THE DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING (ECE) at the University of British Columbia (UBC) believes strongly in the value of collaborating with alumni and industry toward our goal of improving society through innovative research and transformative learning experiences. Our relationships with our alumni and industry partners have strengthened and diversified over the years to more comprehensively meet the needs of industry and our communities.

There are a number of ways for members of industry and alumni to become directly involved with our programs and our students. We would like to invite you to share your knowledge and experience with our students, and to collaborate with and benefit from our leading research and innovation.

UBC ECE......

......is one of the top ECE departments in Canada, ranking #1 in terms of research funding per professor from the Natural Sciences and Engineering Research Council (NSERC).

......is home to 55 faculty members, 400 graduate and 1000 undergraduate students.

......has active programs in the areas of systems-on-chip/solid-state circuits, communication systems, computer and software systems, biomedical technologies, micro/nano technologies, and energy systems.

......proudly has many alumni in research, development and executive positions in Silicon Valley.
OPPORTUNITIES FOR INVOLVEMENT

RESEARCH PARTNERSHIPS — ECE’s relationships with external partners continue to flourish. An evolving approach to IP also encourages more collaborative research, resulting in patents, inventions, commercialization and significant value for industry and society. To connect with the department, please contact Dr. Andre Ivanov at ivanov@ece.ubc.ca or (604) 822-2342.

INDUSTRY AFFILIATES PROGRAM — Become closely involved with ECE through membership in our new affiliates program. The program builds meaningful, long-term relationships between companies and ECE, providing industry with direct access to our top graduates and researchers. For more information, please contact please contact Dr. Andre Ivanov at ivanov@ece.ubc.ca or (604) 822-2342.

CAPSTONE DESIGN PROJECTS — Connect with and challenge a team of our final year undergraduates through a Capstone Design Project. Industry can initiate projects by submitting technical issues for our students to solve — and can benefit from their results, and from effectively “pre-screening” potential employees. For more information, please contact Dr. Philippe Kruchten at pbk@ece.ubc.ca or (604) 827-5654. (http://www.ece.ubc.ca/CapstonePartners)

HOSTING STUDENT GROUPS — Engage directly with a group of our talented and ambitious students by hosting a tour at your facility and giving them a first-hand taste of the realities of a career at your company. For more information, please contact Ms Darya Sawycky at darya.sawycky@ubc.ca or (604) 827-0081.

CO-OP & INTERNSHIPS — Co-op work terms and internships provide valuable real world learning experiences for our undergraduate and graduate students. Students are available year-round for placements of various lengths of time. Our Faculty can help you find the ideal student to meet your needs. For more information, please contact the Engineering Co-op Office at eng.coop@ubc.ca or (604) 822-3022.

STUDENT RECRUITMENT EVENTS — Attend UBC and Engineering industry nights and career fairs, where you can connect with senior undergraduate and graduate students and present your company as an ideal choice for employment. Please visit http://engineering.ubc.ca/eng/industry/events

STUDENT MENTORSHIP — Connect with current undergraduate and graduate students and contribute to their development by becoming a mentor with one of our UBC Mentoring Programs. For information, please contact Ms Sarah Barclay at sarah.barclay@ubc.ca or (604) 822-9454.

STUDENT ENRICHMENT — Directly impact our students by contributing to enrichment initiatives, such as: student awards; competition teams and clubs; field trips and conference participation; and customized opportunities to engage with industry. For more information, please contact Ms Darya Sawycky at darya.sawycky@ubc.ca or (604) 827-0081.

ALUMNI ENGAGEMENT — Connect with other UBC alumni in your regional network and keep apprised of local activities by joining our Silicon Valley alumni branch. Please contact Ms Sarah Barclay at sarah.barclay@ubc.ca or (604) 822-9454.

BENEFITS OF ENGAGING WITH UBC

RESEARCH AND KNOWLEDGE TRANSFER — UBC has a world-wide reputation for excellence in research. Significant federal research grants and infrastructure funding attract top graduate students to state-of-the-art laboratories. Industry partners can benefit from direct access to the resulting top quality research at a low cost.

LOW OVERHEAD — Institutional overhead at UBC is extremely competitive, at only 25%.

EXPOSURE TO / RECRUITMENT OF TOP STUDENTS — Engagement opportunities provide direct exposure to our students, enhancing the profiles of industry partners as supporters of student education and research, and preferred potential employers. Engagement with UBC will help you to fill your HR needs with top-level engineering graduates.