

ACS March 24, 2012

#### **About NCIIA**

The National Collegiate Inventors and Innovators Alliance is a 16 year-old non-profit supporting technology innovation and entrepreneurship in universities and colleges to create experiential learning opportunities for students and successful, socially beneficial businesses



## Agenda

- Introduction to our research to commercialization "lens"
- Impact of NCIIA
- Our grant funding
- Our programs
- Our work with university research centers
- Our interaction with ACS



#### Our Research to Commercialization "lens"

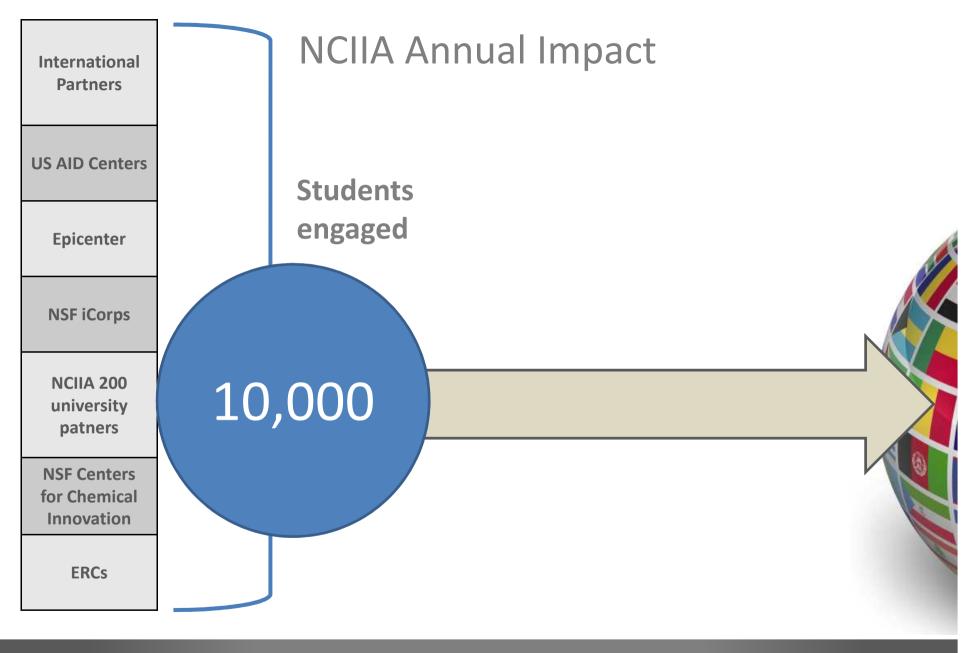
Supporting University Researchers in building value for themselves and gaining the skills to progress along the research to commercialization Value Chain

#### Innovation

Ideas	Research	Invention/ Innovation	Start-up (or license)	Commercial Venture (or successful license)
Acknowledge	Aware	Accept	Act	Accomplish

**Innovators** 



















Massachusetts Institute of **Technology** 























THE UNIVERSITY of NORTH CAROLINA

at CHAPEL HILL







Northeastern University

**NEW YORK UNIVERSITY** 





NORTHWESTERN

UNIVERSITY





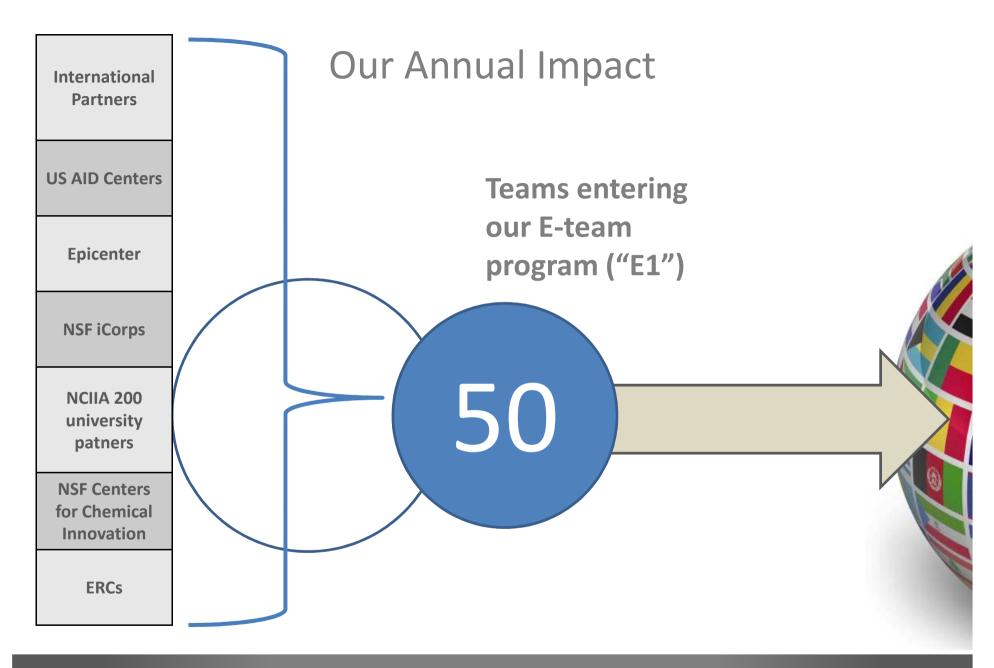




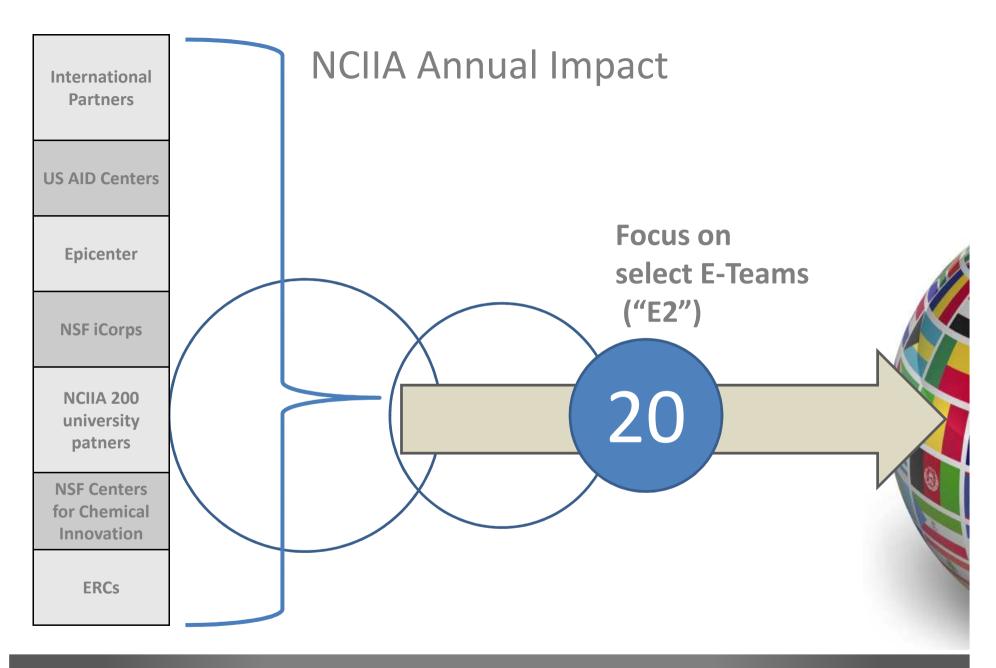




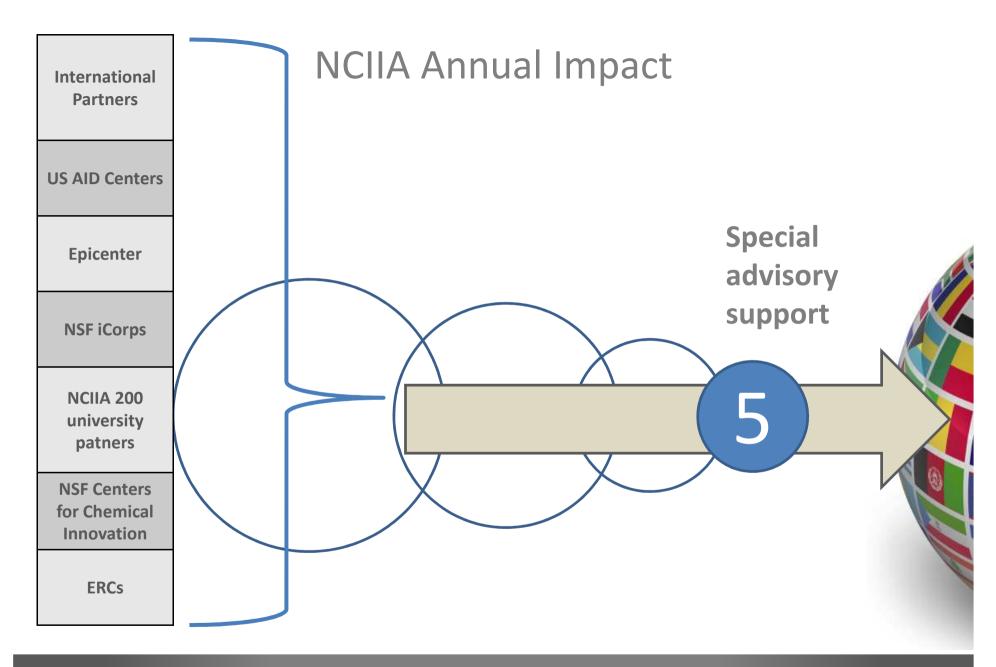




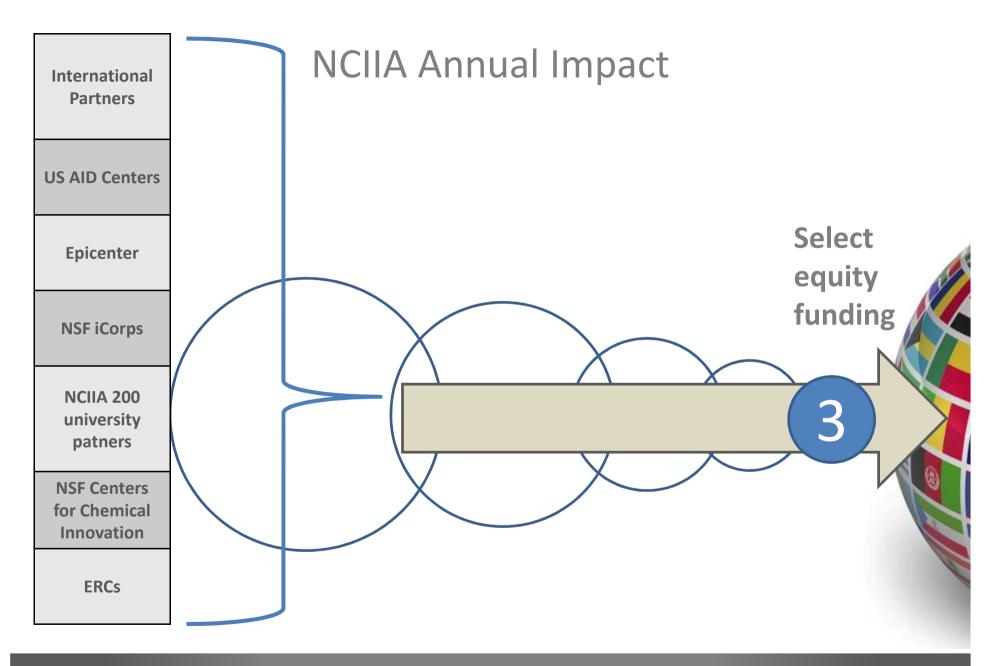






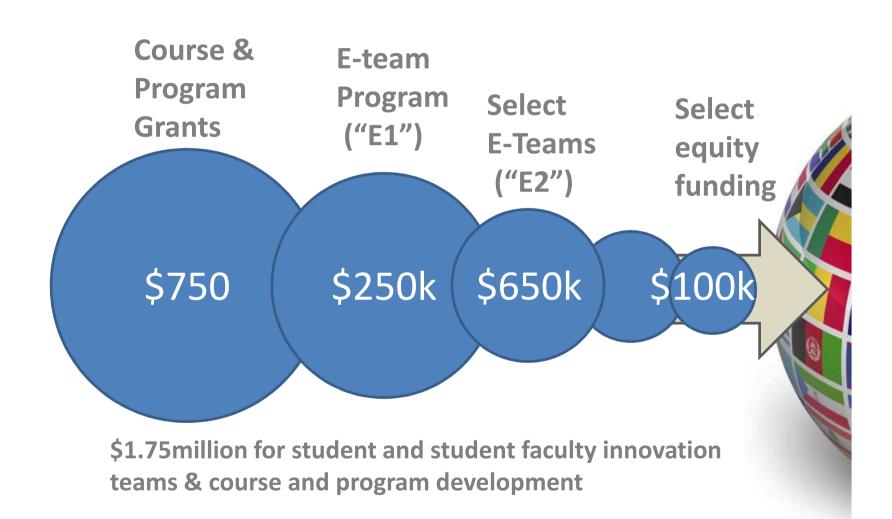








# Largest pool of private funding for university student innovators in the United States

















#### **CONDITION ENGINEERING**

MARINE

Condition & Structural Health Monitoring Solutions





























BO EX TORATION







Neo Med STG International





























## **NCIIA Grant Funding**

Catalytic grants to student innovation teams and university entrepreneurship faculty educators

	Idea/Research	search Invention		Innovation		Start-up		Commercial			
Student E-team Grants											
\$5k grants		E1 G	rants								
Up to \$20k			I	E2 Grant	S						
Up to \$50k					2 21100	reWell uity					
Biomedical Competition	В	BMEStart and BME Idea									
Faculty educator grants											
Up to \$50k		Course and Program									





### Our programs

NCIIA provides a range of nationally recognized programs and is now working with NSF I-Corps

lde	ea	Research		Invention/ Innovation		Start-up		Commercial	
IdeaLab									
			VentureLab1 Ventu		reLab2				
			Mentor	ing and A	Advising S	upport			
Specifically designed for graduate students and faculty researchers									
		Lens of th	ne Market		Ventu	reLab			
			Inn	ovationL	.ab				



### Our work with university research centers

Center program support, such as the Centers for Chemical Innovation and their grantees around the country

Rese	earch	Invention	Innov	Innovation		t-up	Comm	nercial		
Specifically designed for graduate students and faculty researchers										
		Lens of the Market	9	Ventu	ıreLab					
		Inn	ovationLab							
Also: support to center directors to help develop commercialization plans as part of funding proposals for large center grants										

- Lens of the Market delivered to CCIs around the country
- Further work with select CCIs such as OSU and Oregon State in a five year program: Lens of the Market > InnovationLab > VentureLab



#### Major support provided by:



## the Lemelson foundation

improving lives through invention



#### Interaction with ACS....



Honored to be a Founding member of the Chemical Entrepreneurship Council.....

Through the CEC...

NCIIA looks to *leverage* its suite of programs to strengthen the skills of ACS members in their research to commercialization efforts and make our grants more obvious to ACS university members!



#### Contact information

Phil Weilerstein, Executive Director pweilerstein@nciia.org

Judith Giordan, Sr. Advisor judy@jgiordan.com

National Collegiate Inventors and Innovators Alliance 100 Venture Way, Hadley, MA 01035 413-587-2172 www.nciia.org

