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Organization: Pace University New York Campus

Review #3

Proposal Number: 0710790
Performing Organization: Pace University
NSF Program: Robust Intelligence
Principal Investigator: Benjamin, David P
Proposal Title: Cognitive Robot Schemas: Integrating Perception, Language and Planning in a Mobile Robot
Rating: Multiple Rating: (Good/Fair)

REVIEW:

What is the intellectual merit of the proposed activity?

This proposal suggests to build a cognitive architecture with full range of abilities. The proposed research agenda is an ambitious one and important one. However, I'm uncertain if the PI has sufficient equipment and human resources to carry out the proposed research.

Although the PI claims the project is a multi-institution proposal, there is no supporting letter or any other evidence to support the claim. It's not clear if the proposed research is feasible given the time frame and the requested resources.

It appears to be more a system development than a true long term scientific research project.

What are the broader impacts of the proposed activity?

I'm uncertain if significant scientific advances will be made. It's also unclear that a robust and useful software system will be developed.

The PI suggested a few outreach activities associated with South Street Seaport Museum in NYC, developing historical data mining for the museum at Pace Univ. The project will be accessible to underrepresented groups (particularly women).

Summary Statement

The proposal focuses more on software development. It's unclear if it will have any significant scientific impact. However, its outreach activities appear interesting.

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