

THE UNIVERSITY OF MICHIGAN
REGENTS COMMUNICATION

ACTION REQUEST

Subject: Subcontract Agreement between the University of Michigan and Svaati Scientific, LLC

Action Requested: Authorization to enter into Agreement

Preamble:

A statutory conflict of interest situation was identified by the Office of Research and Sponsored Projects while reviewing the proposed agreement which then triggered a review by the OVPR Conflict of Interest Review Committee. A plan for management of the possible risks associated with any conflicts of interest was developed and approved by the Committee and agreed to by the parties involved.

The proposed agreement ("Agreements") falls under the State of Michigan Conflict of Interest Statute because Professor Mark Hammig is an employee of the University of Michigan ("University"), and a partial owner of Svaati Scientific, LLC. The law permits such an Agreement provided it is disclosed to the Board of Regents ("Regents") of the University of Michigan and approved in advance by a 2/3 vote.

Background:

Dr. Hammig, an Assistant Research Scientist in Nuclear Engineering and Radiological Sciences, College of Engineering, is a partial owner of a for-profit company called Svaati Scientific, LLC (the "Company"). The Company wishes to fund a NASA (prime) SBIR Phase I project entitled "High-Resolution Silicon-based Particle Sensor with Integrated Amplification" (ORSP# 13-PAF05728) in the College of Engineering under the direction of Dr. Hammig. The purpose of this project is to support the Company in developing a silicon-based position-sensitive diode imager for electrons, protons, and heavy ions with an integrated avalanche structure for on-chip amplification that delivers at least an order of magnitude improvement in energy resolution compared with existing silicon strip detectors. UM personnel will assist in simulating the detector responses, providing guidance of the fabrication, and assist in detector testing.

Agreement Terms:

The terms of the Agreement conform to University policy. The period of performance for the project is approximately six (6) months. The amount of funding support will not exceed \$24,109.

Impact of the Agreement

The Agreement will support an effort by Dr. Hammig to use his expertise and University laboratory, as well as other University resources to develop and evaluate the technology further by simulating the detector responses, providing guidance of the fabrication, and assist in detector testing.

Recommendation:

This matter has been reviewed and approved by the OVPR Conflict of Interest Review Committee. In light of the disclosure made in this document and our findings that the Agreement was negotiated in conformance with standard University practices. I recommend that the Board of Regents approve of the University's entering into this Agreement with Svaati Scientific, LLC.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Stephen R. Forrest". The signature is written in a cursive style with a large, looping initial "S".

Stephen R. Forrest
Vice President for Research

June 2013