



**University of Idaho**

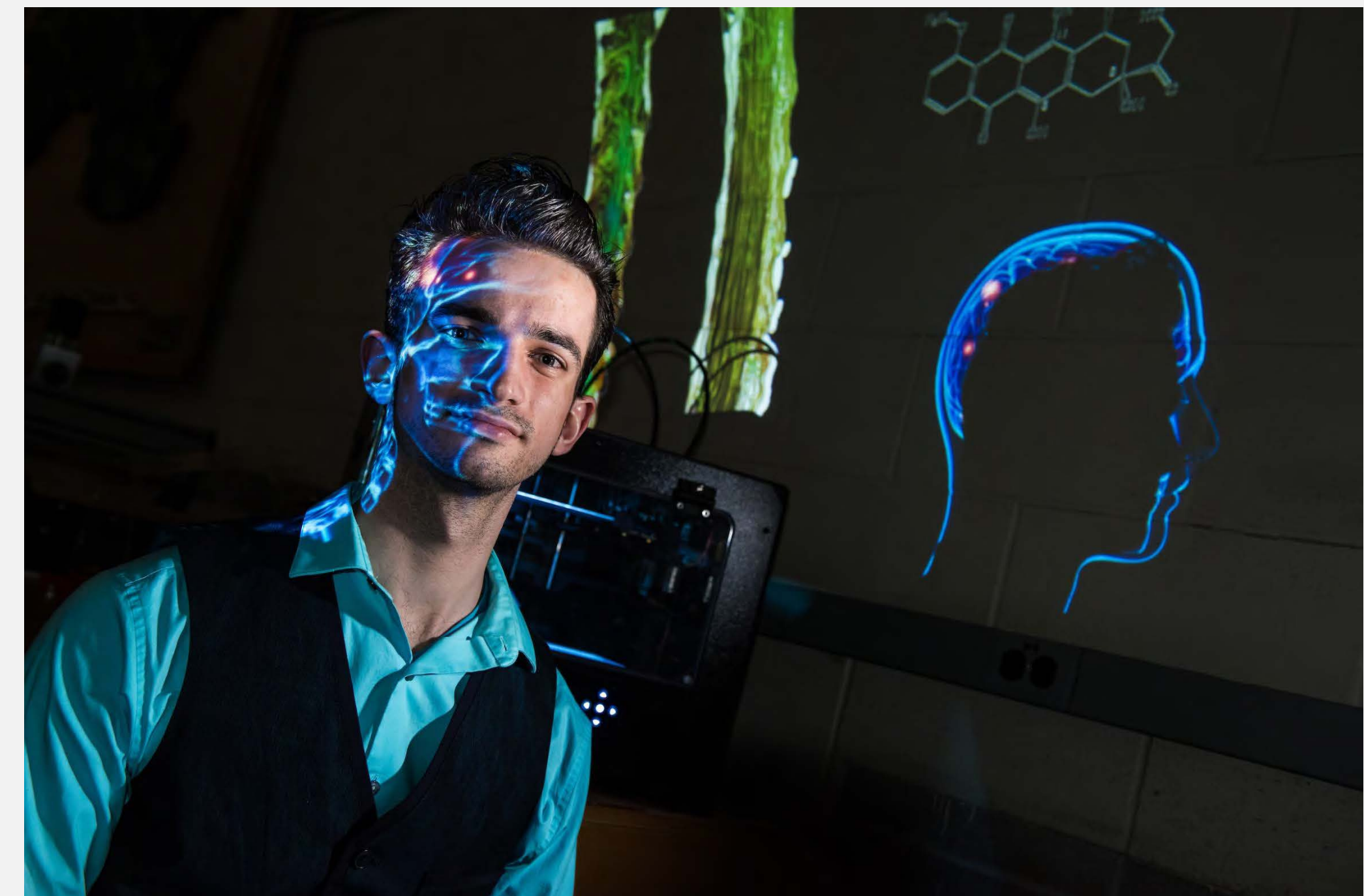
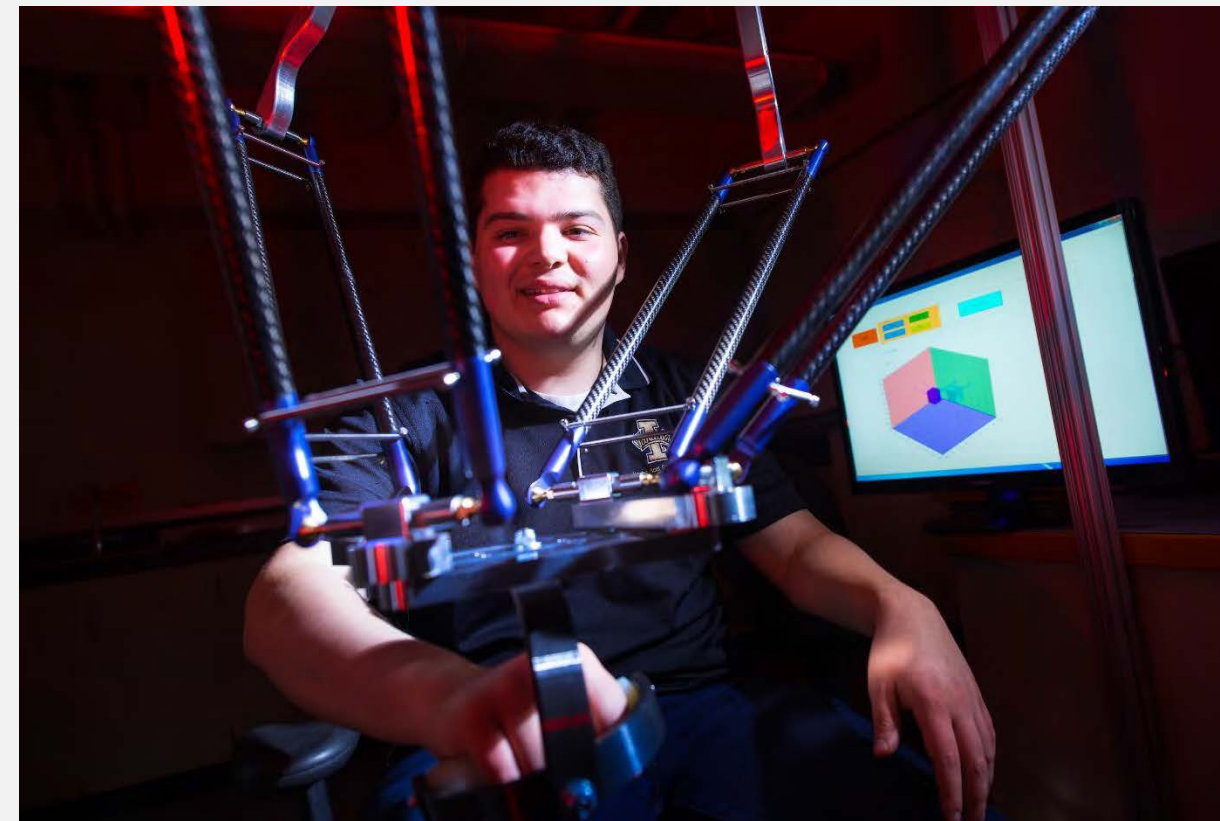
College of Engineering

**WELCOME TO THE  
COLLEGE OF  
ENGINEERING!**



# CONGRATULATIONS

WE ARE SO HAPPY YOU ARE HERE!





# ENGINEER LIKE A VANDAL



University of Idaho

College of Engineering

## ONE OF THE TOP 7 IN THE NATION

recognized for “infusing  
real-world experiences into  
engineering education”  
through our interdisciplinary  
Capstone Design Program

– National Academy  
of Engineering

## NATIONALLY RANKED BEST VALUE

by Forbes, Money, U.S. News and World Report  
and The Princeton Review

## HIGHEST SALARY EARNINGS

for early- and mid-career undergraduate degree  
recipients than any other public university  
in Idaho

– PayScale 2019 College Salary Report

## MORE SCHOLARSHIPS AWARDED

than any other public  
engineering program in the state

– 2019-2020 Financial Aid Data

## 87% GRADUATE WITH JOBS

or are enrolled in additional  
education or military service

– 2016-2018 U of I Career Services  
Outcomes Survey



# STUDENT SUCCESS IS OUR PRIORITY

- I Professional and Faculty Academic Advisors
- I Career Advising Liaison
- I Cohort housing options
- I Student spaces (thinkTANK)
- I Tutoring for engineering courses

Remote student services are available.  
Contact [enr-sss@uidaho.edu](mailto:enr-sss@uidaho.edu) or 208-885-6470.

## LET'S MEET! YOUR ACADEMIC ADVISORS



First-year students meet with academic advisors in the Micron Student Center until they transition to a faculty advisor later in their college career. Please don't hesitate to reach out to your advisor today!

If you have any questions about who your advisor is, email [enr-sss@uidaho.edu](mailto:enr-sss@uidaho.edu) or call 208-885-6470.



**WANDA HVEZDA**  
208-885-0994  
[wandah@uidaho.edu](mailto:wandah@uidaho.edu)

Contact me if you're interested in:  
Biological Engineering  
Computer Science  
Computer Engineering  
Electrical Engineering



**ROOPAL JANI**  
208-885-0250  
[rjani@uidaho.edu](mailto:rjani@uidaho.edu)

Contact me if you're interested in:  
Civil Engineering  
Mechanical Engineering  
Materials Science and Engineering  
Chemical Engineering  
Undeclared Engineering

## YOUR STUDENT SERVICES TEAM

Our student services team can help you navigate all areas of college success, including academic and career advising, early access to internships and assistantships, student clubs, study abroad and more!

### JOHN CREPEAU

Professor,  
Associate Dean for Undergraduates  
208-885-5228  
[crepeau@uidaho.edu](mailto:crepeau@uidaho.edu)



I can help you with:

Your college experience, academic petitions and disqualifications, Engineering Design EXPO, Grand Challenge Scholars Program

### PAULETTE HOUSE

Student Services Director  
208-885-9700  
[phouse@uidaho.edu](mailto:phouse@uidaho.edu)



I can help you with:

Academic petitions and disqualifications, Scholarships, financial aid reinstatement, Engineering Ambassadors and student clubs

### PATTY RIEDL'

Administrative Coordinator  
208-885-1515  
[patty@uidaho.edu](mailto:patty@uidaho.edu)



I can help you with:

Academic petition processing, substitution/waivers, changes of curriculum, graduation checks/approvals

### MARIE WAGNER

Student Services and Programs Coordinator  
208-885-6479  
[mariew@uidaho.edu](mailto:mariew@uidaho.edu)



I can help you with:

Academic petitions, special events, Engineering Ambassadors and student clubs

### RACHEL OTTO

Career Advising Liaison and Co-op Coordinator  
208-885-1702  
[rotto@uidaho.edu](mailto:rotto@uidaho.edu)



I can help you with:

Job, internship and co-ops, résumés, CVs, cover letters, interview skills and preparation, career and major exploration, salary and benefits negotiations, graduate school

### JJ PETERSEN

Instructor, Engineering Scholars Director  
208-885-0965  
[jpetersen@uidaho.edu](mailto:jpetersen@uidaho.edu)



I can help you with:





Tutoring, Engineering Scholars Program and study abroad

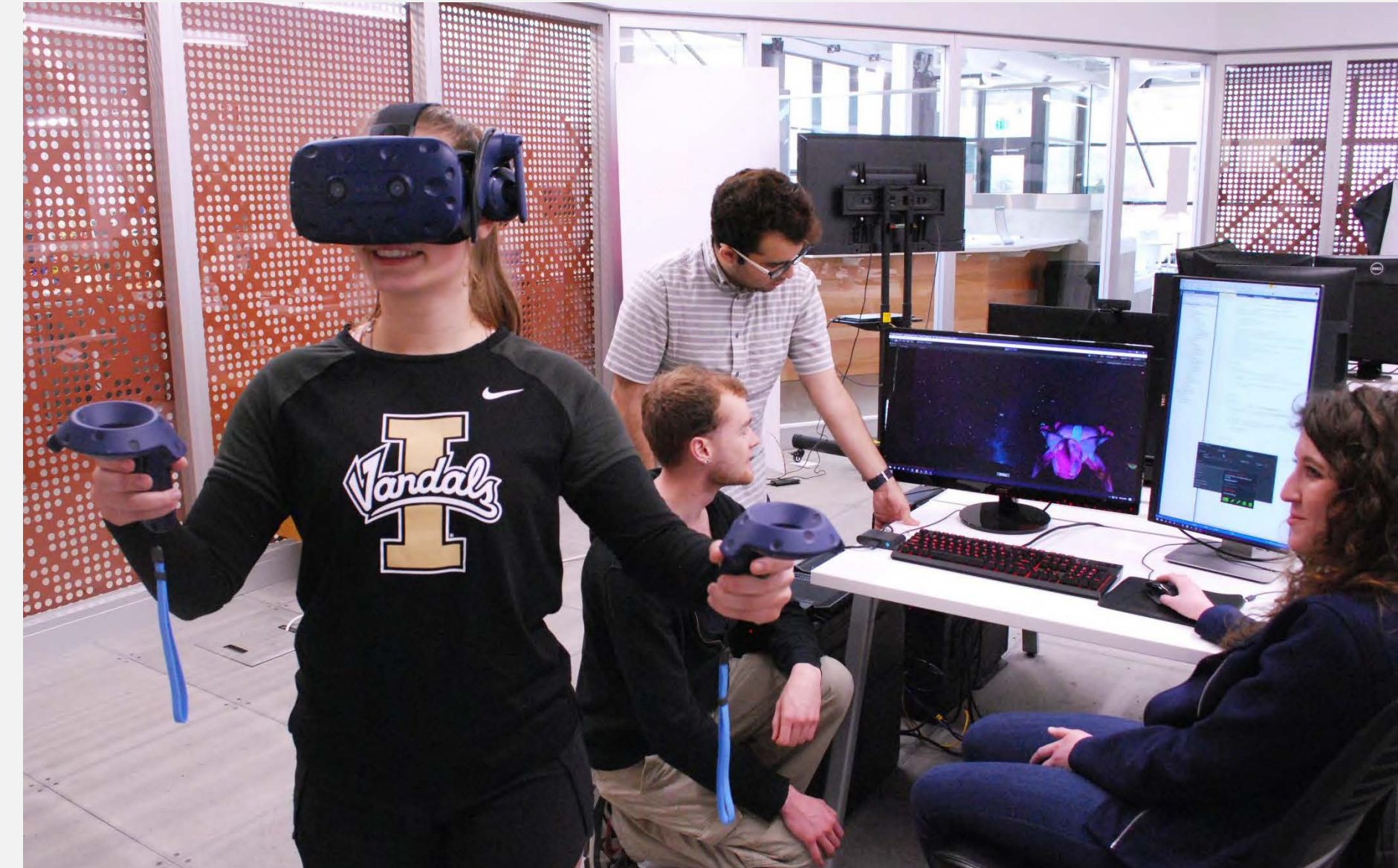






# UNIQUE PROGRAMS

-  Cooperative Education Program (Co-op)
-  Grand Challenge Scholars Program
-  Nationally Recognized Capstone Design Program
-  Honors Program
-  Engineering Scholars



***LEARN MORE AT [UIDAHO.EDU/ENGR-DEGREES](https://uidaho.edu/engr-degrees)***



# GET INVOLVED!

- I 20+ clubs and organizations tied to international and national engineering organizations
- I Nationally recognized competition teams



**LEARN MORE AT [UIDAHO.EDU/ENGR-CLUBS](http://UIDAHO.EDU/ENGR-CLUBS)**



# AMBASSADOR PROGRAM



**I** Current engineering students who represent the College of Engineering, and engage prospective and current students and their families.

**I** Activities:

- On & off campus events, career fairs
- Departmental tours
- Competition judging
- School visits



**LEARN MORE AT [UIDAHO.EDU/ENGR-AMBASSADORS](https://uidaho.edu/engr-ambassadors)**

# FERPA (FAMILY EDUCATION RIGHTS AND PRIVACY ACT)



= Student have rights with their educational records. Students must provide written consent to allow sharing of their information.

- I Have an awareness of key times in a semester
- I Encourage your child to utilize resources  
(academic advisor, tutoring, instructors, etc.)



# VIRTUAL UIDAHO BOUND



***LEARN MORE AT [UIDAHO.EDU/UIDAHO-BOUND](https://uidaho.edu/uidaho-bound)***

- I** Virtual campus tour
- I** Check out the resources to learn about University of Idaho and all we have to offer.
- I** Watch our virtual presentation!
- I** Get a free Uldaho Bound T-shirt!

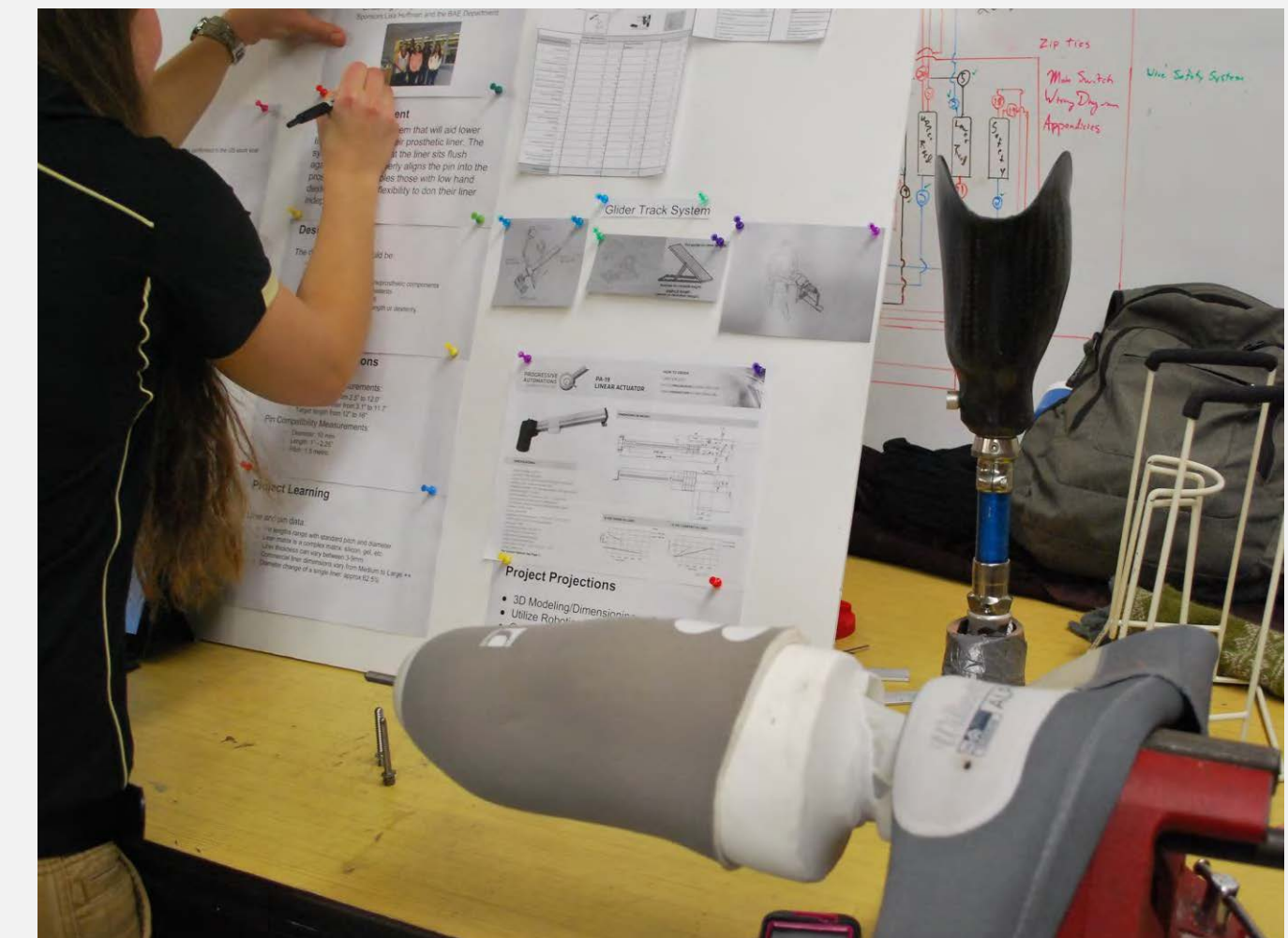




# BIOLOGICAL ENGINEERING

***LEARN MORE AT [UIDAHO.EDU/ENGR-DEGREES](http://UIDAHO.EDU/ENGR-DEGREES)***

- I** Facilitate drug delivery, cell therapy, and regenerative medicine
- I** Engineer microorganisms to produce value-added products
- I** Design and manufacture medical devices
- I** Make renewable biofuels

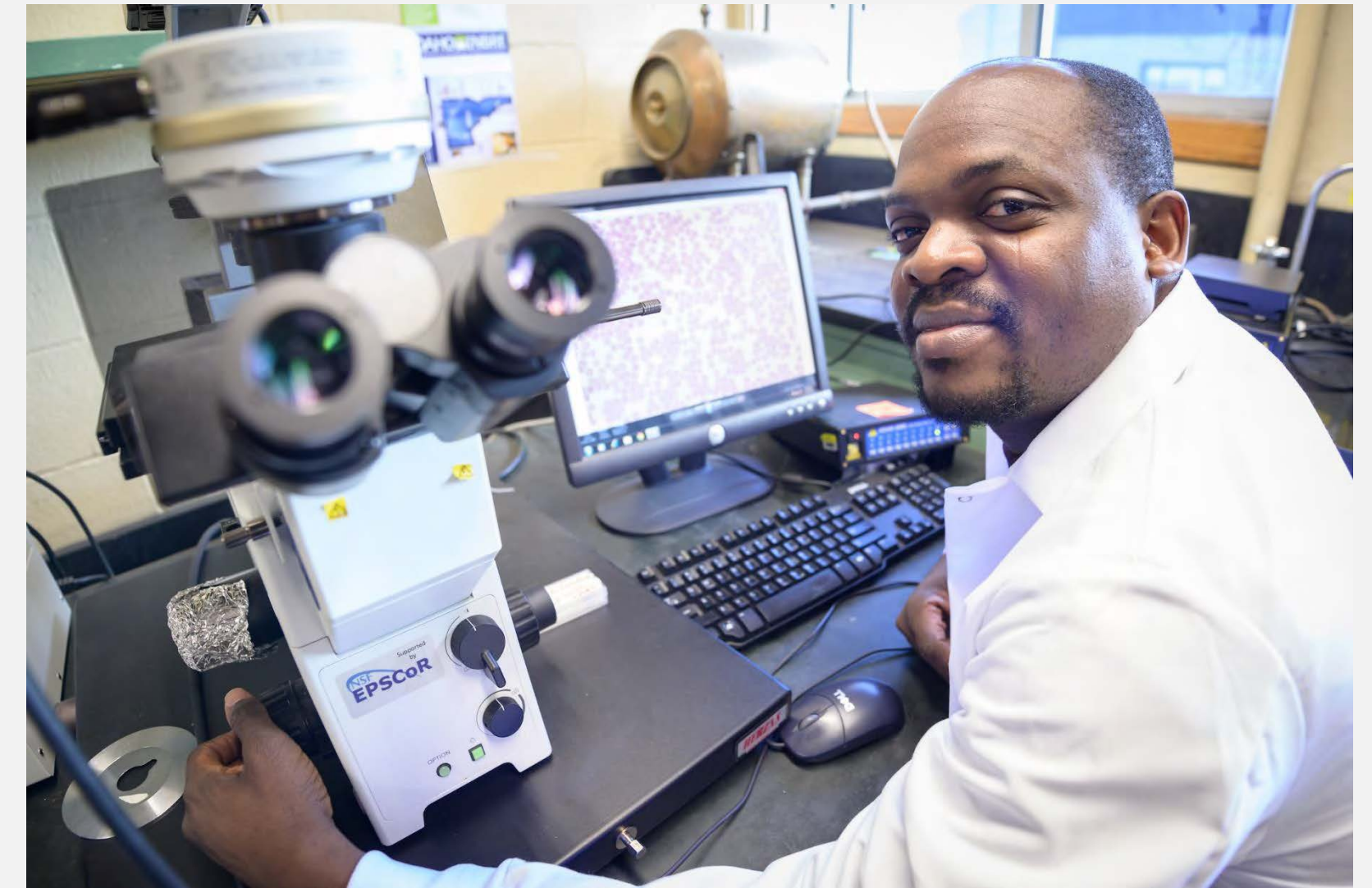




# CHEMICAL ENGINEERING

***LEARN MORE AT [UIDAHO.EDU/ENGR-DEGREES](http://UIDAHO.EDU/ENGR-DEGREES)***

- I** Refine raw materials into desirable products
- I** Food processing techniques
- I** Develop and manufacture pharmaceuticals
- I** Solve environmental problems, such as pollution



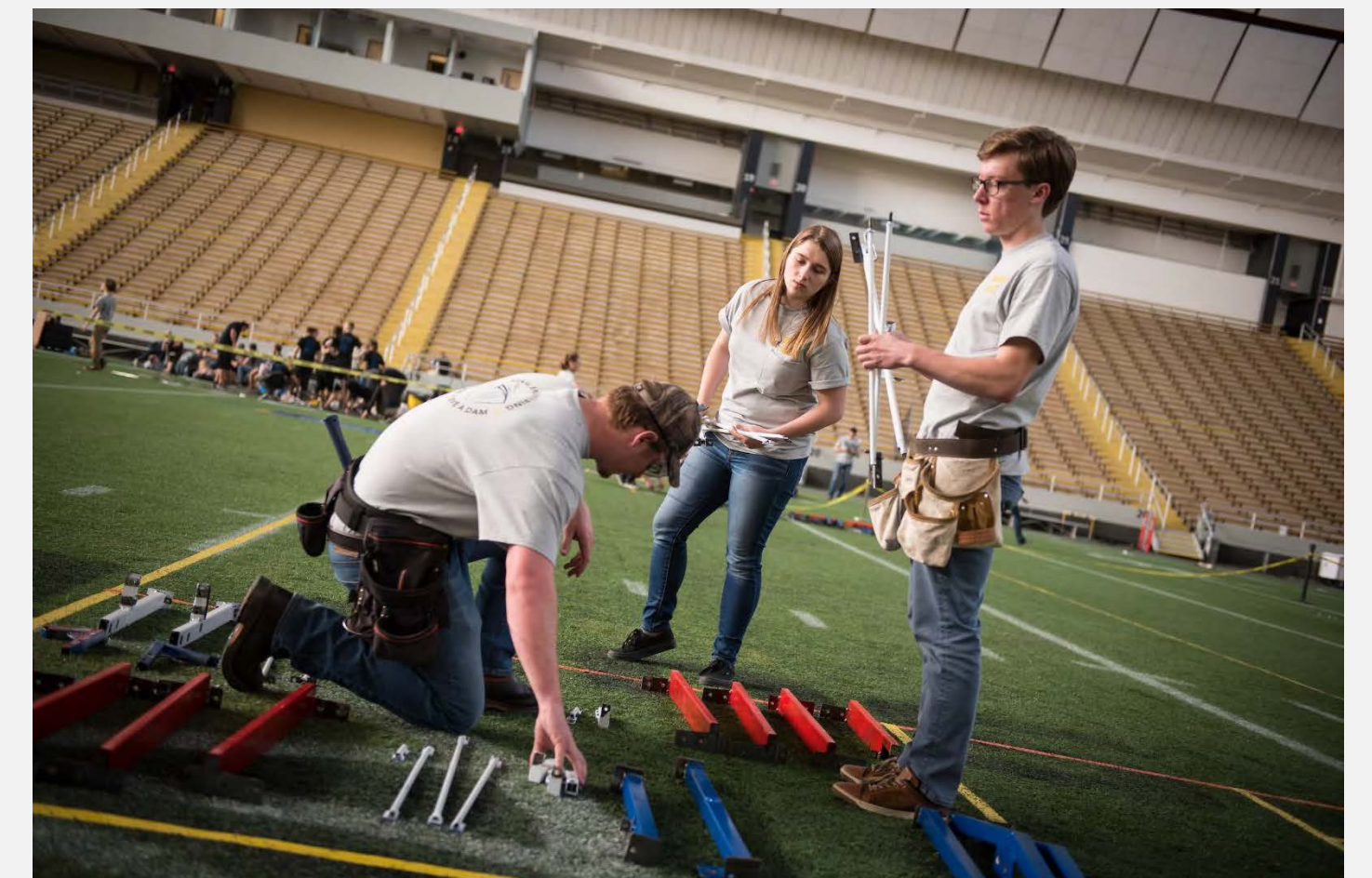


# CIVIL AND ENVIRONMENTAL ENGINEERING

***LEARN MORE AT [UIDAHO.EDU/ENGR-DEGREES](https://uidaho.edu/engr-degrees)***

**I** We design INFRASTRUCTURE

- Five subdisciplines:
- Environmental
- Water Resources
- Transportation
- Structural
- Geotechnical





# COMPUTER SCIENCE

***LEARN MORE AT [UIDAHO.EDU/ENGR-DEGREES](https://uidaho.edu/engr-degrees)***



- I** Write software programs
- I** Enhance network security
- I** Develop games
- I** Use artificial intelligence to solve societal problems
- I** Create and manage database systems
- I** Robotics technologies



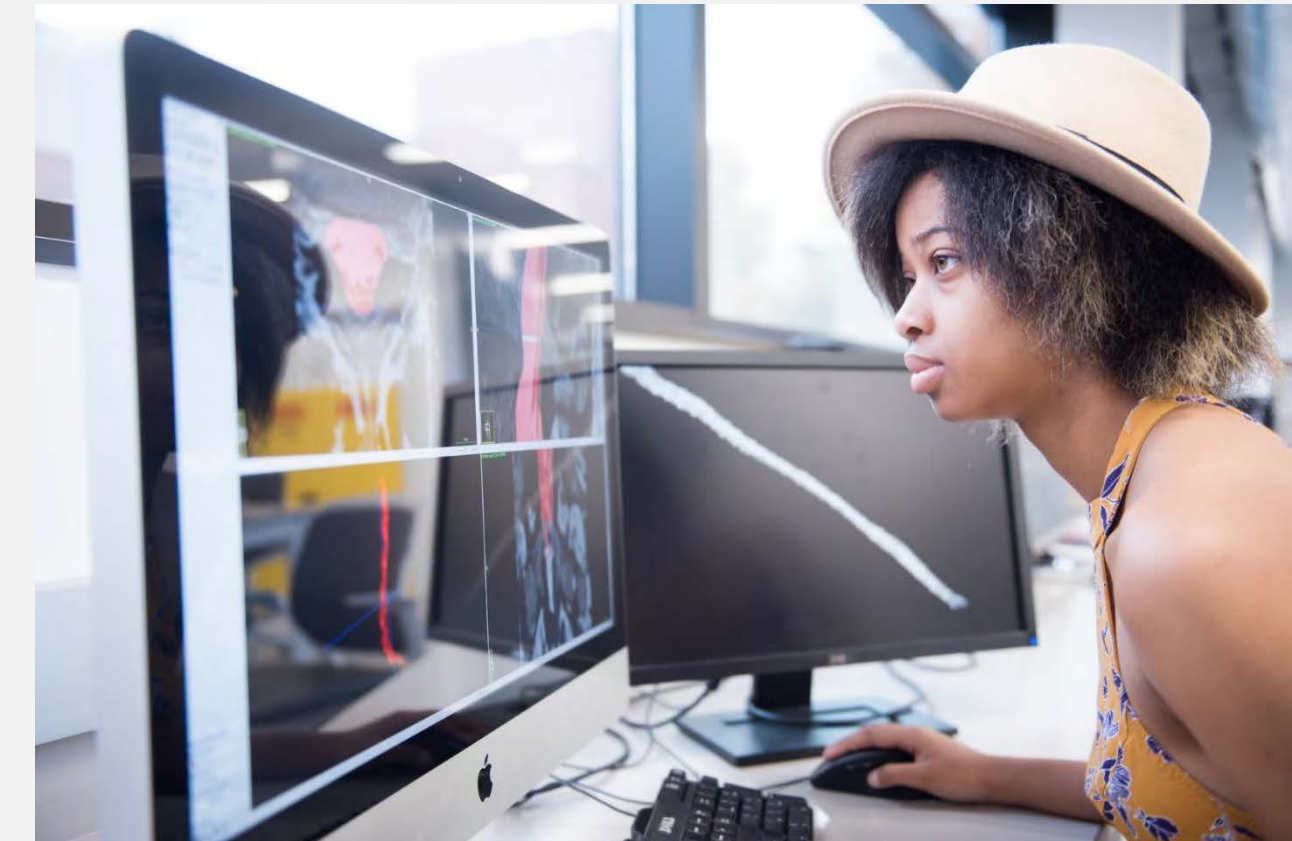


# ELECTRICAL ENGINEERING

***LEARN MORE AT [UIDAHO.EDU/ENGR-DEGREES](https://uidaho.edu/ENGR-DEGREES)***



- I** Design computers, smartphones and other electronic devices
- I** Increase efficiencies in complex systems
- I** Improve the power grid
- I** Develop applications for microelectronic gadgets
- I** Enhance and manage signal communication systems





# COMPUTER ENGINEERING

***LEARN MORE AT [UIDAHO.EDU/ENGR-DEGREES](https://uidaho.edu/ENGR-DEGREES)***



- I** Develop hardware for devices like laptops, cell phones, and modern cars
- I** Design and test circuits for improved reliability
- I** Improve the security of communications and the power grid



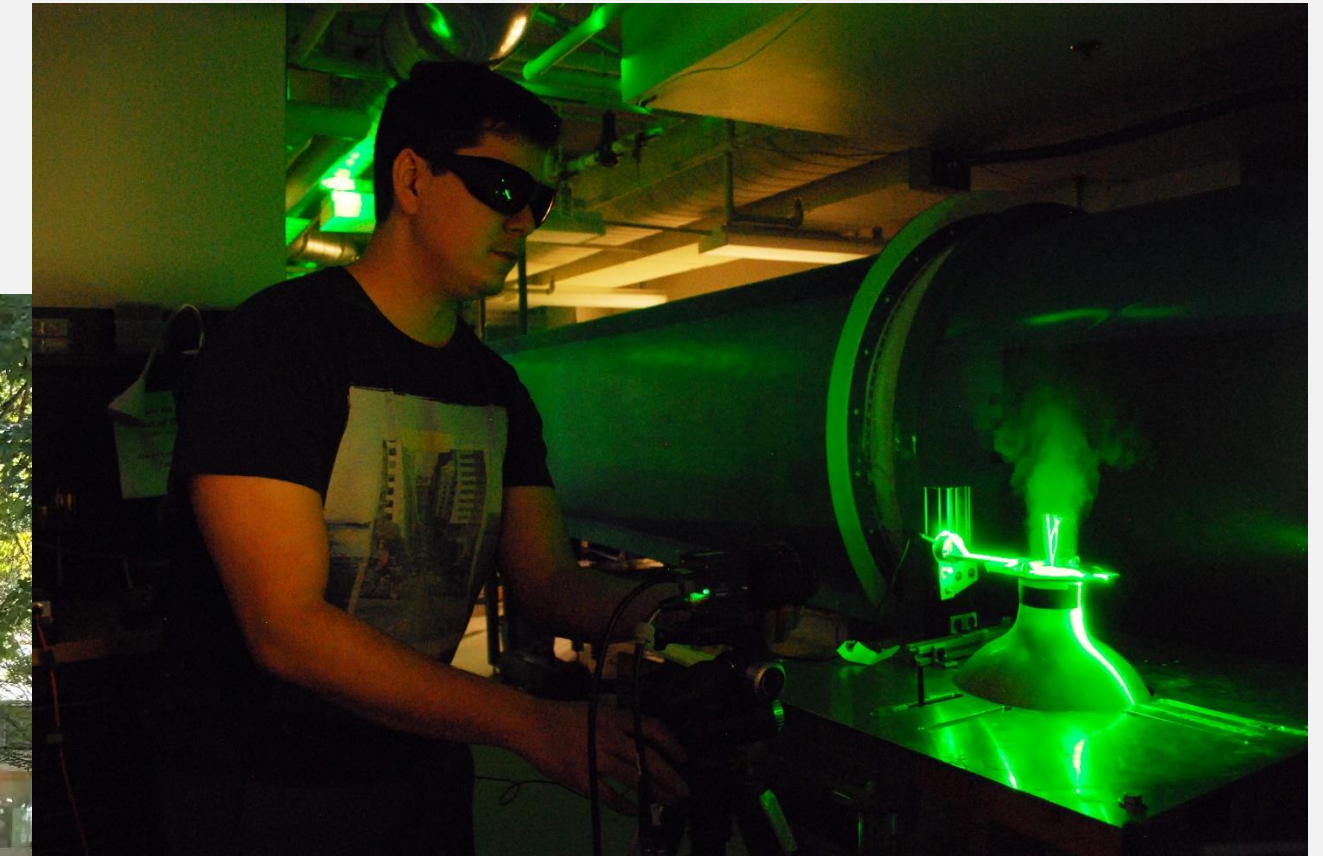


# MECHANICAL ENGINEERING

***LEARN MORE AT [UIDAHO.EDU/ENGR-DEGREES](https://uidaho.edu/engr-degrees)***



- I** Design mechanical systems like planes, cars and robots
- I** Prosthetic devices to improve lives
- I** Improve efficiencies in power generation systems
- I** Enhance industrial and manufacturing processes





# STUDENT INSIGHT



Nick Pancheri, Biological Engineering  
Ali Davies, Chemical Engineering

**SCHOLARSHIPS**

**ACADEMIC SUPPORT**

**COMMUNITY  
OF MOSCOW**

**EXTRA  
CURRICULAR  
ACTIVITIES**



# ACADEMIC SUPPORT PROGRAMS (ASP)

VANDAL SUCCESS CENTER,  
ISUB, 3<sup>RD</sup> FLOOR

[WWW.UIDAHO.EDU/TCS](http://WWW.UIDAHO.EDU/TCS)

208-885-1021



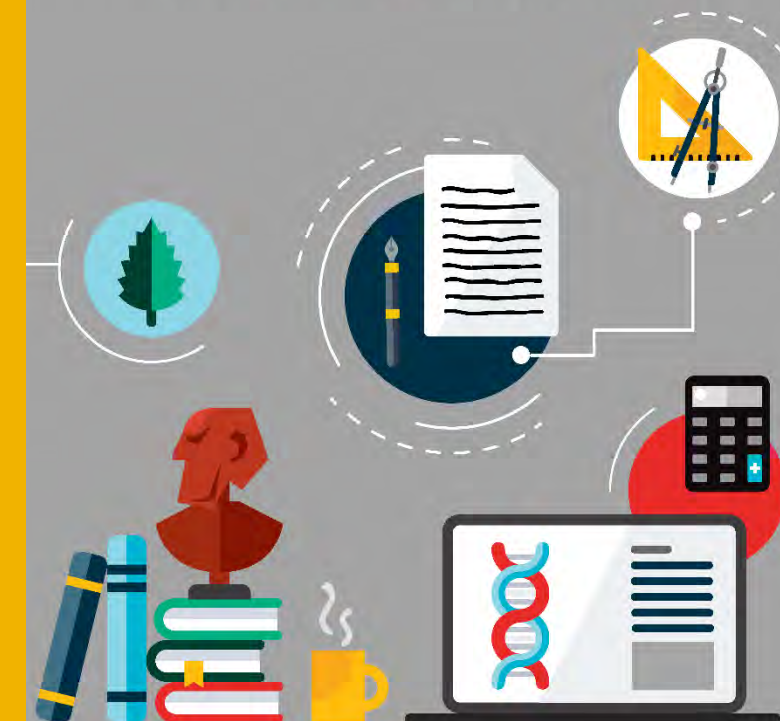
## TUTORING AND COLLEGE SUCCESS



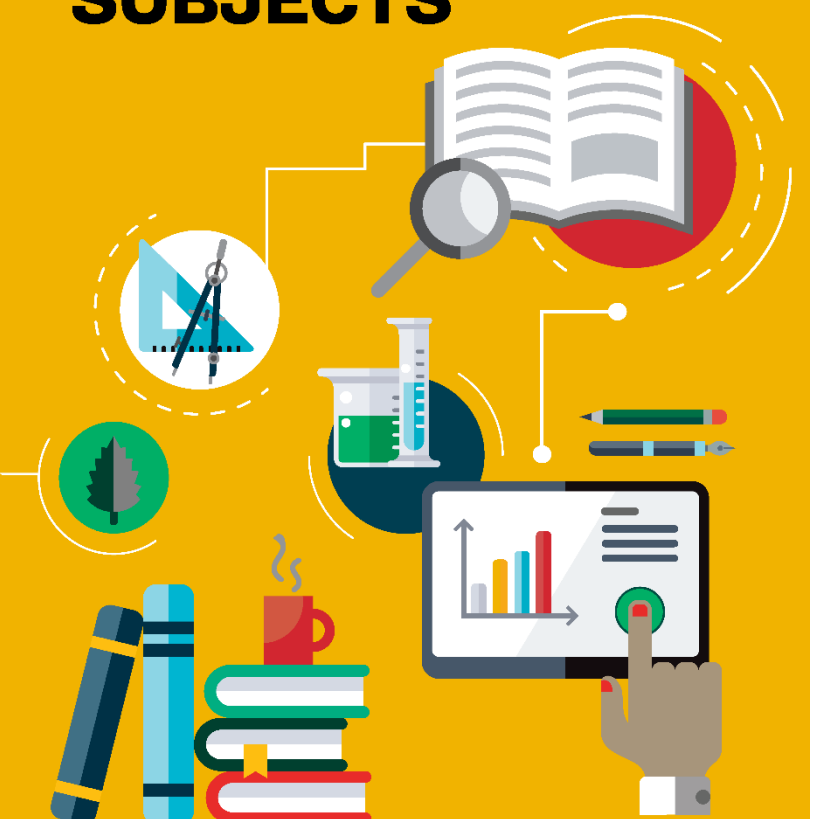
### ACADEMIC COACHING



### VANDAL DROP-IN TUTORING



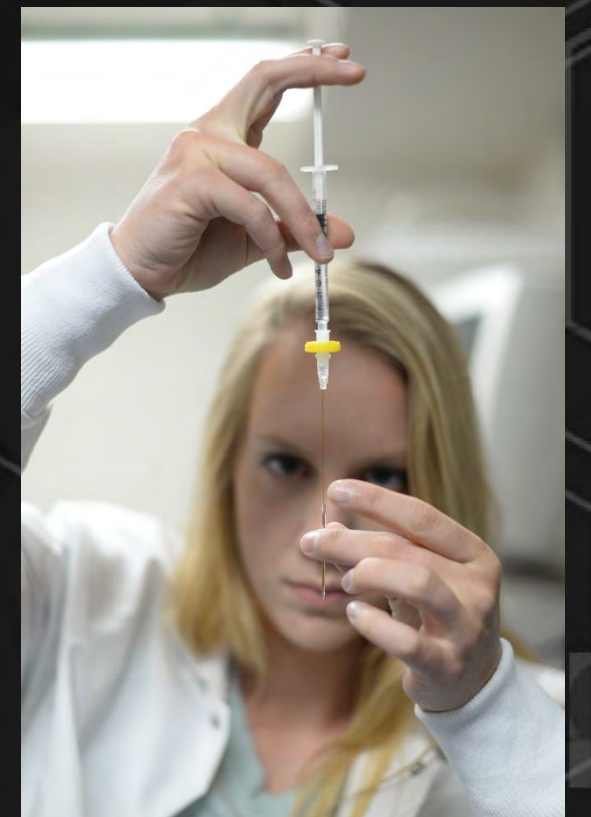
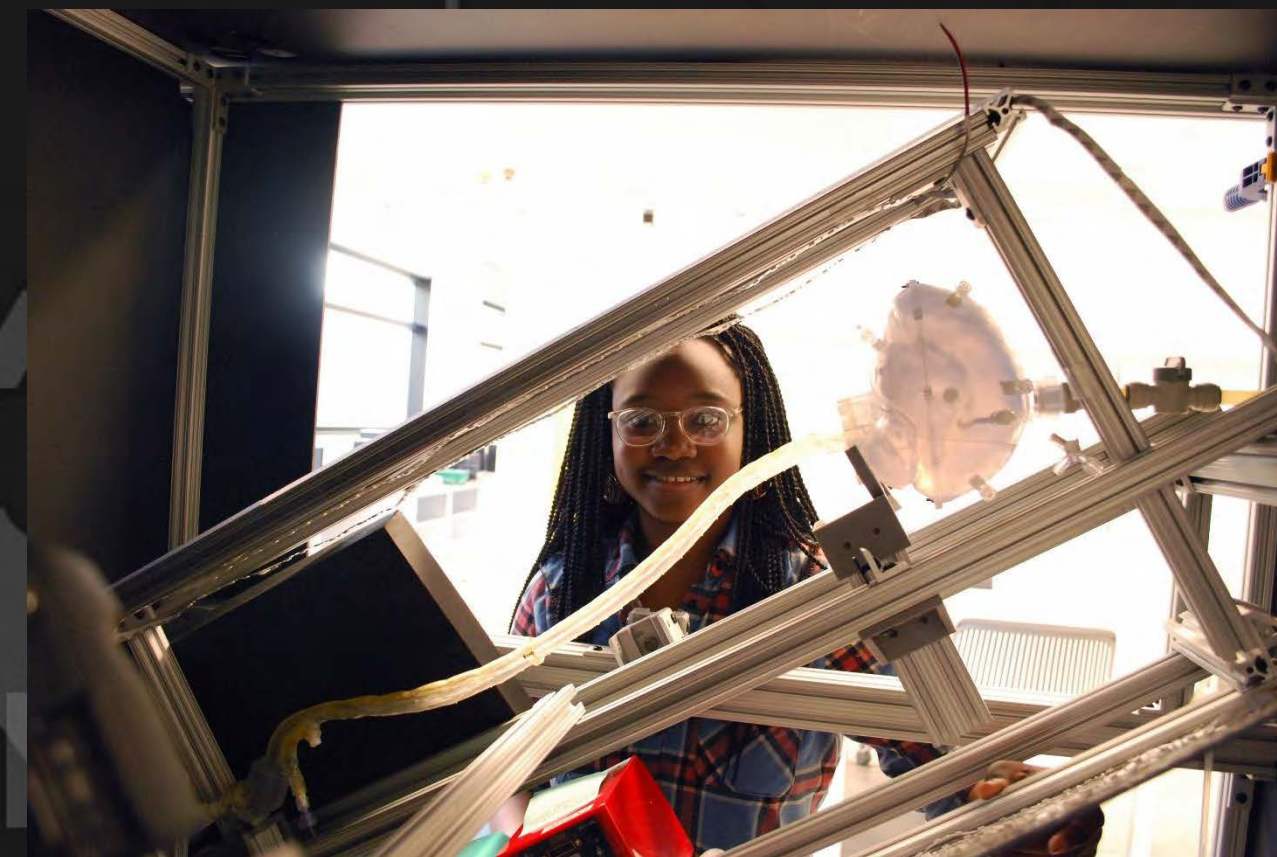
### SI - STUDY SESSIONS FOR DIFFICULT SUBJECTS





# GRAND CHALLENGE SCHOLARS PROGRAM

- Only undergraduate program in Idaho established to educate a new generation of engineers to tackle the most pressing issues facing the 21st century.
- Improve sustainability, security, health, and joyful living
- Research experience, interdisciplinary curriculum, entrepreneurship and innovation, global awareness, and service learning
- Video at <https://youtu.be/eRUuJM7A068>



**LEARN MORE AT [UIDAHO.EDU/GRANDCHALLENGES](https://uidaho.edu/grandchallenges)**



# THANK YOU!

**UIDAHO.EDU/ENGR**

**ENGR-SSS@UIDAHO.EDU**

**208-885-6470**



# U OF I COOPERATIVE EDUCATION PROGRAM

- Earn \$18,000-\$28,000 as a student
- Partnering companies: SEL, BorgWarner, Micron, Ednetics, Safeguard Equipment, HP, Pacific Northwest National Laboratory, Idaho National Laboratory, Itron, etc.



*“ I was treated just like a full-fledged employee right from the start. That really surprised me. I am leaving my mark on this company. I accomplished something that was truly helpful to them, and it will be here long after I leave. ”*

*- Devin Driggs '19, Co-op student at Micron*

**LEARN MORE AT [UIDAHO.EDU/CO-OP](https://uidaho.edu/co-op)**



# ENGINEERING SCHOLARS

- Invitation only, for high achieving students
- On-campus lectures from world-class engineers
- Industry visits
- Undergraduate research and community service projects
- More personal interactions and social activities to meet engineering faculty, staff, and students.





# HONORS PROGRAM

- One-on-one learning from selected professors
- Leadership and undergraduate research opportunities
- Access to scholarships
- Diverse extracurricular activities
- Powerful learning environment that promotes developing and exploring your abilities, passions, and seeking new challenges and opportunities.
- Cohort housing options in which you live in the company of other honors program students

