

I-Corps Survey Screener Questions:

The screener appears in the omnibus survey instrument (appendix A, questions 1-3a, with indication that it only applies to non-I-Corps PIs as the respondent group) and in the non-I-Corps PI instrument (appendix c, questions 1-3a) – but not in appendix B as it does not appear in the survey to I-Corps Teams members.

The omnibus instrument below shows all the questions across the survey groups of this ICR. It shows common questions for the I-Corps and non-I-Corps participants, as well as questions that are unique to each of these two respondent groups. The second column shows which respondent group(s) the question applies to. To facilitate review, we show only questions for I-Corps respondents in Appendix B. Finally, Appendix C shows only questions for non-I-Corps PI respondents.

Omnibus Survey of Entrepreneurial Outcomes (I-Corps grantee and non-I-Corps PI respondents)																																				
Item #	Respondent Group	NSF Award Commercialization History (Survey Screener)																																		
1	Non-I-Corps Only	Have you ever received an I-Corps Team award from the National Science Foundation (NSF)? • Yes [Exit Survey] • No																																		
2	Non-I-Corps Only	Have you ever received an I-Corps at NIH award from the National Institutes of Health (NIH)? • Yes [Exit Survey] • No																																		
3	Non-I-Corps Only	Our records indicate that you received the following awards from NSF between 2009 and 2013. For each project listed below, please indicate whether you have made any effort to explore the commercialization of your NSF research. Examples of steps that might be taken to commercialize your NSF research include: • Conducting outreach to prospective customers; • Receiving entrepreneurial training/education; • Seeking funding to promote research translation; • Contributing to R&D to bring product/technology to market; and • Seeking support from technology transfer or entrepreneurial office. <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Project Name</th> <th rowspan="2">Award Number</th> <th rowspan="2">Start and end dates</th> <th colspan="2">Have you taken any steps to commercialize this project (select one for each project)</th> </tr> <tr> <th>Yes</th> <th>No</th> </tr> </thead> <tbody> <tr> <td>1. Project Title A</td> <td>Award Number A</td> <td>Start and End Dates</td> <td></td> <td></td> </tr> <tr> <td>2. Project Title B</td> <td>Award Number B</td> <td>Start and End Dates</td> <td></td> <td></td> </tr> <tr> <td>3. Project Title C</td> <td>Award Number C</td> <td>Start and End Dates</td> <td></td> <td></td> </tr> <tr> <td>4. Project Title D</td> <td>Award Number D</td> <td>Start and End Dates</td> <td></td> <td></td> </tr> <tr> <td>5. Other (please specify)</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> (IF ALL PROJECTS LISTED ABOVE ARE MARKED NO THE RESPONDENT WOULD GO TO THE DEMOGRAPHICS SECTION) IF ONLY ONE PROJECT IS MARKED YES, THE RESPONDENT WOULD PROCEED TO Q4			Project Name	Award Number	Start and end dates	Have you taken any steps to commercialize this project (select one for each project)		Yes	No	1. Project Title A	Award Number A	Start and End Dates			2. Project Title B	Award Number B	Start and End Dates			3. Project Title C	Award Number C	Start and End Dates			4. Project Title D	Award Number D	Start and End Dates			5. Other (please specify)				
Project Name	Award Number	Start and end dates	Have you taken any steps to commercialize this project (select one for each project)																																	
			Yes	No																																
1. Project Title A	Award Number A	Start and End Dates																																		
2. Project Title B	Award Number B	Start and End Dates																																		
3. Project Title C	Award Number C	Start and End Dates																																		
4. Project Title D	Award Number D	Start and End Dates																																		
5. Other (please specify)																																				

3.a.	Non-I-Corps Only	IF MORE THAN ONE PROJECT IS MARKED YES, THE RESPONDENT WOULD BE ASKED THE FOLLOWING: You have indicated that you made efforts to explore commercialization on more than one NSF project since 2009. Select the one project that you think has advanced the most in terms of commercialization. For the remainder of the survey, we will refer to this project as “<i>your NSF project.</i>” [LIST OF PROJECTS SELECTED YES IN ITEM 3]																												
		Your Commercialization Effort																												
4	Non-I-Corps Only	What activities did you undertake when you explored commercialization related to <i>your NSF project</i>? (Select all that apply) • Led efforts to conduct outreach with prospective customers • Participated in entrepreneurial training • Applied for grants to promote commercialization • Contributed to R&D of product/technology to get it to market • Sought support from university entrepreneurial office • Sought support from university technology transfer office • Other (Please specify)																												
5	Non-I-Corps Only	What was <u>the first year</u> in which you undertook any of the above commercialization activities? For the rest of this survey, we will consider this to be the year in which year you started the effort to commercialize your NSF project. [YYYY]																												
6	Non-I-Corps Only	Did you develop a formal written strategy to guide your efforts to commercialize research related to your NSF project? • Yes • No																												
7	Non-I-Corps Only	Enter the approximate number of times you have participated in each of the following experiences/activities prior to the start of the commercialization of your NSF project. Enter zero (0) if you never participated in that experience/activity: <table border="1"> <tr><td>Contributed ideas utilized by a company to improve a product, service, or process</td><td></td></tr> <tr><td>Presented a business idea to investors</td><td></td></tr> <tr><td>Generated trade secrets</td><td></td></tr> <tr><td>Served on a corporate advisory board</td><td></td></tr> <tr><td>Founded or cofounded a venture (for-profit, nonprofit, not-for-profit) that developed or sold products or services based on your research</td><td></td></tr> <tr><td>Participated in the technology transfer process at your university</td><td></td></tr> <tr><td>Disclosed an invention to the university</td><td></td></tr> <tr><td>Licensed your research/technology</td><td></td></tr> <tr><td>Received royalties for your work</td><td></td></tr> <tr><td>Participated in industry funded research</td><td></td></tr> <tr><td>Issued a patent</td><td></td></tr> <tr><td>Interviewed potential customers about a product, service, or technology</td><td></td></tr> <tr><td>Conducted market research</td><td></td></tr> <tr><td>Applied for a patent as an inventor or co-inventor</td><td></td></tr> </table>	Contributed ideas utilized by a company to improve a product, service, or process		Presented a business idea to investors		Generated trade secrets		Served on a corporate advisory board		Founded or cofounded a venture (for-profit, nonprofit, not-for-profit) that developed or sold products or services based on your research		Participated in the technology transfer process at your university		Disclosed an invention to the university		Licensed your research/technology		Received royalties for your work		Participated in industry funded research		Issued a patent		Interviewed potential customers about a product, service, or technology		Conducted market research		Applied for a patent as an inventor or co-inventor	
Contributed ideas utilized by a company to improve a product, service, or process																														
Presented a business idea to investors																														
Generated trade secrets																														
Served on a corporate advisory board																														
Founded or cofounded a venture (for-profit, nonprofit, not-for-profit) that developed or sold products or services based on your research																														
Participated in the technology transfer process at your university																														
Disclosed an invention to the university																														
Licensed your research/technology																														
Received royalties for your work																														
Participated in industry funded research																														
Issued a patent																														
Interviewed potential customers about a product, service, or technology																														
Conducted market research																														
Applied for a patent as an inventor or co-inventor																														

Appendix C: Non-I-Corps PI Survey Instrument

Count	NSF Award Commercialization History (Survey Screener)																																
1	Have you ever received an I-Corps Team award from the National Science Foundation (NSF)? ☐ Yes [Exit Survey] ☐ No																																
2	Have you ever received an I-Corps at NIH award from the National Institutes of Health (NIH)? ☐ Yes [Exit Survey] ☐ No																																
3	Our records indicate that you received the following awards from NSF between 2009 and 2013. For each project listed below, please indicate whether you have made any effort to explore the commercialization of your NSF research. Examples of steps that might be taken to commercialize your NSF research include: - Conducting outreach to prospective customers; - Receiving entrepreneurial training/education; - Seeking funding to promote research translation; - Contributing to R&D to bring product/technology to market; and - Seeking support from technology transfer or entrepreneurial office. <table border="1"> <thead> <tr> <th rowspan="2">Project Name</th><th rowspan="2">Award Number</th><th rowspan="2">Start and end dates</th><th colspan="2">Have you taken any steps to commercialize this project (select one for each project)</th></tr> <tr> <th>Yes</th><th>No</th></tr> </thead> <tbody> <tr> <td>1. Project Title A</td><td>Award Number</td><td>Start and End Dates</td><td></td><td></td></tr> <tr> <td>2. Project Title B</td><td>Award Number</td><td>Start and End Dates</td><td></td><td></td></tr> <tr> <td>3. Project Title C</td><td>Award Number</td><td>Start and End Dates</td><td></td><td></td></tr> <tr> <td>4. Project Title D</td><td>Award Number</td><td>Start and End Dates</td><td></td><td></td></tr> <tr> <td>5. Other (please specify)</td><td></td><td></td><td></td><td></td></tr> </tbody> </table> (IF ALL PROJECTS LISTED ABOVE ARE MARKED NO THE RESPONDENT WOULD GO TO THE DEMOGRAPHICS SECTION) IF ONLY ONE PROJECT IS MARKED YES, THE RESPONDENT WOULD PROCEED TO Q4	Project Name	Award Number	Start and end dates	Have you taken any steps to commercialize this project (select one for each project)		Yes	No	1. Project Title A	Award Number	Start and End Dates			2. Project Title B	Award Number	Start and End Dates			3. Project Title C	Award Number	Start and End Dates			4. Project Title D	Award Number	Start and End Dates			5. Other (please specify)				
Project Name	Award Number				Start and end dates	Have you taken any steps to commercialize this project (select one for each project)																											
		Yes	No																														
1. Project Title A	Award Number	Start and End Dates																															
2. Project Title B	Award Number	Start and End Dates																															
3. Project Title C	Award Number	Start and End Dates																															
4. Project Title D	Award Number	Start and End Dates																															
5. Other (please specify)																																	
3.a.	IF MORE THAN ONE PROJECT IS MARKED YES, THE RESPONDENT WOULD BE ASKED THE FOLLOWING: You have indicated that you made efforts to explore commercialization on more than one NSF project since 2009. Select the one project that you think has advanced the most in terms of commercialization. For the remainder of the survey, we will refer to this project as “your NSF project.” [LIST OF PROJECTS SELECTED YES IN ITEM 3]																																
	Your Commercialization Effort																																
4	What activities did you undertake when you explored commercialization related <i>to your NSF project</i>? (Select all that apply) ☐ Led efforts to conduct outreach with prospective customers ☐ Participated in entrepreneurial training																																