Program Summary
In order to further the technology transfer goals of BSAC, a Visiting Industrial Fellow (VIF) program has been established. Under this program, Industrial Members of BSAC may, with sponsorship of one of the faculty Directors, co-locate a professional technical employee on campus, in facilities consistent with the research goals of the VIF. During their annually renewable appointment, the VIF will conduct research and participate in BSAC, College of Engineering, and campus activities. The VIF, with support of the Sponsoring Faculty Director (SFD), may participate in a new research project or may join appropriate existing research teams or projects of the SFD. The VIF may alternatively participate in a separately sponsored research project of the Industrial Member. Such separately sponsored Industrial Member research projects may pre-exist or may be defined and funded after a period of, and as a result of, VIF on-campus assignment. The VIF will execute a University Patent Acknowledgment that defines treatment of inventions.

The Industrial Member will provide funding (typically $50,000 to $125,000 annually, depending on department and faculty requirements) to the Department of the Sponsoring Faculty Director, during which time the Industrial Member must remain a BSAC member and during which time VIF must remain a paid employee of the Industrial Member. The VIF appointment fee will be distributed between the Sponsoring Faculty Director and the Engineering Department in whose facilities the VIF office space and administrative support is provided.

Benefits
- Access on a regular basis to Sponsoring Faculty Director who shall act as campus sponsor and VIF research advisor.
- Desk/shared office space for a professional resident Visiting Industrial Fellow.
- Administrative support, telephone, and computer network access including remote dial-in access which shall continue for one year following the VIF appointment, provided sponsoring Industrial Member remains in BSAC.
- For non-US VIF’s, assistance with necessary Exchange Visitor (J-1 visa) applications.
- Participation as a regular member of a research team on an existing research project or (optionally) on a directed research project sponsored under separate contract by the Industrial Member company.
- Access, at additional costs but at student recharge rates, and without the normal additional Marvell Nanofabrication Lab Affiliate fees, to the Berkeley Nanolab facilities for research and development.
- Participation by the VIF in Departmental seminars and colloquia.
- Participation, by prior arrangement, and with the approval of affected faculty, in internal BSAC research meetings of any regular BSAC research team including those of other BSAC or affiliated faculty Directors.
- Auditing of any departmental course of sponsoring department (subject to space and Instructor’s permission).
- Annual research review meeting with the Sponsoring Faculty Director on campus or at the facilities of the Industrial Member (with reimbursement of travel expenses).

Procedure
- Candidate VIF secures permissions from their Industrial Member sponsor (employer) to discuss prospective research goals with BSAC faculty Directors.
- BSAC faculty discusses research goals with prospective VIF and agrees to serve as Sponsoring Faculty Director.
- Industrial Member company provides to BSAC a nonbinding Letter of Intent or Memorandum of Understanding of the VIF fees, BSAC membership requirement, and (optional) requirement for reimbursement of Nanolab recharge fees.
- VIF signs the University “Visiting Scholar and Postdoc Affairs” (VSPA) Application for Visiting Scholar Appointment
- For foreign applicants, VIF provides data such as passport image, accompanying family data and proof of employment.
- University initiates a Request for Form DS-2019 for J-1 Exchange Visitor on behalf of VIF.
- DS-2019 for J-1 Exchange Visitor is issued to VIF, who secures J-1 Visa from their local US Embassy.
- VIF reports to and is welcomed by BSAC/Sponsoring Faculty Director; completes arrival process, (Visits VSPA office, gets Cal ID card, Library account, computer account, and office assignment).
- University/Department/BSAC issues VIF fee invoice to Industrial Member organization and (optional) reimbursement request for annual anticipated Nanolab recharge fees (as may be required once VIF research project is agreed).

Contact: John M. Huggins, BSAC Executive Director +1-510-643-5663; jhuggins@eecs.berkeley.edu

*VIF’s in the Department of Electrical Engineering and Computer Science have additional fees and require approval of the EECS department; BSACVIFRev8RR-2-J12
**BSAC Visiting Industrial Fellow Program (Candidate Sponsoring Faculty Directors)**

All BSAC faculty co-Directors from Electrical, Mechanical, and BioEngineering at UC Berkeley and UC Davis

**Bernhard E. Boser***
Specialty: Mixed Signal IC design for MEMS Interfaces; Sensors; Actuators; Signal Conditioning; A/D
Appointment: Professor of EECS
Office: 490A Cory Hall  Phone USA-510-643-8350  email: boser@eecs.berkeley.edu

**David A. Horsley**
Specialty: Optical MEMS; BioMEMS; Photonics; MEMS Devices and Processes
Appointment: Assistant Professor of Mechanical and Aeronautical Engineering (UC Davis)
Office: 2016 Bainer Hall, Davis CA  Phone USA -530- 752-1778  email : dahorsley@ucdavis.edu

**Ali Javey***
Speciality : Energy (ENE); Physical Electronics (PHY); Nanoelectronics, Nanomaterials, Nano-biotechnology
Appointments : Assistant Professor, Electrical Engineering
Office : 621C Sutardja Dai  Phone USA-642-7263 email : ajavey@eecs.berkeley.edu

**Luke P. Lee**
Specialty : BioMEMS ; Microfluidics ;Plasmonics ;Cellular Interrogation ; BioPhotonics
Appointments : Professor, BioEngineering ; co-Director UC Berkeley Bio-Nano Technology Laboratory
Office : 408 Stanley Hall  Phone USA-642-5855 email : lplee@berkeley.edu

**Dorian Liepmann**
Specialty: BioMEMS; Microfluidics
Appointments :Department Chair and Professor of Bioengineering; Joint Appointment to Mechanical Engineering
Office: 306 Stanley Hall  Phone USA-510-642-9360  email: liepmann@berkeley.edu

**Liwei W. Lin**
Specialty: Nanotubes/Nanowires MEMS Packaging and Assembly; BioMEMS; Microfluidics;
Appointment: Chancellor's Professor, Vice Chair, Graduate Studies and Professor of Mechanical Engineering
Office: 621E Sutardja Dai  Phone USA-510-643-5495   email: lwlin@me.berkeley.edu

**Michel M. Maharbiz***
Speciality: BioMEMS; MEMS processes and devices
Appointment:Assistant Professor of Electrical Engineering
Office: 646 Sutardja Dai  Phone USA-510-642-4288 email: maharbiz@eecs.berkeley.edu

**Clark T.C. Nguyen***
Specialty: RF  MEMS ; Circuits for MEMS; Communicating MEMS; MEMS processes and devices
Appointment:Professor of Electrical Engineering
Office: 574 Cory Hall  Phone USA-510-642-6251  email: ctnguyen@EECS.Berkeley.EDU

**Richard S. Muller***
Specialty: MEMS Devices and Processes; Electronic Sensors and Actuators; Device Physics; Microphotons
Appointment:Professor of the Graduate School, EECS, co-Founder BSAC
Office: 568 Cory Hall  Phone USA-510-642-0614  email: muller@eecs.berkeley.edu

**Albert P. Pisano**
Speciality: Design of MEMS; Mechanical Systems; BioMEMS; Inertial MEMS; Wireless MEMS; Aluminum Nitride & Silicon Carbide MEMS
Appointment: Chair for Mechanical Systems, FANUC Endowed Chair for Mechanical Systems and Member, National Academy of Engineering; Joint Appointment to EECS;
Offices: 6167 Etcheverry Hall  Phone USA-510-642-8918  email: appisano@me.berkeley.edu

**Kristofer S.J. Pister***
Specialty: Wireless MEMS & Wireless Sensor Networks; SmartDust; MicroRobotics; MEMS Devices, Processes, and Systems; Electronics for MEMS
Appointment: Professor of EECS
Office: 512 Cory Hall  Phone USA-510-643-9268  email: pister@eecs.berkeley.edu

**Richard M. White***
Specialty: MEMS Devices and Electronics; Ultrasonics; Piezo Materials and Structures
Appointment: Professor of the Graduate School, EECS; co-Founder, BSAC
Office: 571 Cory Hall  Phone USA-510-642-0540  email: rwhite@eecs.berkeley.edu

**Ming C. Wu***
Specialty: Optical MEMS; Photonics; BioMEMS; MEMS Devices and Processes; Electronics for MEMS
Appointment: Professor of EECS
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*VIF’s in the Department of Electrical Engineering and Computer Science have additional fees and require approval of the EECS department; BSACVIFRev8RR-2-J12*