



## South Carolina Centers of Economic Excellence Funded Proposals

In 2002, the South Carolina General Assembly passed the Research Centers of Economic Excellence Act in order to promote growth of the knowledge-based economy in South Carolina. Oversight of the Centers of Economic Excellence (CoEE) Program is provided by the S.C. Centers of Economic Excellence Review Board. The South Carolina Commission on Higher Education approves the budget for the CoEE Review Board's operations and also provides staff support for the program's day-to-day operations. South Carolina Education Lottery funds in the amount of \$190 million have been appropriated for the program since the 2002-2003 Fiscal Year. Over the last six years, 41 research proposals totaling \$169 million have been approved for funding. South Carolina's three research institutions are required to raise dollar-for-dollar, non-state matching funds in order to access state funding.

The most current information on the CoEE Program is available at [www.sccoee.org](http://www.sccoee.org) . A list of funded proposals follows:

<b>Funding Year 2002-2003</b>			
<b>Institution (fiscal institution first)</b>	<b>Proposal Title</b>	<b>Endowed Chairs</b>	<b>Proposal Amount</b>
Clemson	Automotive Systems Integration	1	\$5 million
Clemson	Automotive Manufacturing	1	\$5 million
USC	Nanostructures	1	\$4 million
USC/MUSC	Brain Imaging	2*	\$5 million
MUSC	Proteomics	1	\$4 million
MUSC	Neuroscience	3	\$3 million
MUSC/College of Charleston	Marine Genomics	2	\$4 million
<b>Total Awarded in 2002-2003</b>		<b>11</b>	<b>\$30 million</b>
<b>Funding Year 2003-2004</b>			
<b>Institution (fiscal institution first)</b>	<b>Proposal Title</b>	<b>Endowed Chairs</b>	<b>Proposal Amount</b>
Clemson	Automotive Design & Development	1	\$5 million
Clemson	Electronic Systems Integration	1	\$3 million
Clemson	Photonic Materials	1	\$5 million
USC	Polymer Nanocomposites	1	\$3.5 million
USC	Hydrogen & Fuel Cell Economy I **	2	\$2.5 million
MUSC/Clemson/USC	Regenerative Medicine	3	\$5 million
MUSC/USC	Translational Cancer Therapeutics	2	\$5 million
<b>Total Awarded in 2003-2004</b>		<b>11</b>	<b>\$29 million</b>

\* Reduced from four to two by act of the CoEE Review Board on June 9, 2008.

\*\* The Hydrogen & Fuel Cell Economy CoEE was approved during 2003-2004. Funding for one half of this CoEE was provided in 2003-04, the other half in 2004-2005.

**S.C. Centers of Economic Excellence Funded Proposals (continued)**

<b>Funding Year 2004-2005</b>			
<b>Institution (fiscal institution first)</b>	<b>Proposal Title</b>	<b>Endowed Chairs</b>	<b>Proposal Amount</b>
Clemson	Restoration [WITHDRAWN]	—	[\$3 million]
Clemson	Electron Imaging [WITHDRAWN]	—	[\$5 million]
USC	Renewable Fuel Cells	1	\$3 million
USC	Hydrogen & Fuel Cell Economy II*	[See 03-04.]	\$2.5 million
USC/Coastal Carolina	Travel & Tourism	1	\$2 million
MUSC	Gastrointestinal Cancer Diagnostics	1	\$5 million
MUSC/USC	Cancer Drug Discovery	4	\$5 million
MUSC/USC	Vision Science	3	\$4.5 million
<b>Total Awarded in 2004-2005</b>		<b>10</b>	<b>\$22 million</b>
<b>Funding Year 2005-2006</b>			
<b>Institution (fiscal institution first)</b>	<b>Proposal Title</b>	<b>Endowed Chairs</b>	<b>Proposal Amount</b>
Clemson	Supply Chain Optimization & Logistics	1	\$2 million
Clemson	Urban Ecology and Restoration	1	\$2 million
Clemson	Advanced Fiber-Based Materials	1	\$4 million
Clemson	Molecular Nutrition	1	\$2 million
USC	Solid Oxide Fuel Cells	1	\$3 million
USC/MUSC	Childhood Neurotherapeutics	3	\$5 million
MUSC	Molecular Proteomics in Cardiovascular Disease & Prevention	2	\$5 million
MUSC/USC/Clemson	Clinical Effectiveness & Patient Safety	3	\$5 million
<b>Total Awarded in 2005-2006</b>		<b>13</b>	<b>\$28 million</b>
<b>Funding Year 2006-2007</b>			
<b>Institution (fiscal institution first)</b>	<b>Proposal Title</b>	<b>Endowed Chairs</b>	<b>Proposal Amount</b>
Clemson/MUSC	Health Facilities Design & Testing	2	\$5 million
USC	Rehabilitation and Reconstruction Science	1	\$5 million
USC	Strategic Approaches to Electricity Production from Coal	1	\$5 million
USC/MUSC/Clemson	Healthcare Quality	2	\$5 million
USC/Clemson	Senior SMART™ Center †	3	\$5 million
MUSC	Tobacco-Related Malignancy	2	\$5 million
MUSC/USC	Stroke	3	\$5 million
<b>Total Awarded in 2006-2007</b>		<b>14</b>	<b>\$35 million</b>

\* The Hydrogen & Fuel Cell Economy CoEE was approved during 2003-2004. Funding for one half of this CoEE was provided in 2003-04, the other half in 2004-2005.

### S.C. Centers of Economic Excellence Funded Proposals (continued)

Funding Year 2007-2008			
Institution (fiscal institution first)	Proposal Title	Endowed Chairs	Proposal Amount
Clemson	Optoelectronics	1	\$2 million
Clemson	Cyber-Institute	1	\$2 million
USC	Nanoenvironmental Research & Risk Assessment	1	\$3 million
USC	Nuclear Science and Energy	1	\$3 million
MUSC	Renal Disease Biomarker	2	\$5 million
MUSC/Clemson	Cancer Stem Cell Biology	2	\$5 million
MUSC/USC/Clemson	Advanced Tissue Biofabrication	3	\$5 million
<b>Total Awarded in 2007-2008</b>		<b>11</b>	<b>\$25 million</b>

† The SeniorSMART CoEE was approved in 2007-2008. Funding was provided from 2006-2007 dollars.

Program Totals	
<b>TOTAL FUNDS AWARDED (2003-2008)</b>	<b>\$169 million</b>
<b>TOTAL LOTTERY APPROPRIATIONS (2002-2009)</b>	<b>\$190 million</b>

Research Institution Totals			
Institution	Number of Centers	Number of Endowed Chairs	State Funds Drawn
Clemson University	12	16	\$23,815,447
University of South Carolina	14	25	\$10,780,965
Medical University of South Carolina	15	29	\$31,853,220
<b>TOTALS</b>	<b>41</b>	<b>70</b>	<b>\$66,449,632</b>

[Last updated June 30, 2008]