



The following survey is intended to solicit your interest and capacity. A multi-college Letter of Interest is highly encouraged although single-college applicant is welcomed. Please submit a separate Section B for EACH interested community college associated with the lead applicant. Only community college districts are eligible. All letters received will be posted on the web page associated with this Solicitation. This Statement of Interest is the first phase in the RFA process for this grant. Only colleges who submit a Statement of Interest and are deemed qualified will be invited to participate in the grant RFA.

Please direct any question to: [innovationmaker@cccco.edu](mailto:innovationmaker@cccco.edu)

Thank you!

## SECTION A

<b>Lead Applicant</b>	<b>John Graulty, Dean of Visual, Applied, &amp; Performing Arts (VAPA) – Cabrillo</b>
<b>District/College:</b>	<b>College</b>
<b>Address:</b>	<b>6500 Soquel Drive, Aptos, CA 95003</b>

<b>Chief Executive Officer</b>		
<b>Dr. Laurel Jones, President/Superintendent, Cabrillo Community College District</b>		
<b>Name</b>		
<b>Primary Project Contact</b>		
<b>John Graulty</b>	<b>Dean of Visual, Applied, &amp; Performing Arts (VAPA)</b>	
<b>Name</b>	<b>Title</b>	
<b>(831) 479-6336</b>	<b>(831) 479-5045</b>	<b>3-18-16</b>
<b>Phone</b>	<b>Fax</b>	<b>Date</b>
<b>John.graulty@cabrillo.edu</b>		
<b>Email</b>		

## SECTION B

Please respond to the following questions so we can better understand the demand level:

0	<b>Name of College:</b>	<b>Cabrillo College</b>
1	<b>Describe where your college stands in the process</b> <i>(please check your stage of adoption)</i>	
<input checked="" type="checkbox"/>	Our college has interest in exploring or is in the process of exploring how better to connect to the Maker movement.	
<input checked="" type="checkbox"/>	Our college has already explored and has made a commitment to the Maker	

		movement through formal action (e.g., resource commitment, Trustee vote, etc.).	
X		Our college has explored, committed to, and has already set up a Makerspace.	
X		Our college has a team consisting of at least a STEAM/STEAM faculty paired with a CTE faculty to champion this program on our campus.	
X		<p>Other:</p> <p>Cabrillo College has opened a new FabLab in the <a href="#">Visual, Applied, &amp; Performing Arts Division</a>. The program evolved out of an initial partnership and on-campus lease agreement with MakersFactory in Santa Cruz. MakersFactory donated \$41K worth of equipment to Cabrillo, including: a Z650 powder printer, a Z310 powder printer, a Roland vinyl cutter, and an Epilog laser cutter. With on-campus grants, we have added a ShopBot CNC router, HP Sprout 3D scanner, a Structure Sensor for mobile 3D scanning, and 3 <i>Ultimaker</i> 2 3D extrusion printers. We have designed a four-credit course curriculum in Digital Art Fabrication that will begin in FA 16, and are offering grant-funded training on all FabLab equipment for STEAM faculty and staff during SP 16. We have also offered and will continue to offer Extension offerings in Digital Fabrication for pre-college youth and adults in Santa Cruz County. Our faculty lead in the FabLab is Payson McNett, who founded and ran the FabLab in the Arts Division at Indiana University in Bloomington, IN.</p> <p>By creating a space for shared creative innovation, design, and making, Cabrillo hopes to progress to next steps, including, but not limited to: further collaboration and cooperation with STEM and STEM CTE faculty on campus to develop STEAM collaborations; outreach to area high school programs to create digital fabrication, design, and creative entrepreneurship pathways in STEAM fields that span pre-college through Cabrillo to transfer and/or career placement, and the possible creation of a Cabrillo Center for Creativity, Innovation, Impact, and Incubation.</p> <p>Cabrillo's FabLab initiative aligns well with its ongoing efforts to develop an <a href="#">Arts Entrepreneurship Program</a>, which will include a 3-course skills certificate based on the notion that arts students increasingly need to explore and develop unique, self-directed career pathways that create value in their lives by providing value to others.</p>	
2	<b>Expertise You Can Contribute to the Community-of-Practice (please check all that applies)</b>		
X	My college can help others explore, commit to, and set up a Makerspace.		
	My college can help others develop partnerships with industry/business/iHubs in order to 1) generate work-based learning opportunities for students and/or 2) secure financial support.		
	My college can help others form/develop partnership with grade 9-12 institutions to facilitate early career exploration.		
X	My college can help others consider instructional strategies, including but not limited to 4C skills as well as technical skills, and how those strategies relate to community college courses, certificates, and programs.		

	X	My college can help others bring together STEM/STEAM and CTE faculty to champion the program.	
	X	<p>Other:</p> <p>Situated in Santa Cruz County, which has the 5<sup>th</sup> highest per capita concentration of artists in the country after LA, New York City, San Francisco, and Santa Fe (2010 US Census data), Cabrillo is fast emerging as a leader in both the FabLab movement and the arts entrepreneurship/creative careers movement . Through initial collaborations with Santa Cruz County Arts Council and Cabrillo's Central Coast Small Business Development Center, and with subsequent grant funding from the Chancellor's Office <i>Doing What Matters</i> initiative (through Deputy Sector Area Navigator Alex Kramer), Cabrillo has developed cross-disciplinary arts entrepreneurship curriculum, hosted a 2-Day <i>Seize Your Creative Future Summit</i> in April 2015 with Dr. David Cutler, noted arts entrepreneurship expert/author, and presented at numerous regional and Statewide conferences, most recently at the LA Small Business Symposium, Feb 18-19, 2016.</p> <p>John Graulty and Payson McNett have also been accepted to present two separate sessions at the upcoming NACCE 2016 National Conference in Sacramento in October 2016:</p> <p><i>FabLab: Digital Fabrication in the Arts</i> Presenter: Payson McNett</p> <p><i>"Artspreneurship" - Enabling Arts Students to Seize Their Own Creative Futures</i> - Presenter: John Graulty</p> <p>Cabrillo College, under Payson McNett's leadership, has also been accepted to represent the new Cabrillo FabLab at:</p> <ul style="list-style-type: none"> <li>1) <i>The Maker Faire Bay Area 2016</i>, May 20-22</li> <li>2) The First Santa Cruz Mini Maker Faire, April 16, 2016</li> </ul>	

### **3. Please add any comments relevant to this intent survey --**

Cabrillo College has much to offer and even more to gain by collaborating with other like-minded institutions on its efforts to expand its FabLab's capacity and impact, and expand students' abilities to develop unique, self-directed creative career pathways that add value to their lives by providing new value to others. Preliminary conversations with Carol Pepper-Kittredge at Sierra College and possible collaborations with others across the State hold great promise for realizing significant ROI on the Chancellor's Office *INNOVATIONMAKER Investment* 3. Significant challenges and opportunities remain, including developing resource models for sustaining and growing FabLabs

given their reliance on very expensive equipment, and helping young entrepreneurs seed and launch new creative ventures. Hopefully, efforts funded by the *INNOVATIONMAKER Investment 3* will help generate creative solutions for these and other challenges, providing creative and innovative students with places and resources to develop impactful and beneficial futures for themselves and the society of which they are a part.