

Exploring career options after a degree in Computational Biology

The Student Council's career central is an initiative to organize events during ISMB dedicated to helping students and Post-Docs with the development of their careers. This year features a panel discussion on **career options after a degree in computational biology**.



Date, time and place: **Sunday July 10th 2016, Northern Hemisphere E3/E4, 12:45 PM -1:45 PM** (During the conference lunch break)

	<p>Dr. Amoolya Singh is a computational biologist and Senior Scientist at Amyris. She leads Amyris R&D's Scientific Computing group, whose work includes computational biology & data science. Amoolya obtained a bachelor's degree with honors at Carnegie Mellon double majoring in Biology and Computer Science; and a Ph.D. in computational biology from UC Berkeley. Between degrees, she worked as a software engineer at an Internet startup, a multinational wireless telecommunications firm, and a Wall Street investment bank. Prior to joining Amyris, Amoolya completed a postdoctoral fellowship at the European Molecular Biology Lab in Heidelberg, Germany and a Computational & Life Sciences fellowship at Emory University (with Bruce Levin) in the fields of comparative genomics and metagenomics, population genetics, and experimental evolution.</p>
<p>Dr. Sarah Teichmann is interested in global principles of protein interactions and gene expression. In particular, her research focuses on genomics and immunity. Sarah did her PhD at the MRC Laboratory of Molecular Biology (Cambridge/UK) and was a Beit Memorial Fellow at University College London. She started a group at the MRC Laboratory of Molecular Biology in 2001. In 2013, she moved to the Wellcome Genome Campus in Hinxton/Cambridge, where her group is joint between the EMBL-European Bioinformatics Institute and the WT Sanger Institute. From 2016, Sarah is Head of Cellular Genetics at the WT Sanger Institute. Sarah is an EMBO member and fellow of the Academy of Medical Sciences, and her work has been recognized by a number of prizes, including the Lister Prize, Biochemical Society Colworth Medal, Royal Society Crick Lecture and EMBO Gold Medal.</p>	
	<p>Prof. Judith Blake is a professor at Jackson Laboratories, and her research focuses on the development of systems to integrate and analyze genetic, genomic and phenotypic information. She is one of the principal investigators of the Gene Ontology (GO) Consortium as well as at the Mouse Genome Informatics (MGI) project at The Jackson Laboratory. Prof. Blake did her PhD in Biology at Harvard University after an M.A in Biology, also at Harvard, and a B.A in Biology at University of Connecticut. Apart from her role at the Jackson Laboratories, Prof. Blake also serves as Associate Professor of medicine at Tufts school of medicine, and as graduate faculty at University of Maine. She is also an elected member to the ISCB Board of Directors, and she chairs the public affairs and policies committee therein.</p>