

October 9, 2014

UROP Adjudication Committee
UH Manoa

To Whom It May Concern:

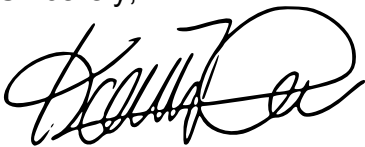
It is with my pleasure to write this reference letter for Mr. Nathaniel Saul to support his **UROP Undergraduate Research Grant** submission. I met Mr. Saul through the research collaborations with Dr. Scott Lozanoff, Professor and Chair of the Department of Anatomy, Biochemistry and Physiology.

The kinesiotape project involves expertise from multiple disciplines. The purpose of this study is to examine the effect of kinesiotape in lifting the cutaneous tissue and creating "space" within the subcutaneous tissue, which is theorized to facilitate the lymphatic flow inducing the therapeutic effect of pain and edema reductions. The primary focus of this project is to compare the thickness and shape of the subcutaneous tissue pre- and post-kinesiotape recorded by MRI. While the department of Kinesiology and Rehabilitation Science (KRS) is mainly responsible for coordinating the project including IRB approval and data collection, Dr. Lozanoff provides expertise for data analysis, which requires specialized software to accurately quantify the area of interest derived from a series of the imaging. We are very excited to have Mr. Saul on board to assist Dr. Yuriy Mileyko in the Department of Mathematics with software development, which is an essential part of the project. The development of morphometric software allows first and most objective assessment of kinesiotape effect.

The project is under IRB review, however, Mr. Saul is not required to obtain CITI training certificate since he is considered as "expert" working with anonymous images without access to any participants' information. We expect to start the data collection next month, as soon as study is approved.

I highly support Mr. Saul's application, and KRS project members are very excited to collaborate with the department of Mathematics through working with Mr. Saul.

Sincerely,



Kaori Tamura, PhD, ATC
Assistant Professor
Department of Kinesiology and Rehabilitation Science