

Keck School of Medicine of USC

Translational Biotechnology Seminar and Discussion

What Does a Consultant Do? Is It the Right Fit for Me?



Cecilie Boysen, Ph.D.
Freelance Consultant

Lecturer, Translational Genomics
Keck School of Medicine, USC

Wednesday, April 4, 2018

1:00 – 2:00 pm

West Conference Room

Norris Medical Library, HSC

Dr. Boysen obtained her Cand. Scient in Biochemistry from Univ. of Copenhagen in Denmark, and her PhD in Biology from Caltech, Pasadena in the lab of Leroy Hood. Here she developed the DNA sequencing technologies for the use of Bacterial Artificial Chromosomes as the preferred substrate for the human genome project, while sequencing T cell receptor loci in human and mouse. She currently teaches Target and Pathway Discovery course at Keck School of Medicine of USC.

Dr. Boysen has been consulting in bioinformatics and genomics for more than eight years, both as an individual consultant and as senior manager for CLC bio/QIAGEN's Bioinformatics Consulting Services in Advanced Genomics. From sourcing to closing transactions, from requirements to delivery, Dr. Boysen has been managing all aspects of projects and been responsible for solutions to analyze GWAS and Next Gen Sequencing data. From Gene Panels and Exome, HLA, antibody/TCR sequences, mitochondrial, viral and bacterial typing, metagenomics, as well as forensics applications in partnership with diagnostics/pharma/biotech companies, hospitals, academic, reference and government labs.

Using examples from her experience as a freelance consultant as well as US manager for QIAGEN's bioinformatics consulting team, Dr. Boysen will discuss the many aspects of being a consultant. She will touch upon different kinds of consulting, from giving advice for setting up your diagnostic pipeline to delivering software solutions. She will also point out some of the advantages and disadvantages to being a consultant, and why it might be a good fit for some, but not for other personalities and lifestyles.

**Sponsored by MS Program in Translational Biotechnology
Department of Translational Genomics**