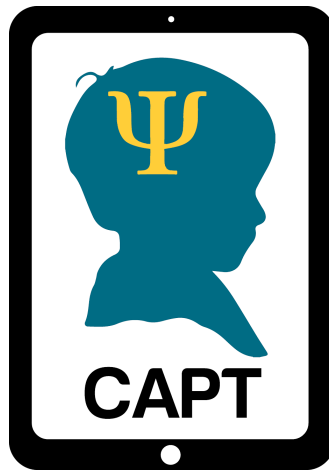


Children and Adolescents Psychotherapy and Technology (CAPT) Research Lab
Faculty Advisor: Eduardo L. Bunge, Ph.D.



The Children and Adolescents Psychotherapy and Technology (CAPT) Research Lab is a research group emphasizing an evidence-based approach to childhood and adolescence disorders and the integration with new technologies. The research group seeks to enhance clinical practice by developing and evaluating evidence-based psychological interventions using Internet sites, eHealth, and mHealth applications. This novel group will focus on the numerous technological resources that could improve the impact of the current clinical resources for youth. Examples of these types of technological resources are:

- Artificial Intelligence-based Chatbots for mental health with children, adolescents, and parents
- Integrating technology with face-to-face psychotherapy
- Videoconference therapy
- Virtual reality
- Videogames for Mental Health

This group is highly goal-oriented, meeting every week for 2 hours, and reviewing each member's progress and task completion for the previous week. The lab works very collaboratively with one another, specifically working in groups on research projects with the overall topics of child disorders and technological interventions.

See lab website: [link](#)

Project Examples:

- Chatbot Studies- Our current projects are the following:
 - Analysis of messages sent to a chatbot about autism.
 - Chatbot to teach social skills to adolescents with autism.
 - Parent training chatbot micro intervention.
 - Chatbot for depression: Adolescent perceptions
- Video Game (SPARX) for Depression in children and adolescents.

- Video conference therapy with children and adolescents
- Book Chapters-
 - Digital Interventions with Adolescents
 - Psychopathology in Children and Adolescents
- Micro Mood Intervention on the Internet in collaboration with the i4Health Lab
- See a list of publications [here](#) and a list of current dissertation topics [here](#)

Note: you do not need to be a twitch wizard at all :)

How to learn more: We hope you'll join us for a lab meeting to learn more about our current projects and to meet other members. We meet weekly on Fridays from 12-2 pm at the Mountain View campus or via Zoom. Contact saghakhani@paloaltou.edu and ebunge@paloaltou.edu if you're interested in joining.

How to apply: Interested students are asked to submit the following information to saghakhani@paloaltou.edu & ebunge@paloaltou.edu

1. Curriculum Vitae
2. Research Interest Statement/Cover letter (no more than 200 words)
3. Research Proposal Paper
4. Any publications/posters
5. Transcript

CAPT Current Members

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