frisbee is on sabbatical. Tom will also teach diesel fundamentals next semester. The students are really enjoying Tom's diesel engine expertise. Bob Schroer is teaching the advanced diesel electronics/engine lab course. The students gained competence on the use of OEM service tools, Cat ET, Cummins INSITE, & Detroit DDDL in the classroom. Students were then challenged to fix bugs on the engines in the lab. Currently, students are working on setting up and making the newly donated Cummins ISX EGR engine operational. Students are doing similar work on the Navistar DT-466e engine lab trainer. Pitt State graduates Scott Ferguson (Cummins) and Ken Boyer (Navistar) were largely responsible for getting the engines donated to the University.

Detroit alumni chapter to meet on May 31st

President Tom Bryant and Automotive Technology Coordinator Ken Gordon are looking forward to attending a "Gorilla Gathering" in the Detroit area on Saturday, May 31st. The informal gathering will be held at Hines Park, Nankin Mills Shelter, near the airport.

Detroit area grads can make reservations by calling Alumni Chapter President Jamie Powell at 313 247 1633, or V.P. Chris Wilde at 734 652 5089 before May 22.



PSU President Tom Byrant is shown with Caterpillar and Martin Tractor Company officials at the donation of the MT-845 CAT Challenger to the University. This is the automotive program's "biggest" donation to date.

CAT D6R dozer being modified into first-class training aid

Student employee Justin Allman, junior from Bedford, IA, is working on developing laboratory activity guide sheets on PSU's new Caterpillar D6R fingertip controlled dozer. Justin is developing labs for students to learn transmission calibrations, and clutch pack and main pump pressures.

Justin is working on finishing his BST degree at PSU. He earned his associates degree in the Cat Think Big program at Illinois Central College in Peoria, IL.

The next project for the PSU diesel emphasis is to find a working space for the new MT-845 Challenger. Caterpillar and Martin Tractor donated the prototype rubber track tractor, and the prototype D6R to PSU. Martin Tractor provided the transportation for the Challenger and parts needed to make the Challenger operational. PSU alumnus Eddie Fox (BST 2002) and his father Ed Fox provided the transportation on the D6R from Peoria to Pittsburg.

Professor Gordon attends Southern California Gorilla Gathering

Pitt State President Tom Bryant, Foundation Director George Pickell, Alumni Association Director Ken Bateman, and Professor Ken Gordon all had the privilege of attending the Southern California alumni chapter

Automotive honor graduates announced at the College of Technology banquet

Craig Horstick from Richmond, KS, was chosen by the faculty to receive the "Eugene V. Gardner Outstanding Automotive Senior Award" for 2003. He is scheduled to graduate in December. The award is based on grade point average, extra-curricular activities, attitude and character. He received a plaque and certificate at the recent College of Technology Awards Banquet.

Craig attended high school at Central Heights in Richmond, KS. He was active in sports, the FFA chapter and the National Honor Society.

Craig obtained his passion for automobiles through his father and his personal work experiences. His father has been a John Deere technician for almost 25 years.

Craig will participate in an internship with John Deere this summer. He has high hopes that the summer goes well, because he could see himself being very happy while working for John Deere. He has shown interest in being a service writer for an automobile dealership like Wolfe Automotive Group, becoming a district or territory manager for many different companies, or starting on his master's degree right after graduation.

While Craig was trying to make a decision on what college to attend he looked at several mechanical engineering schools, such as Kansas and Kansas State, and the automotive program at Pittsburg State University. After carefully weighing his thoughts he chose Pittsburg State University. Craig said, "I came down to PSU one day for a college visit, and during my tour of the campus and of the technology program, I got this feeling that PSU was the university that was going to prepare me for a career that I would thoroughly enjoy. The facilities were awesome, and the faculty appeared very caring and helpful."

Craig went with that feeling and said it was one of the best things he has ever done.



meeting in March. A great time was had by all! It was really great to see the following automotive graduates at the meeting: Todd Bergeson (2000), Dan Bonawitz (1969), Jay Brown (2000), Robert Crotts (2000), Greg Ebbs (2001), John Heriford (2000), Jason Nunamaker (2000 & MS 2001), Randy Reida (1982), Karen Nordling Schiltz (1997) and Randy Schiltz (1997).

The president of the Southern California chapter is a Pitt State graduate and American Honda Vice President Dan Bonawitz. Dan earned his BSIT degree in 1969. He was honored by the Pitt State Alumni Association when he received the prestigious Meritorious Achievement Award in 1999.

Automotive graduates are major contributors to the success of the recent Foundation Phonathon

Automotive Technology graduates and their participating companies made a major impact on the success of the recently completed Foundation Phonathon. AT graduates and others called by the Automotive Technology faculty pledged over \$33,500 to this academic funds drive. This amount is 11.6% of the \$313,000 pledged to the University Foundation this year.

Automotive faculty volunteer callers Ken Gordon, Bob Frisbee and Roger Adams, for the second year in a row, were in the top ten most successful callers in receiving pledges. Automotive instructors

Tim Dell and Trent Lindbloom also called on behalf of the Phonathon. Thanks very much to all who participated! Your contributions are of great importance in keeping Pitt State and the automotive program competitive in recruiting and serving our many students.

Special topics course offered to farm show participants

An agricultural technology related workshop will be held at Pittsburg State University in mid-July. The class will be focused around the 4-State Farm Show, which will take place south of Pittsburg. The workshop consists of attending class Thursday evening, July 17th; touring the Farm Show Friday July 18th, and then back in class on Saturday morning, July 19th.

The course number for undergraduate credit is TE 403-83. Persons desiring graduate credit should enroll in TE 806-82. Please call 620 235 4176 (Continuing Studies) for additional enrollment information.

Scott Ferguson, Cummins, Inc., leads automotive technology advisory committee

Scott Ferguson is serving as the chair of the Automotive Technology Advisory Committee. There are presently 15 members on the Committee. The next meeting is scheduled for November 18th.

Other honor graduates recognized at banquet

The following 2003 calendar year automotive graduates were honored at the College of Technology Awards Banquet held on April 10 in the Jack Overman Student Center.

Outstanding Automotive Seniors (Cumulative GPA of 3.70 or better)

Adam T. Baker	Overland Park, KS
Kurt M. Reynolds	Coffeyville, KS
Brett C. Dyke	Wichita, KS
Joe R. Sears	Reno, NV
Marcial G. Gomez	Asuncion, Paraguay
Jeff D. Suderman	Hillsboro, KS

Distinguished Automotive Seniors (Cumulative GPA of 3.40 –3.69)

Dustin Gilges	Baldwin, KS
Christopher Roth	Pittsburg, KS
Aaron Lebovitz	Prairie Village, KS
Justin South	Overland Park, KS
Travis McClung	Arkansas City, KS
Jared Tarvin	Overland Park, KS
John Ochsner	Overland Park, KS



Please contact any of the following:

Office of Admission 620 235 4251 or 1 800 854 7488
Technology Studies Chair John Iley 620 235 4371
Automotive Technology Coordinator Ken Gordon 620 235 4378 e-mail— kgordon@pittstate.edu

Automotive Technology Faculty

Dr. Roger Adams	4386	Professor Clinton Carter	4826
Diesel Coordinator Dr. Robert Frisbee	4380	Instructor Tim Dell	4182
Instructor Trent Lindbloom	4198	Lecturer Tom Dunakey	4104
Lecturer Bob Schroer	4104	GA's Matt Keller & Scott Kunschek	4052

Automotive Service Technology

Professor Perry Cummins	4827	Instructor Ron Downing	4825
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Pittsburg State University Summer 2003 Short Courses Agricultural / Automotive / Diesel Educators

The College of Technology and the Department of Technology Studies is offering four two-day, 1-credit hour courses, which are primarily designed for regional automotive, agricultural, & heavy equipment educators. Other students are welcome on a first-come, first-serve basis. Students will enroll through the Office of Continuing Studies for either 1-hour of college credit, or on a non-credit basis. The tuition is \$99 for each two-day course for either 1-hour of undergraduate credit or no credit. Graduate students should enroll in the **TST 795**-course number at a tuition fee of \$134. Prospective students should call Continuing Studies at 620 235 4176 for details on the enrollment process.

AT 403-81	Current Topics in Technology (New 2003, 6.0L Powerstroke Diesel) presented by Ford Motor Co. (Grad students enroll in TST 795-81)	June 10–11 Tuesday & Wednesday 8:30-4:30
AT 403-82	Current Topics in Technology (General Motors OBD II) presented by AC Delco (Grad students enroll in TST 795-82)	June 12–13 Thursday & Friday 8:30-4:30
AT 403-83	Current Topics in Technology (Caterpillar's D6 Dozer) presented by Martin Tractor Company (Grad students enroll in TST 795-83)	June 17–18 Tuesday & Wednesday 8:30-4:30
AT 403-84	Current Topics in Technology (John Deere Tractors/Combines & Ag Tech Program) (Grad students enroll in TST 795-83)	June 19–20 Thursday & Friday 8:30-4:30

Dr. Robert Frisbee is the automotive faculty member coordinating the courses. Details on the enrollment and credit process should be done through Continuing Studies. Other questions or concerns can be addressed by Dr. Frisbee at: Phone 620 235 4380 or e-mail at rlfrisbe@pittstate.edu