BERKELEY SENSOR & ACTUATOR CENTER
UC BERKELEY UC DAVIS

HOME   PROJECTS   THRUSTS   PUBLICATIONS   ABOUT BSAC   DIRECTORY   ALUMNI   FOR BSAC RESEARCHERS   EVENTS CALENDAR   LOGOUT

The BSAC Industrial Members, Researchers, Faculty and Directors, and the National Science Foundation I/UCRC Association thank and congratulate the following researchers for their outstanding work.

BSAC Best Paper and Poster Awards for Fall 2016

More than 130 BSAC researchers presented their work in poster or plenary sessions at the Fall 2016 BSAC Research Review on September 28-29.

More than 80 attending industrial members from 36 member organizations voted for the best presentations and posters, resulting in Best Paper and Best Poster awards (certificate and cash).

Links to *public abstracts* and *secured project reports* on the BSAC website are provided below.

BSAC Best Paper
Joy (Xiaoyue) Jiang
Advisor: Prof. David A. Horsley
PMUTs for Ultrasonic Fingerprint Sensors [BPN628]

Best Presenter
Hossain M. Fahad
Advisor Prof. Ali Javey
Chemical Sensitive Field Effect Transistor (CS-FET) [BPN770]

BSAC Best Poster
Dr. Youmin Wang
Advisor: Prof. Ming C. Wu
Optical Phased Array for LIDAR [BPN788]

Best Poster
Yumeng Liu
Advisor Prof. Liwei Lin
Graphene for Room Temperature Gas Sensors [BPN772]

BSAC Best Paper and Poster Awards for Spring 2016

More than 160 BSAC researchers presented their work in poster or plenary sessions at the Spring 2016 BSAC Research Review on March 2-4.

More than 70 attending industrial members from 35 member organizations voted for the best presentations and posters, resulting in Best Paper and Best Poster awards (certificate and cash).

Links to *public abstracts* and *secured project reports* on the BSAC website are provided below.

BSAC Best Paper
Dr. Youmin Wang
Advisor: Prof. Ming C. Wu
Optical Phased Array for LIDAR
[BPN788]

Best Presenter
Dr. Tae Joon Seok
Advisor Prof. Ming C. Wu
Silicon Photonic MEMS Switch
[BPN751]

Best Poster
Yumeng Liu
Advisor Prof. Liwei Lin
Graphene for Room Temperature
Gas Sensors [BPN772]

Best Poster
Wei Gao, Sam Emaminejad
Advisor Prof. Ali Javey
Fully-Integrated Wearable Sensor
Arrays for Multiplexed In Situ
Perspiration Analysis [BPN818]
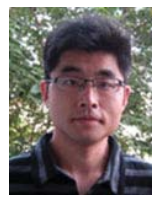
BSAC Best Paper and Poster Awards for Fall 2015

More than 160 BSAC researchers presented their work in poster or plenary sessions at the Fall 2015 BSAC Research Review on September 30-October2.

More than 70 attending industrial members from 39 member organizations voted for the best presentations and posters, resulting in Best Paper and Best Poster awards (certificate and cash).

Links to *public abstracts* and *secured project reports* on the BSAC website are provided below.

BSAC Best Paper
Phillip Sandborn
Advisor: Prof. Ming C. Wu
3D Integrated LADAR [BPN665]

Best Presenter
Chen Yang
Advisor Prof. Liwei Lin
3D-Printed Microelectronics for
Integrated Circuitry and Passive
Wireless Sensors [BPN799]

Best Poster
Hao-Yen Tang
Advisor Prof. Bernhard E. Boser
3D Ultrasonic Fingerprint Sensor
On a Chip Using Piezoelectric
Micromachined Ultrasonic
Transducers (PMUT) [BPN722]

Best Poster
**Hossain M. Fahad, Hiroshi
Shiraki**
Advisor Prof. Ali Javey
Chemical Sensitive Field Effect
Transistor (CS-FET) [BPN770]

BSAC Best Paper and Poster Awards for Spring 2015

More than 160 BSAC researchers presented their work in poster or plenary sessions at the Spring 2015 BSAC Research Review March 11-13.

More than 90 attending industrial members from 35 member organizations voted for the best presentations and posters, resulting in Best Paper and Best Poster awards (certificate and cash).

Links to *public abstracts* and *secured project reports* on the BSAC website are provided below.

BSAC Best Paper
Yumeng Liu
Advisor: Prof. Liwei Lin
A Versatile Gas
Sensor with
Selectivity using a
Single Graphene
Transistor
[BPN772]

Best Presenter
**Behnam
Behroozpour**
Advisor Prof. Bernhard
E. Boser
Frequency Modulated
Laser Source for 3D
Imaging [BPN665]

Best Presenter
**Anna Harley-
Trochimczyk**
Advisor Prof. Roya
Maboudian
Microheater-based
Platform for Low
Power Chemical
Sensing [BPN762]

BSAC Best Poster Awards Spring 2015