

## **Interpersonal Relationships and Applied Methodologies (IRAM) Research Group**

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### **IRAM Overview**

Dr. Wickham's research has focused upon several lines of research investigating the association between authenticity and interpersonal functioning and psychological well-being. He is preparing a study examining intra- and inter-individual differences in felt authenticity and attachment orientation, and the degree to which these various components may account for cross-role variation in perceived closeness and interpersonal trust. He also has focused on the development and beta-testing of a software platform known as xxM (<http://xxm.times.uh.edu/>). xxM is unique because it allows researchers to examine n-level latent variable models for hierarchically nested and/or cross-classified data structures. xxM essentially allows us to simultaneously model a large number of complex sources of random variation (time, geographic location, organizational/institutional structure) in outcome variables, which commercial software packages (e.g., SAS, SPSS, MPlus) are not equipped to accommodate. This is the basis of a current IRAM research project.

### **Current IRAM Project:**

The research group is currently collecting data for an Intensive Longitudinal Continuous Cohort (IL-CC) Study called Project LIFEYEAR. This study aims at understanding the interactions between psychological, social, and ecological (e.g. climate) factors for individuals over the course of one year. The longitudinal design of this study provides novel and important information about the roles of interpersonal and environmental factors on daily well-being.

### **Student Projects:**

Students typically develop a topic of personal interest in their first year in this group and are encouraged to continue with that analysis or investigation of a related topic as the basis of their dissertation study.

The research projects will allow the students to gain research skills from designing a study, literature reviews, recruiting subjects, administering tests and interviews, data entry and data analyses, presenting at professional conferences, and possibly writing manuscripts. Students will also be encouraged to conduct their own research projects and compete for student awards, fellowships, and grants. This training is aimed to help the student become a more independent researcher by the time he/she advances for dissertation.

Current student projects cover such topics as: Conducting a Monte Carlo simulation study of the impact of dichotomizing substance use items on class recovery in mixture modeling;

internet gaming and addiction; trauma; intergenerational trauma; forensic focused research; facial recognition and microexpressions

**Openings:** 3 openings to join the research group in Fall 2016.

**Apply:** Interested students can attend a meeting of the Research Group during any quarter. Please contact Charlotte Beard (cbeard@paloaltou.edu ) or Holly Buckman (hbuckman@paloaltou.edu) to schedule a visit.

Students interested in joining the research group starting 2016 are asked to submit the following items to Dr. Wickham (via email) by 5pm on the PAU uniform research group application date. Please combine all documents into one file.

1. Curriculum Vitae
2. Cover Letter describing your research skills/experiences as well as a summary of how this research group fits with your research interests and broader career goals for the future.
3. Your research proposal written in PAU's Research Methods course.

**Notification:** Students accepted into Interpersonal Methods and Applied Methodologies Research Group for the 2016 cycle will be notified by email by the PAU uniform notification date.

### **Students in Publications:**

Wickham, R.E., Williamson, R., Beard, C. L., Kobayashi, C., & Hirst, T. (2016). Authenticity attenuates the negative effects of interpersonal conflict on daily well-being. *Journal of Research in Personality*, 60. 56-62.

Haas, A. L., Wickham, R., Macia, K., Shields, M., Macher, R., Schulte, T. (in press). Identifying classes of conjoint alcohol and marijuana use in entering freshman. *Psychology of Addictive Behaviors*. Available online at <http://www.apa.org/pubs/journals/adb>

Beard, C. L., & Wickham, R. E. (under review). Gaming-Contingent Self-Worth, Gaming Motivation, and Internet Gaming Disorder.

Haas, A.L., Borish, S.E., Wickham, R.E., Beard, C., & Haug, N. (under review). Do drinking motives and college involvement mediate the relationship between depressive symptoms and risky drinking behaviors?

### **Academic Presentations and Posters:**

Beard, C., Matsumoto, M., & Wickham, R.E. (under review). *Gaming and depression: The meditational role of cannabis use*. Poster submitted for presentation at the 2016 American Psychological Association annual Convention in Denver, CO.

Wickham, R., Beard, C., Rothblum, E., Riggle, E., & Balsam, K. (2016). *Perceptual accuracy and bias in conflict styles among same-sex and heterosexual couples*. Symposium accepted for presentation at the 2016 American Psychological Association annual Convention in Denver, CO.

Macia, K.S., & Wickham, R.E. (2016). *The impact of item scale misspecification and dichotomization on class and parameter recovery in LCA of count data*. Poster accepted for presentation at the sixth annual Modern Modeling Methods Conference, Storrs, CT.

Beard, C., Wickham, R. E. (2016). *Gaming-contingent self-worth: Measurement and relationship with Internet gaming disorder*. Poster presented at the 2016 Society for Personality and Social Psychology conference, San Diego, CA.

Wickham, R., Williamson, R., Beard, C., Kobayashi, C., & Hirst, T. (2016). *Authenticity attenuates the negative effects of interpersonal conflict on daily well-being*. Poster presented at the 2016 Society for Personality and Social Psychology conference, San Diego, CA.

Borish, S., Beard, C., Wickham, R. E., Haug, N. & Haas, A. (2015). *Risky drinking and depression: Using structural equation modeling to understand the relationship between psychopathology, motives, college connectedness and alcohol problems*. Poster presented at the 2015 Research Society on Alcoholism conference, San Antonio, TX.

Gibbs, E., Borish, S., Beard, C., Wickham, R. E., & Haas, A. (2015). *Do behavioral motives mediate the relationship between risky drinking and alcohol-related sexual consequences? A gender comparison*. Poster presented at the 2015 ABCT conference, Chicago, IL.

Macia, K. S., Reed, D., Williamson, R., Wickham, R. E., & Haas, A. L. (2015, June). *Drinking and the occurrence of alcohol-induced blackouts across first year of college: A parallel latent growth model*. Poster presented at the 38th Annual Research Society on Alcoholism Scientific Meeting, San Antonio, TX.