Final Report: Acquisition of a Multi-Domain Advanced Real-Time Simulator to Support DoD-focused Interdisciplinary Research at CSUB

The views, opinions and/or findings contained in this report are those of the author(s) and should not contrived as an official Department of the Army position, policy or decision, unless so designated by other documentation.
RPPR Final Report
as of 18-Oct-2017

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STEM Degrees: STEM Participants:

Major Goals: The goal of this project is to acquire a Multi-Domain Advanced Real-Time Simulator (MDARTS) to be housed at California State University, Bakersfield (CSUB), a Hispanic Serving Institution. MDARTS physically interfaces parts of a system (known as units under test) while simulating the rest of the system using real-time hardware and software (also known as hardware-in-the-loop). The instrument will provide real-time simulation capabilities, which are now key to the development and validation of a wide range of advanced engineering systems for increasingly complex applications, including those of interest to the DoD.

Accomplishments: The proposed MDARTS equipment has been purchased and has been recently delivered to CSUB. The installation and training portion of the project is also scheduled for late October, early November 2017.

Training Opportunities: The acquired equipment will provide the opportunity for CSUB faculty and student to perform advanced research at CSUB. The training sessions scheduled for the equipment is publicized by email and flyers in advance so the student and faculty can plan and attend to learn about the acquired equipment.

Results Dissemination: Nothing to Report

Honors and Awards: Nothing to Report

Protocol Activity Status:

Technology Transfer: Nothing to Report

PARTICIPANTS:

Participant Type: PD/PI
Participant: Saeed Jafarzadeh
Person Months Worked: 1.00
Funding Support:
Project Contribution:
International Collaboration:
International Travel:
National Academy Member: N
Other Collaborators:
Acquisition of A Multi-Domain Advanced Real-time Simulator to Support DoD-focused Interdisciplinary Research at CSUB

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Contract Number: W911NF-16-1-0429
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PI: Dr. Saeed Jafarzadeh (California State University Bakersfield)

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Accomplished under Goals
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