

# Industrial Member Organizations

March 2024



## BSAC Co-Directors

*Electrical, Materials, Mechanical, and BioEngineering*

Prof. Jun-Chau Chien  
 Prof. Ali Javey  
 Prof. Dorian Liepmann  
 Prof. Liwei Lin  
 Prof. Roya Maboudian  
 Prof. Richard S. Muller  
 Prof. Clark T.-C. Nguyen  
 Prof. Kristofer S.J. Pister  
 Prof. Alp Sipahigil  
 Prof. Ming C. Wu  
 Prof. Rayne Zheng

BSAC welcomes inquiries from technology focused companies interested in participating in our research consortium and from top students seeking advanced degrees in our specialties.

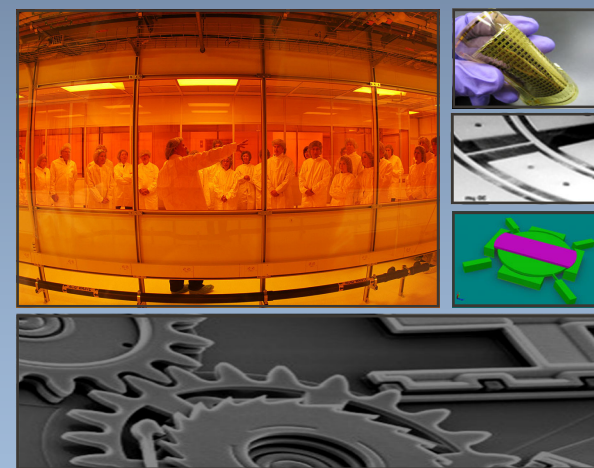
For more information, contact:  
[bsac\\_execdir@lists.berkeley.edu](mailto:bsac_execdir@lists.berkeley.edu)



[bsac.berkeley.edu](http://bsac.berkeley.edu)  
 Berkeley Sensor & Actuator Center  
 University of California, Berkeley  
 656 Sutardja Dai Hall #1764  
 Berkeley, California 94720 USA  
 Phone: +1.510.643.6690



*A Graduated National Science Foundation/Industry/University Cooperative Research Center*



BSAC, the Graduated National Science Foundation Industry/University Cooperative Research Center for MEMS and NEMS, was founded in 1986 to conduct commercially relevant interdisciplinary engineering research on micro and nano-scale sensors, moving mechanical elements, microfluidics, materials, processes, and systems.



## Goals

**Create a leadership research environment** through the collective appeal of top-rank university researchers, an environment of collaboration, and access to a diverse group of Industrial Members who are usually current or future market leaders in their segments.

**Educate the next generation** of microsystems technology leaders in industry and academia.

**Ensure commercial relevance** and reduce the time to commercialization of BSAC research through intensive collaboration with Industrial Members.

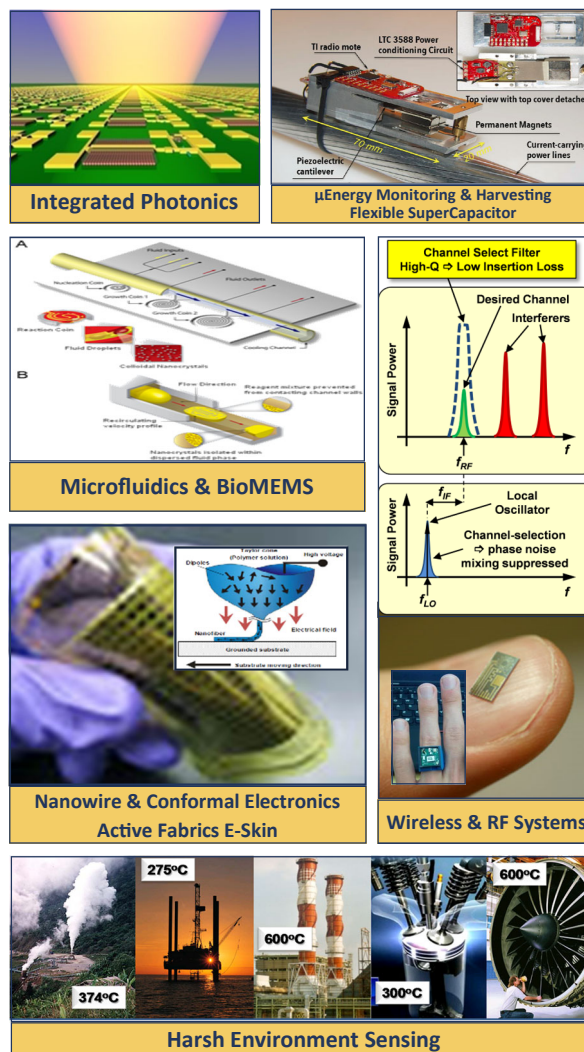


Berkeley Sensor & Actuator Center  
University of California, Berkeley  
bsac.berkeley.edu

## People & Projects

- 100+ Graduate & Postdoc Researchers
- 11 Faculty Directors
- 14 Co-Advising Faculty Affiliates
- 15 Industrial Organizations
- 55+ Projects

## Research Areas



A membership-based Industry/University Cooperative  
Research Center for MEMS and NEMS

## Member Benefits

**Participation in the Center** provides Industrial Members with access to wide-ranging research from the best and brightest researchers, in a university with worldwide recognition. Members see center research at an early stage for a timely view of new developments before publication. Extensive formal research reviews are conducted on campus twice per year, every spring and fall, specifically for Industrial Members. Through the Industrial Advisory Board, members influence the directions taken in the research and policies of the consortium.

**Members can obtain exclusive** or non-exclusive rights to inventions made in the center. Member organizations are invited to special research events and may send researchers to campus as Industrial Fellows. Industrial funding for the Center has been granted full DoD IR&D status.

**Relationships formed** among Industrial Members, faculty, and researchers tend to persist throughout developers' and researchers' careers, creating lasting organizational value to members and graduates. Contact with graduate students in training can lead to hiring for summer and long-term positions. Many BSAC PhD graduates take positions with BSAC Industrial Member organizations. No single Industrial Member is likely to establish the high risk, high reward, multi-project environment available through the research consortium. BSAC research has spawned new businesses or divisions for its members and new start-ups from among its researchers.

**Regular Membership** \$70,000/year  
**Collaboration Membership\*** \$155,000/year

\*Including Agreed Member-Faculty-Researcher Project

To join, contact [Jonathan Candelaria](mailto:bsac_execdir@lists.berkeley.edu)  
[bsac\\_execdir@lists.berkeley.edu](mailto:bsac_execdir@lists.berkeley.edu)  
+1.510.643.5663

for a BSAC Participation Agreement.