Summer 2018 – Bell Labs Internship Program
Research Area: *Physiological Communications*

Biology and medicine have heavily relied on technological advances to understand how the human body works and to improve medical care. These advances range from basic measurement devices (e.g. ECG) to advanced real-time diagnostics (e.g. fMRI), and from basic surgical tools (e.g. scalpel) to advanced surgical robots (e.g. da Vinci surgical system). Today, there is rising interest in developing innovative materials and devices at the micro/nano-scale, which can intimately interface and integrate within the human body. This can enable improved diagnostics, prevention and even treatment of medical ailments including disease, cancer and traumatic injury.

With a vested interest in improving the quality of human life, the well-known Nobel Prize winning organization Bell Labs has launched a new interdisciplinary program in Physiological Communications. Going beyond wearable technologies, we are developing smart, biocompatible platforms to actively probe and engage intact biological systems. Advancing research on this front inevitably requires an interdisciplinary approach, utilizing the knowledge and expertise from diverse fields of research.

To this end, we are seeking highly-motivated, talented and enthusiastic graduate students to take part in this year’s Bell Labs Summer Internship Program at Murray Hill, NJ. This is a 10-week paid internship, ideally for graduate students and post-docs (or exceptional undergraduates with research experience). Based on performance, candidates will also be considered for full-time employment. Students will have the opportunity to learn and work with world experts, while contributing to the on-going efforts with their expertise and experience in a classical Bell Labs-style setting.

**Education Requested:** Must be pursuing a degree in Biochemistry, Biomedical Engineering, Biophysics, Chemical Engineering, Chemistry, Electrical Engineering, Materials Science, Microbiology or Nanotechnology from an accredited college/university. Experience with biosensing, optical sensing, bio/nano-materials, microfluidics, cell culture and/or electronics is a major plus.

Please [CLICK HERE](#) to apply today!

For any questions of concern, please contact:
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