BSAC Visiting Industrial Fellow Program

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 ten 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 VIF intellectual property agreement that defines treatment of inventions.

The Industrial Member will provide funding of $55,000 annually* to the department of the SFD, during which time the VIF must remain a paid employee of the Industrial Member. The VIF appointment fee will be distributed between the SFD and the Engineering Department in whose facilities the VIF office space and administrative support is provided (Evans Hall, Etcheverry Hall, UC Davis or, for EECS, Cory Hall*).

Benefits
- Access on a regular basis to the 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 VIFs, assistance with necessary Exchange Visitor (J-1 visa) applications.
- Participation by VIF as a regular member of a research team or group, as arranged by the Sponsoring Faculty Director.
- Optional participation as a regular member of a research team on a separately funded and contracted “sponsored research project” between the Industrial Member and the University/Sponsoring Faculty Director.
- Access, at additional cost but at student recharge rates, to the Berkeley Microlab facilities for research and development performed by VIF. However, the standard corporate membership fees for the Berkeley Microlab Affiliates program are waived for Microlab access for the VIF.
- 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 gets permission from their employer (the Industrial Member sponsor) to discuss prospective research goals with BSAC faculty Directors. Potential Sponsoring Faculty Director then discusses research goals with prospective VIF. A simple Letter of Intent may be drafted by the University to insure that the Industrial Member understands the program.
- Industrial Member signs the Letter of Intent and begins execution of pre-arrival documents such as J-1 Visa, etc.
- University invoices Industrial Member for payment of annual appointment fee; VIF arrives and begins training/research.

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

*The VIF fee may, for the EECS Department, increase slightly from 55K for the second and subsequent years of their VIF appointments.
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**BSAC Sponsoring Faculty Directors’ Appointments & Profiles**

**Bernhard E. Boser***  
Specialty: Mixed Signal IC Design for MEMS Interfaces; Sensors; Actuators; Signal Conditioning; A/D  
Appointment: Professor of EECS  
Office: 519 Cory Hall  
Phone: 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, UC Davis  
Phone: 530-752-1778  
Email: dahorsley@ucdavis.edu

**Luke P. Lee** (On Sabbatical/Academic Leave Sep 2006 to Dec 2007)  
Specialty: BioMEMS, Microfluidics, Polymer MEMS; Microphotonics  
Appointment: Associate Professor of BioEngineering  
Office: 461 Evans Hall  
Phone: 510-642-5855  
Email: lplee@socrates.berkeley.edu

**Dorian Liepmann**  
Specialty: BioMEMS; Microfluidics  
Appointments: Department Chair and Professor of Bioengineering; Joint Appointment to Mechanical Engineering  
Office: 463 Evans Hall  
Phone: 510-642-9360  
Email: liepman@me.berkeley.edu

**Liwei W. Lin**  
Specialty: MEMS Packaging and Assembly; BioMEMS; Microfluidics; Nanotubes/Nanowires  
Appointment: Professor of Mechanical Engineering  
Office: 5126 Etcheverry Hall  
Phone: 510-643-5495  
Email: lwlin@me.berkeley.edu

**Richard S. Muller***  
Specialty: MEMS Devices and Processes; Electronic Sensors and Actuators; Device Physics; Microphotonics  
Appointment: Professor of the Graduate School, EECS  
Office: 401 Cory Hall  
Phone: 510-642-0614  
Email: muller@eecs.berkeley.edu

**Clark T.C. Nguyen***  
Specialty: RF MEMS; Integrated Circuits; Resonators  
Appointment: Professor of EECS  
Office: 574 Cory Hall  
Phone: 510-643-4182  
Email: ctnguyen@eecs.berkeley.edu

**Albert P. Pisano**  
Specialty: Mechanical and Parametric Design of MEMS; Mechanical Systems; BioMEMS; Inertial MEMS; Wireless MEMS  
Appointments: Department Chair and Fanuc Professor of Mechanical Engineering; Joint Appointment to EECS  
Office: 6143 Etcheverry Hall  
Phone: 510-742-7200  
Email: appisano@me.berkeley.edu

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

**Richard M. White***  
Specialty: MEMS Devices and Electronics; Ultrasonics; Piezo Materials and Structures  
Appointment: Professor of EECS  
Office: 491 Cory Hall  
Phone: 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  
Office: 261M Cory Hall  
Phone: 510-643-0808  
Email: wu@eecs.berkeley.edu

*The VIF fee may, for the EECS Department, increase slightly from $55K for the second and subsequent years of their VIF appointments.*