Transdiagnostic Attention Intervention (TRAIN) Lab

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The Transdiagnostic Attention Intervention Lab focuses on three main areas:
1. Interventions that leverage the role of attention as a transdiagnostic feature of mental health
2. Use of a range of technological platforms for interventions: telehealth, virtual reality, augmented reality, and self-guided internet-based
3. Application of eye tracking to understand link between attention and mental health

Students will have the opportunity to take part in the research process at all levels:
- Original intervention research (development of an intervention, psychological assessment, intervention administration, data analysis, and presentation/publication)
- Novel attention assessment/intervention research using eye tracking technologies
- Secondary analyses of existing datasets utilizing a range of statistical approaches (e.g., Bayesian multilevel modeling, network analysis, etc.)

Ongoing/recently completed research efforts include:
- Virtual reality for the treatment of social anxiety
- Self-guided internet-based treatment for social anxiety
- Single session telehealth mindfulness intervention for loneliness
- "Day At Home" internet-based gamified behavioral change intervention

Future research:
- Use of wearable eye trackers to understand attention during assessment and intervention
- Brief virtual and augmented reality interventions for anxiety
- Internet-based transdiagnostic attention bias intervention
- Single session mindfulness-based telehealth interventions

Expectations:
- Attend and participate in weekly lab meetings
- Individual meetings at least 1x/quarter
- Ongoing contribution to at least one research project (based on the best fit between student interest and project/lab needs)
- Involvement in conference presentations and publications

How to Apply: email the following to mikaelrubin@utexas.edu
1. Curriculum Vitae (CV)
2. Letter of interest (briefly describe prior research experience, research fit with the lab, and long-term goals. Also, note any experience/interest in statistics, computer software/programming, and technologies like virtual or augmented reality)

Select students will be invited to interview to learn more about their possible fit with the lab. Accepted students will be notified on the PAU uniform notification date.