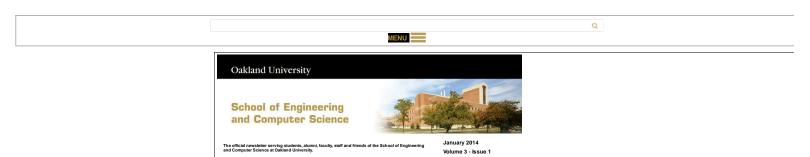
(http://www.oakland.edu/)



1 of 3 4/14/2015 9:06 AM

e American Society for Engineering Education (ASEE) reveals that Oakland University's School of and Computer Science has received some impressive marks.

"We are proud that our School of Engineering and Computer ranked fourth in the nation in terms of the percentage of women terruse/fleruse track facular," Lousy Chamra, Dean, School of Engineering and Computer Science, said: "A addition, we are very proud of our highly qualified female regineering facularly was more models for all of us and especially young girls seeking careers in engineering and computer science.

Laila Guessous, Associate Professor of Mechanical Engineering, was thrilled to learn about the ranking

The call the days when I was an undergraduate engineering statists. 10. Cuessos said. "I definit here a single fermal engineering probassor for any of the classes and was only the low for reader engineering statists in my class. Lestime that as women fauchy represent a higher percentage of engineering fauchy, it will be by make the School of Engineering and Computer's Science more velociming to women engineering studies who, undoutanest, contrius to be undergreement din engineering programs across the country—especially in Mechanical Engineering.

Dr. Guessous said the ranking has an impact on all students.

"increasing the diversity of the faculty body (a goal of the WISE @ OU (http://www.oakland.edu/ADVANCE) program, which Im deeply involved with), is important for all of our students as it allows them to be exposed to different ways of viewing and approaching engineering." Dr. Guessous said. "It better prepares them to work in an increasingly diverse workplace."

The Oakland University Formula SAE team was pleased on Thursday to accept a \$5,000 contribution to its competitive racing program from Chrysler Corporation.

The check was presented by Oakland University alumnus Jason Ryska, who serves as plant manager for the Chrysler Jefferson North Assembly Plant.

Also in attendance at Thursday's presentation event were alumni and Chrysler employees Denice Malinowski, Bruce Williams Jr., Stephen Parker, Greg Weber and Milke Turner, along with engineering professor and SAE mentor Brian Sangeozzan and members of the SAE team.

Oakland University School of Engineering and Computer Science Dean Louay Chamra and Associate Dean Lorenzo Smith also attended the presentation.

Rysks spoke fordly about his time on the SAE racing team at CU and said he was excited to be able to give something back. Both he and Charms encouraged current team members to aggressively pursus their goals and not to take "no" for an answer.

The OU team is currently ranked second in the state. Members say they hope that this contribution will help them take the top spot in the near future.



SECS extends partnerships with Chinese universities

In light of the success of partnerships between Oakland University's School of Engineering and Computer Science and Chinese universities Reijing, lisatoring University (B.T.II), Beijing Information Science and Technology University (B.T.II), and Changchun University of Technology (CCUT), SECS has extended its "2+2" undergraduate and "1+1" graduate programs to additional universities.

SECS now has partnerships with Zhengzhou University of Light Industry (ZZULI) and Qingdao Technologica University (QDTU), both of China.

About 45 undergraduate and graduate students from the existing partnership schools have joined SECS in the past two years. It is anticipated that, as a result of these newly formed partnerships, additional international students will join SECS in Fall 2014.

Engineering Center continues to take shape



The School of Engineering and Computer Science's new Engineering Center continues to come along nicely. This photo was taken recently from the Science and Engineering Building.

Engineering and Computer Science Brag Corner

News and notes from around the School of Engineering and Computer Science.

- Electrical and Computer Engineering department.

 Simon Omekonda, a Ph.D. candidate in the ECE doctoral program, was hired by Chrysler in the Advanced
- Powerfair Controls group.

 John F, Dodge frowwood Chair Professor Hoda Abdel-Alty-Zohdy gave a Tudralia at the 2013 EEE International Conference on Electronics, Circuits and Systems in Abu Dhab Lafe, December 8+11, 2013 Conference on Electronics, Circuits and Systems in Abu Dhab Lafe, December 8+11, 2013 Conference in Camp Professor Conference in Camp Professor Conference in Camp. Egypt. December 23-26, 2013.

Industrial and Systems Engineering

- Industrial and Systems Engineering

 The SE Engineer Adults's Advisory Department of the Section Calent is a Supervising Engineer at OTE Energy Co. and Clay Warren's Cypenstone Memoger as Reportment. The instance of the Department of the Section Calent Ca

Mechanical Engineering

Oakland University presidential scholar and Mechanical Engineering undergraduate student, **Ionut Claudia**Harta was one of the Oakland University students selected to present their research at the ration is Sigma X
Suderit Research Centerence on Newmeth 64: 2013 in Research Triangin Park. N. Claudiu Harta gas ea presentation fitted "Tabbogical Performance of Zizo-Oil Narofluida at Elevaded Temperatures," based on his research with uniform 64: publican Center of Zizo-Oil Narofluida at Elevaded Temperatures, "based on his research with uniform 64: publican Center 2015 on Journal Schall He is the Steps within grown on narofluid series."





ENGINEERING IN THE NEWS

Oakland University's Society of Automotive Engineers student chapter race cars displayed at NAIAS (http://automationalley.force.com/external/a Associate Dean Lorenzo Smith featured on WDIV Channel 4 to discuss sponsorship of official auto show app (http://s3.amazonaws.com/TVEyes WDIV_01-17-2014_12.18.12.mp4)

WW. Newsradio with Dr. Brian Sangeorzan: Making the grade—building a car that really moves (http://detroit.cbslocal.com/?podcast_url=http://
%/ZPwww.podrrac.com/%/Ptgsk%/Predirect_unp3/%/Price_podcast_play_infs/media/%/Pd/%/ZPd/

OUTREACH EVENTS
Register now for an upcoming camp or event.

Engineering and Computer Science Day (https://www.oakland.edu/apps/admissionsevents/default.aspx?category=CVE) 900 a.m. v. 2.00 p.m.

To learn more about outreach events and opportunities through the School of Engineering and Computer Science visit oakland.edu/secs/outreach (http://doi.org/10.1016/j.com

UPCOMING EVENTS

Chrysler sponsored: OU Men's Basketball vs. Cleveland State February 6th

National Society of Black Engineers (NSBE) Meet & Greet

February 19th 1:00 - 4:00 p.m. Oakland Center (Room TBD)

Detailed information about all upcoming events can be found at oakland.edu/secs/calendar (http://www.oakland.edu/secs/calendar).

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Electrical and Computer Engineering (http://www.oakland.edu/ece/)102A SEB Phone: (248) 370-2177 Fax: (248) 370-4633

Industrial and Systems Engineering (http://www.oakland.edu/secs/ise)653 SEB Phone: (248) 370-2989 Fax: (248) 370-2699

Mechanical Engineering (http://www.oakland.edu/secs/me)170 DHE Phone: (248) 370-2210 Fax: (248) 370-4416

Academic Advising (mailto:secsadvising@oakland.edu)159 DHE Phone: (248) 370-2201 Fax: (248) 370-2084

The School of Engineering and Computer Science is always interested in hearing from our alumni. E-mail us a few lines about your latest job, ac (mailto:prawdzik@oakland.edu).

when in the summer of 2012 he box part in the NSF and Dept. of Defense Aunded Research Experience for Undergodiadtes program on by Professor Lails Quessous and Professor Glan Zou in the department on Mechanical Engineering of Oskhard University.

- Associate Professor Glan Zou received a grant from General Motors: "Fretting Fasigue in Engine Block (Phase 8)". P Clan Zou, General Motors, \$44,386.06, (2013-2015)

- Distinguished University Professor Styped Nassar has brunched a two-year long effort to publish a new

- Distinguished University Professor Sayed Nasaar has laurched a two-year long effort to publish are we disastrom tourbook 6864 "Fastering and Joining Engineering," within its interned for the acting graduate and undergraduate crustes on the book subject in academia, twe will as to serve as a comprehensive deal, reference for industry and scientific agencies in the US and world-wide. The reverse twictook will be published by a highly recognized US-based global publisher forwards for the publisher forwards for the publisher forwards for the publisher forwards for the publisher of the publisher of the publisher of Botta publisher of Botta and Botted Joints," (SBN 0-8247-9977-1, John Bickford and Sayed Nassar, co-editors, 1998).

- *Handbook of Boths and Bothed Joines, ("GBN 0:682-67-9977-1_John Bickford and Stayed Nassas, co-editors, 1999).

 In December, 2013 Professor Lianxiang Yang received a \$22,000 grant from Surbou Gas Equipment & Valve Manufacturing Company (China) for a project sided "Staylo on he valve of gas insulating pinit and insulating flating of equipments," a \$16,000 grant from Ford Motor Company for a project sided "30 Displacement Measurement on he in-lable and orbital valves in Vergin;" and a \$10,000 grant from Chyplet ICC for a project "Improvement of Expanded Laser Beam in the Frontal Area System," respectively.

 *Do *Namy was insulated by SPE* Neusroom to Spring his research group's recent innovative developments in Digital Disacrography for fast non-destructive testing under dynamic loading. SPE* Newsroom is a technical review website to generate by SPE*—Net retrained Society for Digits and Protectors. The Newsroom invities only top researches in their fields to write bechnical sincises and breaking news which are cubied from around the world. Or. Yang was interested SPE*—Net referenced SCI Journal of English Version of Chinese Journal of Mechanical Engineering" to write a review pages 1864 "Review of Electronic Speciele Pattern Interferometry (SSPI) for Three Journal of Linnary 2014.

 *Sponsored by OU grant of Linnary County of Specieless Chinese Specieless (Specieless). Valves of year professor of year in the professor of the Nature of Sind Nearous (Specieless). Valved by year perceived SCI Journal Counterfeat and Mechanical Characteristics of the Nature of Sind Nearous (Specieless). Valved by year perceived SCI Journal Counterfeat and Mechanical Characteristics and Nearous (Specieless). Valved by year perceived SCI Journal Counterfeat and Mechanical Characteristics and Nearous (Specieless). Valved by year perceived SCI Journal Counterfeat and Mechanical C

- based multi-camera digital image correlation: Nethodology and its application in large area high temperature measurement in a peer-reviewed SCL Journal: Optics 8. Laser Technology. Dr. Nan XU, undersider Dr. Yang, Cele



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3 of 3 4/14/2015 9:06 AM