



EXEMPTION GRANTED

[Adam Doupe](#)

[SCAI: Computing and Augmented Intelligence, School of](#)

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doupe@asu.edu

Dear [Adam Doupe](#):

On 2/21/2022 the ASU IRB reviewed the following protocol:

Type of Review:	Initial Study
Title:	Expediting Binary Analysis Through Data Dependency Graphs and Proximity Control Flow Graphs
Investigator:	Adam Doupe
IRB ID:	STUDY00015332
Funding:	Name: DOD: Defense Advanced Research Projects Agency (DARPA), Funding Source ID: FP00017167
Grant Title:	<i>CHECRS: Cognitive Human Enhancements for Cyber Reasoning Systems</i>
Grant ID:	<i>FP00017167</i>
Documents Reviewed:	<ul style="list-style-type: none">• Consent_Form, Category: Consent Form;• DARPA Proposal, Category: Sponsor Attachment;• Debugging and Vulnerability Challenge Questions, Category: Measures (Survey questions/Interview questions /interview guides/focus group questions);• Debugging_and_Vulnerability_Survey, Category: Measures (Survey questions/Interview questions /interview guides/focus group questions);• Entire Experiment Text Outline, Category: Participant materials (specific directions for them);• Instructions / Greeting, Category: Recruitment Materials;• IRB Form, Category: IRB Protocol;• Recruitment Message, Category: Recruitment Materials;• Reverse Engineering Challenge Questions,

	Category: Measures (Survey questions/Interview questions /interview guides/focus group questions); • Reverse_Engineering_Survey, Category: Measures (Survey questions/Interview questions /interview guides/focus group questions);
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The IRB determined that the protocol is considered exempt pursuant to Federal Regulations 45CFR46 (2) Tests, surveys, interviews, or observation, (3)(i)(A) - benign behavioral interventions on 2/21/2022. As a part of IRB review, scientific merit was considered.

In conducting this protocol you are required to follow the requirements listed in the INVESTIGATOR MANUAL (HRP-103).

If any changes are made to the study, the IRB must be notified at research.integrity@asu.edu to determine if additional reviews/approvals are required. Changes may include but not limited to revisions to data collection, survey and/or interview questions, and vulnerable populations, etc.

REMINDER - Effective January 12, 2022, in-person interactions with human subjects require adherence to all current policies for ASU faculty, staff, students and visitors. Up-to-date information regarding ASU's COVID-19 Management Strategy can be found [here](#). IRB approval is related to the research activity involving human subjects, all other protocols related to COVID-19 management including face coverings, health checks, facility access, etc. are governed by current ASU policy.

Sincerely,

IRB Administrator

cc: Sean Smits
 Sean Smits
 Zeming Yu
 Adam Doupe
 Ruoyu Wang
 Bailey Capuano