Summary of statistical consultation provided from 2012 - present

Since I began my position in 2012, I have provided statistical consultation on Master’s theses, Doctoral dissertations, manuscripts, and grant applications. This summary provides an overview of that consultation and details about consultation related activities not reflected on my CV.

In total, I have provided roughly 265 hours of consultation to present (~140 in 2012-2013, 66 in 2013-2014, 37.25 in 2014-2015, and 21.5 so far this year). This consultation resulted in co-authorship on 10 published or in-press manuscripts (1 – 2013, 4 – 2014, 5 – in-press), 6 manuscripts that are currently under review, 3 book chapter that are in-press, and 19 conference presentations (4 – 2013, 5 -2014, 10 - 2015). In addition, I have consulted on and will be a co-author on 2 manuscripts not listed on my CV that are currently in preparation. I am a statistical consultant on two currently funded grants at the University of Utah, one currently funded grant at the University of North Carolina, Chapel Hill and an R15 submitted at the University of California, Fullerton that recently received a priority score of 18%, which is below the current payline for NIMH. In addition to these funded awards, I have consulted on 16 unfunded extramural grants on which I was a co-Investigator (6 – 2012, 2 – 2013, 7 – 2014, and 1 so far in 2015); I will also be a statistical consultant (as a co-Investigator) on two additional R01 grant applications that will be submitted by the February 5, 2016 NIH deadline. I have also served, or am serving, on 14 Doctoral dissertation committees (4 – 2012, 5 – 2013, 2 – 2014, 3 -2015) and 9 Master’s thesis committees (4 – 2012, 4 -2013, 1 -2015), and my role on these committees has largely centered around providing statistical consultation. Finally, in addition to providing this direct consultation, I have also contributed to the availability of consultation services in the department through supervision of the graduate student consultant position that we established in 2014.

1 - Please note that my expected number of hours this year was halved from 55 to 27.5 because of a Junior Research Leave in the Spring semester

Computational Mental Health Work Group

Dr. Panos Georgiou of the Electrical Engineering Department at USC and I co-founded the Computational Mental Health Work Group (CMH) in the Summer of 2015. CMH is an interdisciplinary work group comprised of faculty members in Psychology, Psychiatry, Counseling, Health Sciences, and Engineering departments who are committed to advancing computational models and technology-facilitated methods of assessment, diagnosis, and treatment of mental illness. Our initial meeting, held in Los Angeles in May, 2015, has resulted in an accepted conference symposium for this year’s upcoming SPSP conference, an accepted workshop on Machine Learning at this year’s upcoming APS conference, a pre-conference interdisciplinary workshop at this year’s upcoming InterSpeech conference, and an accepted symposium at next year’s APS conference.

CMH grew out of a week-long, Volkswagen Foundation funded summer school that was held in July, 2014. This summer school provided funding for 46 researchers (25 German, 9 US, 4 Swiss, 5 British, 2 Italian, and 1 Russian) to attend a week long training in Heidelberg,
Germany on applying Behavioral Signal Processing, Natural Language Processing, and Machine Learning methods to dyadic interactions. I was co-PI on the Volkswagen Foundation funded award and co-led the training with Dr. David Atkins of the Psychiatry and Behavioral Sciences Department at the University of Washington.

Dr. Georgiou, the other members of CMH, and I are taking several steps to sustain and grow this workgroup. One that I am particularly excited about is that Dr. Zac Imel, of the Counseling Department at the U of Utah, and I were recently invited to submit a full application to the Sorensen Family Foundation to fund an initial CMH conference that would be held in the greater Salt Lake City area. The application was supported by the Psychology, Counseling, Psychiatry, and Computer Science Departments as well as by Dr. Ruth Watkins. If successful, the application would fund a two-day, interdisciplinary conference modeled after the Wisconsin Symposium on Emotion. We are currently awaiting the outcome of the application.