

UNIVERSITY OF KANSAS

Committee Review Results - Application for Exemption Policy on Restricted Research**Title of project:** 2014 NGA UARC Program**Name of principal investigator or project director:** Suzanne Shontz**Source or sources of funds for support of project:**

National Geospatial Intelligence Agency with subcontract from Pennsylvania State University

Requested exemption for:

- "Dual use" science or technology that has primarily harmful consequences for human beings
- Restrictions on Research:
- Extended delay of Publication
 - Total or Indefinite Delay of Publication
 - Limitation of access by foreign scholars, faculty, or staff
 - Restriction of access to campus facilities

Action by the Restricted Research Committee:X APPROVAL DISAPPROVAL___ X___ Involves unique University capabilities.

___ Has very substantial scholarly or educational benefits.

___ Constitutes a very substantial public service.

Justification:

The goal of this project is to develop tools for 3D modeling using primarily satellite video data, but also other possible image data including Google Streetview images. This project is a collaboration with the National Geospatial Intelligence Agency (NGA) and Pennsylvania State University. The KU component will include evaluation and the development of novel algorithms to incorporate the data into surface meshes. Dr. Shontz is uniquely qualified to carry out this work through her expertise in CPU- and GPU-based mesh simplification algorithms. KU also has the infrastructure required for this project in the KU Advanced Computing Facility. The contract stipulates a potential total delay in publishing. There are no graduate students working on the project and the PI is willing to participate in this short-term (one year) project even with those stipulations, with the hope of future projects with NGA that might be less restrictive and support graduate students. The committee decided that the use of unique university capabilities and the potential long-term benefits to Dr. Shontz justified approving this application.

Date of Referral: 2/25/2015**Date of Approval:** 3/23/15**Committee:**

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