

SUBMITTED BY: STEPHEN M. LANIER, PH.D., VICE PRESIDENT FOR RESEARCH
REPORT ON WAIVERS APPROVED
TO BOARD STATUTE 2.41.01.140

BACKGROUND

One research project required a petition to waive Statute 2.41.01.140 because of review restrictions on publishing the research results. This waiver has been approved by the Vice President for Research to allow acceptance of the relevant grant or contract, acting in accordance with the University's research policy on restricted and proprietary research.

OVERVIEW

This project required a waiver to Board Statute 2.41.01.140 because the sponsor requires that all resulting publication submissions and presentations seek their prior approval. The waiver allowed acceptance of the study, "Brain Rotational Injury Criteria," funded by the Alliance Auto Partnerships to Liyang Zhang, Ph.D., associate professor of biomedical engineering in the College of Engineering. At the end of the embargo period, Dr. Zhang will have the freedom to publish or present data from this project without restriction. The Vice President for Research's concurrence allows any publications resulting from this project to first obtain approval from the prime sponsor.

The project aims to establish the thresholds of mild, moderate, serious and severe brain injuries due to angular motion of the human head. A computer model of the brain will be validated and applied to simulate a number of experiments. The biomechanical responses in various regions of the brain will be reviewed, with new rotational brain injury criterion to be developed to lead to improved prevention strategies for brain injury in transportation, sports and military environments.

Due to the nature of this particular effort, permission to publish data must be obtained by the contracting officer within Alliance Auto Partnerships first. The intent is that the Wayne State University principal investigator may publish the data in various works at any time as long as they first seek the contracting officer's approval.