Welcome to the New ECE Students
Who to Contact

Any questions email help@ece.ubc.ca

- **Graduate Office:**
  - Brandie – Graduate Programs Manager
  - Shelby – Human Resources Assistant
  - Sabrina – Financial Clerk
  - Darla – Business Operations Manager

- **Faculty:**
  - Dr Lutz Lampe – Graduate Advisor
  - Dr Andre Ivanov – Department Head
Health and Safety

- Bullying and Harassment Training
  - [http://riskmanagement.ubc.ca/courses/preventing-and-addressing-bullying-harassment](http://riskmanagement.ubc.ca/courses/preventing-and-addressing-bullying-harassment)
  - Once you finish, you will be provided with a certificate that you need to send to safety@ece.ubc.ca so we can note your successful completion.

- Safety Orientation
  - Log in to Connect using your CWL credentials
  - Search the Course Catalog and Self-Enroll in “Safety Orientation for Electrical and Computer Engineering” (self-enroll password = “eecesafety”)
  - Go into course and click on: ”Begin: First step, Who are you?” Select the year you are in
  - Follow the instructions - watch the video, complete the quiz, and finally complete the acknowledgement
UBC IT Services

- **CWL**
  - Your CWL account is your passport to many UBC services including the Student Service Centre, Library, UBC Wireless (ubcsecure), UBC VPN and etc.
  - It’s important to note your ECE account is not tied into UBC’s Campus-Wide Login (CWL) system. However, you will be required to log into ECE’s Self-Service Account Management tool with your CWL to set your ECE account password.

- **Email**
  - ECE users are eligible for two different email services.

- **ECE**
  - All ECE computer accounts include an ECE branded email address. The longevity of this email account post-completion of your program dependent on your supervisor. If you would like an UBC branded mailbox you can keep forever, ECE IT recommends the use of the Student and Alumni email service.

- **UBC – Student and Alumni Email**
  - UBC students are entitled to a new service called Student and Alumni Email. This service offers either an email forwarder, or an inbox with ActiveSync capabilities. With this new service, all past and present students are able to keep their email address indefinitely.
  - Details are available at [http://it.ubc.ca/services/email-voice-internet/student-alumni-email-service](http://it.ubc.ca/services/email-voice-internet/student-alumni-email-service)
  - ECE IT recommends the use of the new Student and Alumni Email service for general email usage.

- **UBC Virtual Private Network (VPN)**
  - When off-campus, you may use UBC’s VPN service to connect to access certain protected services (e.g., journal access via the UBC Library). Details are available at [http://it.ubc.ca/services/email-voice-internet/myvpn](http://it.ubc.ca/services/email-voice-internet/myvpn)

- **How Do I Get Help?**
  - For ECE IT services information, visit [http://help.ece.ubc.ca](http://help.ece.ubc.ca).
  - If you need further assistance, please send a request to help@ece.ubc.ca or visit us in MacLeod 105 between 8:30am-4:30pm, Monday to Friday.

- **Phishing Emails**
  - Do not click on any links that email you for your password. UBC will never do this. Send any phising emails to help@ece.ubc.ca.
What to do in Vancouver?

- Vancouver Fringe Festival
- Farmer’s Markets
- Night Markets
- Races (Color run, Color me Rad, Neon, Sun Run, Seawheeze etc)
- Free Concerts
- For more info go to www.vancitybuzz.com
What to do in Vancouver?

- Seawall
- Stanley Park
- Beaches
- UBC Rec programs
- For great food ideas for $5 or less check out the following website: [http://chowmenow.com/](http://chowmenow.com/)
Quiz!
Graduate Advisor

Dr. Lutz Lampe
  - Associate Head Research and International Outreach (includes Graduate Advising)

What I do:
  - Compile and coordinate information concerning deadlines, procedures, etc. and communicate these regularly to graduate students and faculty members.
  - Communicate between students and supervisors if a problem arises
  - Finds solutions to any special cases
Recommended Degree Timelines

- PhD
  - First Month
    - Meet with supervisor to discuss expectations of both student and supervisor, degree requirements, course selection, policies, research plan and timelines
  - First Two Terms
    - Complete required coursework. Must be completed with a passing grade (68%).
    - Begin research.
  - Within 12 months of registering
    - Formation of the Supervisory Committee
    - Prepare for the Qualifying Examination
  - Within 15 months of registering
    - Take the Ph.D. Qualifying Examination to be eligible for Ph.D. Candidacy
  - Following years
    - Complete research.
    - Complete thesis within 6 years of initial registration
Degree Timelines

- **MASc**
  - **Prior to Start Date**
    - Discuss with Supervisor course selection, expectations of both the student and supervisor, policies and timelines
    - Register for courses
  - **First Month**
    - Meet with supervisor to discuss coursework, research plan
  - **Fourth Month**
    - Decision made on research or advanced development project in consultation with supervisor
  - **Eighth Month**
    - Project Outline due
  - **Second Year**
    - If you and your supervisor wish you to upgrade to a Ph.D., ensure that you have completed requirements within first 18 months
    - Discuss research results from first year, possible further research, timeline to thesis completion
    - Complete research
    - Ideally, student will complete writing the thesis by the end of the second year
  - **Thesis Submission**
    - Approval by supervisor. This may be an iterative process.
    - Supervisor will identify members of the examining committee (must comprise of Supervisor, a Co-Reader and a Committee Chair)
    - Make copies of thesis publicly available and to examining committee at least one week prior to thesis defense date
    - Examination
    - Submission of signed thesis approval form and thesis to Graduate and Postdoctoral Studies.
Degree Timelines

- **MEng**
  - Prior to Start Date/First Month
    - Discuss with Supervisor course selection, expectations of both the student and supervisor
    - Register for courses
    - If completing an engineering report or supervised project, discuss topic and timeline with Supervisor
Expectation and Report Documents

- **Expectations Document**
  - Should have already received the expectations document
  - Required that you discuss it with your supervisor and send it back to our office

- **Progress Reports**
  - Once per year you will be asked to meet with your supervisors to discuss your progress and your goals for the next academic year
  - A copy of the report will be submitted to the department
Scholarships and Teaching Assistantships

- **Scholarships**
  - For all current scholarships please visit: [http://ece.ubc.ca/current-graduate-students/grad-society](http://ece.ubc.ca/current-graduate-students/grad-society)
  - You will receive emails about scholarship competitions
  - Welcome to apply to as many as you qualify for

- **Teaching Assistantship (TA)**
  - Application can be found online
  - Will receive email when the applications open
  - [http://ece.ubc.ca/our-department/openings/teaching-assistantships](http://ece.ubc.ca/our-department/openings/teaching-assistantships)
The academic enterprise is founded on honesty, civility, and integrity. As members of this enterprise, all students are expected to know, understand, and follow the codes of conduct regarding academic integrity.

It is your obligation to inform yourself of the applicable standards for academic honesty.

See our Policy and Procedures

http://ece.ubc.ca/academic-programs/graduate/policies-and-procedures/integrity-standards

Academic misconduct, plagiarism, dealing with and consequences of misconduct and plagiarism, turnitin, …
Research Areas

- Computer and Software Systems
  - Elizeu Santos-Neto
    - Completed PhD in August 2014
    - Supervisor Dr Matei Ripeanu
    - Software Engineer at Google.
    - Google intern in two opportunities during his PhD
    - Applied for internships before being hired full time. Knew people (former colleagues) who work for Google before he joined, but had to apply formally
Research Areas

- Biomedical Technologies
  - Noreen Kamal
    - Completed PhD in October 2013
    - Supervisor Dr Sid Fels
    - Postdoctoral Fellow in the Department of Clinical Neurosciences at the University of Calgary
    - "From this degree, I was able to obtain a postdoctoral position with the leading international researcher in stroke, Dr. Michael D. Hill at the University of Calgary. I am very fortunate to be part of a team that is leading an RCT (randomized control trial) for endovascular treatment of ischemic stroke patients, where a key pillar of this RCT is fast treatment (improving the quality of care). I will also be working closely with Dr. Hill on his recent AIHS CRIO award QuICR (Quality Improvement and Clinical Research for acute stroke - $5M over 5 years), where the backbone of this project is a provincial registry for acute stroke, which will provide information technology to improve the quality of care and conduct RCTs economically through the use of a randomized registry."
Emerging Micro/Nano Technologies

- Parham Yaghoobi
- Completed PhD in April 2012
- Supervisor Dr Alireza Nojeh
- Project Lead for ASML

"The skills that I have learned at UBC grad school (namely by working with you [Dr Nojeh]) has been to develop my fundamental understanding of a few branches of physics, learn how to challenge colleagues using my understanding, and be able to propose solutions. Of course having to setup many of the lab tools has been an invaluable experience since it has given me a 'feel' of how difficult certain measurements can be and how they can be improved. Your persistence on clarifying ideas to their simplest form to get a clear message across to the audience has also been very valuable in the past 18 months."
Communication Systems

- Roee Diamant
- Tenure Track Professor at the University of Haifa
- Completed PhD in

When Roee Diamant was in the middle of his 8 year career as a system engineer, his manager convinced him that earning a PhD degree would boost his career in industry. Well, it backfired. After coming to UBC, Roee received the Vanier and FYF scholarships, formed international collaborations, published 8 journal papers, and basically found his place as an academic researcher. Currently, Roee holds a tenure track position in the University of Haifa, and after receiving a 1M$ grant, is building the first underwater acoustic laboratory in Israel. Coming to Vancouver with one kid and leaving with three, Roee is an example that successful research is not only the domain of work addict bachelors. "I found out that the ability to utilize your experience and knowledge while being able to think outside the box is what makes you successful", says Roee.
Research Areas

- **Power Systems**
  - Matias Anun
  - Completed MASc in August 2014
  - Supervisor Dr Martin Ordonez
  - Firmware Developer for Solar Energy at Schneider Electric
  - “My success in securing this position was possible after a hard studying and working period at the Alpha Power Lab supervised by Dr. Ordonez. My research focused in the development of high-performance control strategies for power converters applied to renewable energies, more precisely, electric vehicles. The combination of a highly qualified research team supervised by Dr. Ordonez and valuable resources allowed me to grasp the highest knowledge level in the power conversion field.”
Research Areas

- **Hamed Mohsenian-Rad**
  - Completed PhD in August 2008
  - Assistant Professor at the University of California at Riverside

- **Orcun Goksel**
  - Completed MASc 2004 and PhD 2010
  - Professor at the Swiss Federal Institute of Technology (ETH) Zurich
  - "Recently, I have been promoted to an assistant professor position in this institution, which, I feel, is greatly thanks to the solid technical, research, and communication skills I acquired during my time at UBC ECE. Studying there was one of the best decisions in my life."
Research Areas

- **Brad Quinton**
  - Completed PhD in October 2008
  - CEO – Invionics Inc.
  - Adjunct Professor – ECE UBC

- **Ashish Uthama**
  - Completed MASc in October 2007
  - Senior Software Engineer, Image Processing Toolbox, Mathworks
  - "In addition to a Master's Degree, in my two years at UBC I gained a lot more. I was able to build my skills in research, programming, project management and effective communication. Working as part of a research lab with highly motivated and intelligent people from diverse fields adds a new facet to regular coursework and gives you a different perspective of the knowledge you gain.”
Research Areas

- Mehrdad Fatourechi
  - Completed PhD in January 2008
  - Chief Technology Officer at BroadbandTV Corp
  - “My training at UBC significantly helped me with my success at BBTV, as I could use all the experience that I had gained from my valuable teachers (Dr. Ward and Dr. Birch), mentorship of students, teaching in the class and collaboration in a research environment, to build a very successful team and environment.”

- Ian Stavness
  - Completed MASc in December 2006, PhD in December 2010
  - Assistant Professor, Department of Computer Science, University of Saskatchewan
  - “UBC provided an excellent environment to pursue different research directions with top researchers in different fields. had the opportunity to work with Dentists, Clinicians, Mechanical Engineers, and Computer Scientists and expand my skills and expertise across a range of disciplines.”