

**DANE COUNTY
POLICY AND FISCAL NOTE**

<input checked="" type="checkbox"/> Original	<input type="checkbox"/> Update	Substitute No. _____
Sponsor:		Resolution No. 2016 RES-569
Vote Required:		Ordinance Amendment No. _____
Majority _____	Two-Thirds <input checked="" type="checkbox"/>	

Title of Resolution or Ord. Amd.:

AUTHORIZING ACCEPTANCE OF GRANT FUNDING FOR VIRTUAL REALITY AND 3D TECHNOLOGY RESEARCH ON CRIME SCENE INVESTIGATIONS

Policy Analysis Statement:

Brief Description of Proposal -

The United States Department of Justice, National Institute of Justice Research, Evaluation, and Development Project Grants, is making funds available to the University of Wisconsin to study the impact of Virtual Reality and 3D Capture Technology on Crime Scene Investigations; Grant Number 2016-IJ-CX-0017, funding available January 1, 2017 through December 31, 2018. The University of Wisconsin is partnering with the Dane County Sheriff's Office to do this study. University of Wisconsin will provide \$13,300 for overtime wages incurred by the Dane County Sheriff's

Current Policy or Practice -

Authorizing acceptance of grant funding requires County Board approval.

Impact of Adopting Proposal -

3D and virtual reality technology has been shown to be a powerful tool in crime scene investigations but has not seen widespread adoption across policing units. Despite apparent efficiencies, no concrete study has taken place that measures evidence gathering outcomes between traditional hand measurements and 3D capture methods. By combining 3D capture technology, computer reconstruction algorithms, and virtual reality presentation mechanisms, scientists at the University of Wisconsin believe they can improve accuracy and documentation, lower time and cost, reduce risks associated with this kind of investigation and enable new means of investigations.

Fiscal Estimate:

<u>Fiscal Effect (check all that apply) -</u>		<u>Budget Effect (check all that apply) -</u>	
<input type="checkbox"/> No Fiscal Effect	<input type="checkbox"/> Results in Revenue Increase	<input type="checkbox"/> No Budget Effect	<input type="checkbox"/> Increases Rev. Budget
<input checked="" type="checkbox"/> Results in Revenue Increase	<input checked="" type="checkbox"/> Results in Expenditure Increase	<input checked="" type="checkbox"/> Increases Exp. Budget	<input type="checkbox"/> Decreases Rev. Budget
<input type="checkbox"/> Results in Revenue Decrease	<input type="checkbox"/> Results in Expenditure Decrease	<input type="checkbox"/> Decreases Exp. Budget	<input type="checkbox"/> Increases Position Authority
		<input type="checkbox"/> Decreases Position Authority	
		Note: if any budget effect, 2/3 vote is required	

Narrative/Assumptions about long range fiscal effect:

N/A

Expenditure/Revenue Changes:

	Current Year		Annualized			Current Year		Annualized	
	Increase	Decrease	Increase	Decrease		Increase	Decrease	Increase	Decrease
Expenditures -					Revenues -				
Personal Services	\$13,300				County Taxes				
Operating Expenses					Federal				
Contractual Services					State				
Capital					Other	\$13,300			
Total	\$13,300	\$0	\$0	\$0	Total	\$13,300	\$0	\$0	\$0

Personnel Impact/FTE Changes:

N/A

Prepared By:

Agency:	Dane County Sheriff's Office	Division:	Administrative Services
Prepared by:	Lillian Radivojevich	Date:	02/23/17
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