

## Medical student wins awards in 2 national competitions

Oakland University William Beaumont School of Medicine Class of 2017 medical student Flo Doo, earned awards in two national competitions this spring allowing her to express her passion for the medical profession beyond the usual paths.

### MCAT Video Competition

Doo won a national competition where she created three videos that would assist medical students to prepare for the revised Medical College Admission Test (MCAT) schedule to be issued in 2015. Doo's entry was one of 12 chosen from a total of 500 from across the country including medical students from Columbia University Medical Center and Georgetown.

### Mac-OU INC Positive Impact: "Business Accelerator Fund Program"

The Macomb-OU INCubator is currently the top business accelerator in garnering State of Michigan Business Accelerator Fund (BAF) dollars to assist client companies. Committee-approved applications total \$360,072 with 12 out of 13 applications approved for a 92-percent approval rate. The next top two accelerators have 86- and 62-percent approval rates for committee-approved applications.

These BAF awards are distributed by the Michigan Small Busi-

ness Development Center (MI-SBDC) through the Macomb-OU INCubator to the various accelerator service providers. As these awards demonstrate, the Macomb-OU INCubator is successfully delivering specialized business acceleration services to companies commercializing advanced technology. The BAF is a 21st Century Jobs Fund Program managed by the MI-SBDC in partnership with the Michigan Economic Development Corporation and Michigan's network of business accelerators.

"Between kindergarten and med school, I've always gravitated towards teachers who really engaged me," said Doo. "I hope to share my love of learning and teaching to future pre-med and medical students."

The Association of American Medical Colleges (AAMC) partnered with the Khan Academy, a not-for-profit organization that offers free online educational resources to students, and the Robert Wood Johnson Foundation on this project.

Doo's videos run four to seven minutes long and are modeled after the Khan Academy style of video instruction. As part of her award, the Khan Academy flew Doo to San Francisco to participate in a week

long visit to learn more about producing videos.



### Google Glass Challenge

Doo launched her award-winning ways during a "pitch-off" at Google headquarters in Boston where she presented her idea, the "FoveOR," during the finalist level in the Medtech Boston's Google Glass Challenge. The "FoveOR" would integrate software with the Google Glass to transmit important radiographic images to the operating room surgeon wearing the glasses. Her innovative use of Google Glass would eliminate distractions in surgery.

"My idea provides an integrated display to surgeons in the operating room during procedures so that they don't have to take their focus away from the patient to view information on multiple screens," said Doo.

Doo was the first and only medical student among the 13 finalists. She won the Freedom Nation Award that secures her a 20-minute consult with the White House Innovation Fellows, Tom Black and Nayan Jain.



## **Community College Partnership Program saves students' tuition, time**

Oakland University students are finding a way to save money and complete their degrees faster through the school's Community College Partnership Program. The program allows students joint admission and concurrent enrollment at both OU and one of their community college partners. The partners include: Macomb, Mott, Oakland and St. Clair County Community College.

Students enjoy numerous benefits through these partnerships, including the flexibility to take courses at one or both institutions at the same time, expanded course selection and timely completion of associate and bachelor's degrees. The real appeal of the program, however, is the significant cost difference at the community college level.

Upcoming senior, Samantha Siljanovski, participated in the Macomb 2 Oakland (M2O) program and experienced significant savings. "I would highly recommend the M2O program," she said. "The program saved me roughly \$4,800-\$5,400 and it allowed me to save my GPA from difficult courses such as Calculus and Biology.

Siljanovski also added that the program helped her by enabling her to take four classes at OU while also taking a fifth class at Macomb, helping her complete credits faster and for less money.

Another OU senior, Scott Milke, participated in the M2O program as well as took 58 credits at Macomb. He saved over \$12,000. He says what drew him to the program was that he didn't have to worry about classes transferring to OU when he was done

at Macomb. "I didn't have to think, 'what if this class doesn't transfer over to my major?' Or something like that," Milke said. Instead I was enrolled at both schools and was given the freedom to take classes at either institution."

The deadline to apply for the Community College Partnership Program for the fall semester is July 1, while the deadline for the winter semester is October 1. Students can earn OU credits by passing community college courses with a 2.0 GPA.

More information can be found at [oakland.edu/ccp](http://oakland.edu/ccp) or by calling (800) OAK-UNIV.

## **Industrial and Systems Engineering Students Talk About Their Internship Experiences**

Oakland University's Industrial and Systems Engineering (ISE) Department is well positioned to give their students interesting opportunities to gain work – and sometimes life – experience. Through a variety of unique internships, ISE students are utilizing their engineering skills in challenging and thought-provoking ways.

Though working at a theme park may not seem like a natural outlet for Industrial and Systems Engineering, senior Kimmy Romstad has spent most of 2013-2014 doing just that. She began an internship with the Industrial Engineering Department at Walt Disney World in the 2013 fall semester working with the Food and Beverage team at the park to try to create a more lean and efficient operating system. She was offered a second opportunity to work at the park, this time in their Creative Costuming and Entertainment division for a the

2014 winter and summer semesters. Romstad hopes it leads to bigger things in the future. She also mentioned that Disney often hires out of their intern pool, so perhaps a full-time job at the company could come from her experiences.

Another engineering student with a unique experience was Industrial and Systems Engineering senior Anthony Sciuto, who worked with NASA last year. Sciuto was responsible for calculating probabilities of various occurrences, which in turn, helps predict the spare parts that will be needed on the International Space Station. He applied reliability engineering in his day-to-day work, and believes that this experience will be helpful to him when he enters the job market. This summer, he is interning with Amazon in Arizona.

ISE senior Kayla Owens has had multiple internships during her time at Oakland. After an on-campus freshman year internship studying friction and wear, Owens took a summer position the following year with Comau Inc., where she was able to get firsthand knowledge of machines and processes. This summer, she will be interning with General Motors.

"These experiences will be beneficial to me in the job market because I will have gained so much more knowledge that just from the classroom," says Owens. "Granted, learning about all the different programs and statistics in school will definitely help, but getting on the job training and experience is something that cannot be taught in the classroom."

To read more Industrial and Systems Engineering students' internship stories and learn more about Oakland University's Industrial and Systems Engineering program, please visit [oakland.edu/ise](http://oakland.edu/ise).

# State and National Headlines

## Research shows college work-study programs generally benefit students

Dive Brief:

- A new study by the National Bureau of Economic Research in Cambridge, MA, finds that college student employment subsidies provide generally positive effects on degree completion and employment.
- According to the study, the positive effects of employment subsidies are largest for lower-income students and students with lower SAT scores.
- According to the study, students enrolled in the largest employment subsidy program, Federal Work-Study, have a 3.2% improvement in bachelor degree completion six years later and a 2.4% improvement in employment six years later.

*Education Dive*  
July 29, 2014

## Georgia launches campaign to help young adults finish college

State officials launched a program Tuesday designed to help young adults with some college credits complete their degrees.

The program is part of a push to achieve a statewide goal of having 250,000 college graduates by the year 2050. To reach that goal, as many as 90,000 Georgians would need to return to college and complete their degrees, said Hank Huckaby, the chancellor of the University System of Georgia.

The national nonprofit organization Complete College America has projected that by 2020 more than 60 percent of jobs in Georgia will re-

quire a college certificate or degree, but only 42 percent of young adults in the state currently have these college credentials. About 1.1 million Georgians, ages 25 to 64, have some college credit but have not completed a degree.

“In order for Georgia to remain economically competitive, we must have an educated workforce, and focusing on college completion is one way we intend to do that,” Gov. Nathan Deal said.

The “Go Back. Move Ahead.” program’s goal is to provide these students with a simpler enrollment process, flexible ways to transfer earned college credits and a personal academic adviser. The program establishes a call center for interested students looking to re-enroll at a state institution, provides assistance in selecting the right school and offers individualized help once they get there.

The program builds on a three-year, \$1 million grant, announced in June, that Georgia will receive for a program to help the state’s colleges and universities provide better monitoring of and advising for its students.

*The Atlanta Journal-Constitution*  
July 29, 2014

## Higher education gets a nearly \$15 million boost

The joint budget committee approved a \$14.7 million, 6.2 percent increase in state support for colleges and universities this morning, including \$400,000 for a second year of law school in Boise.

The total 2015 higher education budget tips the scales at \$498.6 million. That includes \$251.2 million in

state general fund support and \$247.4 million in tuition and student fees.

The legislative appropriation doesn't include another \$800 million or so in grants, contracts, gifts or revenue from team sports and other auxiliary events.

The State Board of Education decides how much general fund support goes to each of the four state-funded colleges and universities.

However, the 2015 budget appropriates \$400,000 specifically for the University of Idaho to launch the second-year curriculum at its Boise law school.

Budget-writers also included \$2.76 million for all four institutions to hire staff in bottleneck programs and implement other changes to help implement the state board's goal of having 60 percent of all Idahoans age 25-34 have a post-secondary degree or certificate by 2020.

The \$251 million in state support is the largest higher education budget since fiscal 2010, but it's still well below the \$285 million approved in fiscal 2009.

*Imtribune.com*  
March 6, 2014

## IN: State unveils "15 to Finish" campaign

The Indiana Commission on Higher Education launched '15 to Finish' campaign this week, an effort designed to stress the importance of taking 15 credits each semester in order to graduate in a timely manner. In order to help students finish on time, colleges and universities



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### State and National Headlines *CONTINUED*

are providing discounts for the summer term, as well as free summer housing. Indiana will also be introducing a degree map starting this fall. State financial aid reports indicate that 33 percent of state students take a full 15-credit courseload each semester.

*Indiana Public Media*  
*July 28, 2014*

**U.S. Senators: Higher ed should  
be a high priority for states**

Dive Brief:

- Democrats and Republicans on the U.S. Senate's Committee on Health, Education, Labor, and Pensions are in agreement that states should take the lead role in paying

for and overseeing public higher education.

- At a higher education hearing last week, Sen. Tom Harkin (D-IA) called the decline in state higher ed spending over the last few decades "a stunning abdication of responsibility," the Chronicle of Higher Education reported.

- Sen. Lamar Alexander (R-TN) blamed rising Medicaid costs for the spending decline, saying that the federal government should help states and public higher ed institutions by cutting regulations on federally backed research. It was also suggested that the federal government should simplify the financial aid process.

*Education Dive*  
July 28, 2014