UC San Diego
JACOBS SCHOOL OF ENGINEERING
Electrical and Computer Engineering

Alumni Newsletter, Summer 2017

ECE Hands-On Curriculum

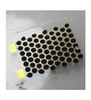
Research Highlights

FROM SELF-FOLDING ROBOTS TO COMPUTER VISION: UC SAN DIEGO MAKES STRONG SHOWING AT THE INTERNATIONAL CONFERENCE ON INTELLIGENT ROBOTS AND SYSTEMS

SQUEEZING LIGHT INTO INFINITESIMALLY THIN LINES

WHEN ARTIFICAL INTELLIGENCE IS FUNNY

FOUR PHYSICIAN-ENGINEER TEAMS FUNDED BY UC SAN DIEGO


STRETCHABLE BIOFUEL CELLS EXTRACT ENERGY FROM SWEAT TO POWER WEARABLE DEVICES

GALLIUM NITRIDE 'TANGOES' WITH SILICON TO OVERCOME NATURE'S MATERIAL LIMITATIONS

RESEARCHERS RECEIVE NSF AWARD TO DEVELOP NEW NEURAL MAPPING TECHNOLOGIES OF THE BRAIN

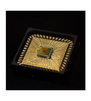
QUALCOMM INSTITUTE'S CARI AWARDED NIH GRANT FOR OPIOID SENSOR

UC SAN DIEGO TEAMS WITH TOYOTA ON AUTONOMOUS, CONNECTED VEHICLE SAFETY TECHNOLOGIES

4D CAMERA COULD IMPROVE ROBOT VISION, VIRTUAL REALITY, AND SELF-DRIVING CARS

FROM THEORY TO MICROGRID: NEW IDEAS FROM THE SUSTAINABLE POWER AND ENERGY CENTER RESEARCH SUMMIT

CENTER FOR VISUAL COMPUTING HAS MAJOR PRESENCE AT UPCOMING COMPUTER VISION CONFERENCE


NEAR-ZERO-POWER TEMPERATURE SENSOR COULD MAKE WEARABLES, SMART HOME DEVICES LESS POWER-HUNGRY

HIGH-TECH BABY MONITOR COMPANY CO-FOUNDED BY UC SAN DIEGO COMPUTER SCIENCE ALUMNUS RASES $4 MILLION

5G WIRELESS AND BEYOND: FROM EVOLUTION TO REVOLUTION

Other News

Nature Names UC San Diego a Top 15 research institution worldwide

The University of California San Diego is the world's 14th best university for developing research that is used to create products or services that benefit society and spur economic growth. The new ranking by Nature, one of the world's leading academic journals, also prides the campus for its research output: nearly half of UC San Diego's natural science papers appear in the Nature Index, which measures research productivity in the globe's top science journals.

Read more here.

Students Developing low-cost device for monitoring HIV levels in blood win national competition

A team of UC San Diego students is working to help curb the HIV epidemic by developing a low-cost device for people in low-resource areas to monitor the levels of HIV RNA in their bloodstream. They recently took first place in the National Academy of Engineering 2017 Global Grand Challenges Summit (GGCS) business plan competition. The team will use the $25,000 in prize money to help them translate their research to the clinic as part of a public benefit corporation they recently created called Worldcare Technologies.

Read more here.

Upcoming Events

JSOE Open House, Sept. 29 1:30

Welcome New Faculty

Assistant Professor, Dinesh Bharadia

Assistant Professor, Behrouz Touri

Associate Professor, Xinyu Zhang

Professor of Practice, Todd Hylton

Professor of Practice, Nambi Seshadri

Professor of Practice, David Whelan

Assistant Teaching Professor, Sahamaz Baghdadchi

Associate Teaching Professor, Curt Schurgers

Faculty Awards and Honors

- Patrick Mercier: 2017 Biocom Life Sciences Catalyst Award Winner

Find out more about faculty and student awards here.

Student Awards and Honors

- Renjie Chen: 2017 Electron Devices Society Student Fellowship Award

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