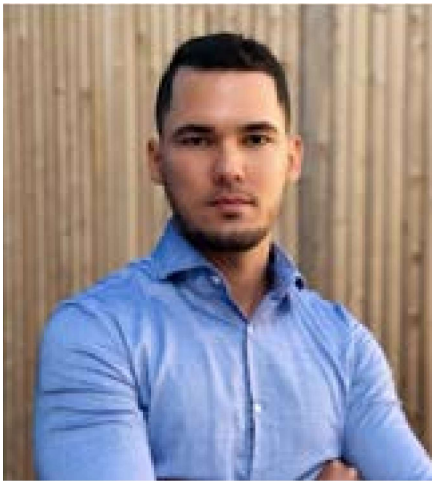
COLLEGE OF ENGINEERING
BIOENGINEERING
SEMINAR

Temple University
College of Engineering

Friday
Jan 28
12pm

VIA ZOOM



Jean Cruz, PhD

Associate Consultant

ZS Associates

Jean completed his PhD in the Department of Biomedical Engineering at Cornell University, in where he discovered and characterized the main cellular mechanism responsible of the hypoperfusion and cognitive decline in Alzheimer's disease. In addition, he designed and developed multiple imaging systems for a variety of clinical purposes. His PhD work have been the basis of several short film, documentary and the first citizen science/crowdsourcing game "Stall Catchers" to speed up the research in Alzheimer's disease.

He went on to a postdoctoral position at Harvard Medical School, in where he discovered and characterized the cells and fluid dynamics between the central nervous system and the calvarial bone marrow. He also developed new imaging tool and strategies that allows 1) in vivo imaging of leukocyte-endothelial interactions in the mouse and human retina as a noninvasive method for assessing central nervous system inflammation; 2) in vivo imaging and characterization of multiple cell dynamics in the brain and spinal cord (simultaneously) under central nervous system inflammation and 3) in vivo imaging and characterization of the bone marrow microenvironment in order to improve bone marrow transplantation and treatment for leukemia and other hematologic malignancies.

During his academic journey, Jean has been author of 15+ top tier peer review articles and co-inventor of 4 patents. Recently, Jean joined ZS Associates as a Business Consultant in where he leads in: Pipeline, Launch and Strategy (PLS), Emerging Biotech, and Medical Affairs divisions.

@TEMPLEBIOE

For more info on BioE Seminars or for how to participate remotely via Zoom (Zoom ID: 923 7875 8038), please contact Dr. Wang (karin.wang@temple.edu) or Dr. Bellas (evangelia.bellas@temple.edu).

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