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CONTROL ID: 3402612

PRESENTER: Kim Love

PRESENTER (INSTITUTION ONLY): K. R. Love Quantitative Consulting and Collaboration

TITLE: Private Consulting: Team Science for Hire

ABSTRACT BODY:

Abstract Body: Can a private statistical consultant truly be part of a research team? The answer is an emphatic "yes." While private consulting can look very different depending on an individual's knowledge, background, and areas of specialization, collaborative relationships remain at the heart of statistical and data science practice. In this presentation, I will highlight my own experiences as a collaborative team member when working with clients from academia, industry, and everything in between. I will contrast and compare these team science experiences, with particular focus on the challenges introduced by the unique role of private consultant, along with the advantages afforded by its flexibility.

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CONTROL ID: 3402823

PRESENTER: Frank Bretz

PRESENTER (INSTITUTION ONLY): Novartis

TITLE: Statistical leadership in the digital age

ABSTRACT BODY:

Abstract Body: Scientists in every discipline are generating data more rapidly than ever before, resulting in a constant need to drive for innovative solutions. Quantitative methods and tools evolve over time in an ever changing landscape and each of us needs to embrace these changes. It requires strong statistical leadership to guide multidisciplinary teams in the design and planning of scientific research and making decisions based on data. It also requires a greater appreciation of the unique capabilities of alternative quantitative disciplines such as machine learning, data science, and bioinformatics which represent an opportunity for statisticians to achieve greater impact through collaborative partnership. Examples taken from pharmaceutical drug development are used to illustrate the concept of statistical leadership in a collaborative multidisciplinary team environment.

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