

# CONSENT AGENDA ACTION ITEM

**Governing Board Agenda**

**Meeting Date:** November 25, 2008

<u>Item Number</u>	<u>Item Title</u>	<u>Responsible Agents</u>
	Collaborative Research Grant: Using the Rock Art Stability Index to Engage Community College Students in Field-Based Interdisciplinary Research	Dr. Maria Harper-Marinick Dr. Shouan Pan

**Recommendation**

It is recommended that the Governing Board accept an award for a grant from the National Science Foundation in the amount of \$119,469 to Mesa Community College for *Collaborative Research: Using the Rock Art Stability Index to Engage Community College Students in Field-Based Interdisciplinary Research*. This grant will commence on 01/01/09 and conclude on 12/31/11.

**Justification**

Mesa Community College has received a grant award for a three year grant from the National Science Foundation to expand undergraduate research opportunities at the community college level with an emphasis on rock art conservation.

This grant will facilitate interdisciplinary learning as students use the Rock Art Stability Index to link knowledge of rock types and their weathering to the conservation and preservation of cultural resources (i.e. rock art). After field work is conducted at South Mountain Park and the Petrified Forest National Park students will integrate results into a geographic information system database.

MCC is the lead entity on this grant and will partner with Arizona State University and University of Colorado – Denver.

<b>Funding</b>	<b>Approvals/Certifications</b>
<p><u>Source:</u> National Science Foundation</p> <p><u>Account Identification:</u> Restricted Account</p>	<p>Chancellor _____</p> <p>Academic &amp; Student Affairs _____</p> <p>Business Services _____</p> <p>Human Resources _____ ITS _____</p> <p>Res Dev &amp; Cmty Affairs _____</p> <p>College President _____</p>

**COLLABORATIVE RESEARCH: USING THE ROCK ART STABILITY INDEX TO ENGAGE  
COMMUNITY COLLEGE STUDENTS IN FIELD-BASED INTERDISCIPLINARY RESEARCH**

National Science Foundation  
Budget

	<b>Year 1: 01/01/09 – 12/31/09</b>	<b>Year 2: 01/01/10 – 12/31/10</b>	<b>Year 3: 01/01/11 – 12/31/11</b>
<b>Salaries</b>	\$20,974	\$19,984*	\$9,316*
<b>Benefits</b>	\$3,587	\$3,617*	\$1,779*
<b>Travel</b>	\$1,200	\$1,200*	\$3,000*
<b>Equipment</b>	\$9,050	0	0
<b>Consultants and Contracts</b>	\$4,000	\$4,000*	\$4,000*
<b>Participant Support Costs</b>	0	\$1,000*	\$6,000*
<b>Other</b>	\$1,180	0	\$1,250*
<b>Indirect Costs</b>	\$10,151	\$9,672*	\$4,509*
<b>Total</b>	\$50,142	\$39,473*	\$29,854*
<b>Grand Total = \$119,469*</b>			

\*Funds for years two and three are based upon availability of funds, adequate performance reports and adherence to the regulations set within the grant.