

MEMORANDUM

DATE: January 22, 2020
TO: John Casali, Kichol Lee, Brandon Scott Thompson, Kara Meghan Cave
FROM: Virginia Tech Institutional Review Board (FWA00000572, expires October 29, 2024)
PROTOCOL TITLE: Innovative Portable Auditory Localization Acclimation-Test (PALAT) System for Military Systems
IRB NUMBER: 11-047

Effective January 22, 2020, the Virginia Tech Institution Review Board (IRB) approved the Continuing Review request for the above-mentioned research protocol.

This approval provides permission to begin the human subject activities outlined in the IRB-approved protocol and supporting documents.

Plans to deviate from the approved protocol and/or supporting documents must be submitted to the IRB as an amendment request and approved by the IRB prior to the implementation of any changes, regardless of how minor, except where necessary to eliminate apparent immediate hazards to the subjects. Report within 5 business days to the IRB any injuries or other unanticipated or adverse events involving risks or harms to human research subjects or others.

All investigators (listed above) are required to comply with the researcher requirements outlined at:

<https://secure.research.vt.edu/external/irb/responsibilities.htm>

(Please review responsibilities before beginning your research.)

PROTOCOL INFORMATION:

Approved As: **Expedited, under 45 CFR 46.110 category(ies) 4,7**
Protocol Approval Date: **January 22, 2020**
Protocol Expiration Date: **January 21, 2021**
Continuing Review Due Date*: **December 31, 2020**

*Date a Continuing Review application is due to the IRB office if human subject activities covered under this protocol, including data analysis, are to continue beyond the Protocol Expiration Date.

ASSOCIATED FUNDING:

The table on the following page indicates whether grant proposals are related to this protocol, and which of the listed proposals, if any, have been compared to this protocol, if required.

Date*	OSP Number	Sponsor	Grant Comparison Conducted?
04/24/2017	PBMVOHIB	Office of Naval Research (Title: Innovative Portable Auditory Localization Acclimation-Test (PALAT) System for Military Applications, including Full-Scale and Portable Versions, Leveraged on DRILCOM Test Battery and Validated via an In-Field Experiment)	Compared on 04/24/2017
09/07/2016	P5XV6K57	HEAR LLC (Title: 1st Installment: HEAR Subcontract for TCAPS Training)	Not required (Not federally funded)
09/25/2015	PQYQHPCQ	Office of Naval Research (Title: Objective Comparison of Protection Effectiveness, Situation Awareness, and User Preference of Foam vs. Deep Custom-Molded Earplugs, Inclusive of User Training Implications)	Compared on 09/28/2015
09/30/2013	14051309	US Department of Defense (Title: Objective Metric-Based Assessments for Efficient Evaluation of Auditory Situation Awareness Characteristics for Tactical Communications and Protective)	Compared on 10/01/2013
09/30/2013	13169402	Office of Naval Research (Title: Addition to Wind Noise Effect on In-Lab Auditory Detection and Identification of Acoustic Threat Signatures and on Speech Intelligibility using Augmen)	Compared on 10/01/2013
08/10/2012	11150201	Office of Naval Research (Title: In-Field Human Factors Evaluation of the Effects of Augmented Hearing Protection/Enhancement Devices (HPEDs) on Auditory Detection and Identification)	Compared on 01/20/2011

* Date this proposal number was compared, assessed as not requiring comparison, or comparison information was revised.

If this protocol is to cover any other grant proposals, please contact the HRPP office (irb@vt.edu) immediately.