

## Diversity in STEM-H Cradle-to-Career – Johnson, et al.

### Appendix 4. Example of REACH Program Survey (MedSTEM)

MedSTEM Summer - Pre Survey

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What grade are you in?

- 9th
- 10th
- 11th
- 12th
- College/University
- Prefer Not to Disclose

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Have you participated in Rush University Medical Center programs before?

- Yes
- No

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Which ones?:

- Vitals for STEM Success
- Future Ready Learning Lab
- MedSTEM Pathways
- Health IT Program
- Science and Math Excellence Network
- Mentoring/Tutoring Programs
- Other Community or Education Program

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What is your current Grade Point Average?

- 3.8 or higher
- 3.5 - 3.79
- 3.0 - 3.49
- 2.5 - 2.99
- 2.0 - 2.49
- Below 2.0

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Chicago Public Schools Student ID Number (enter N/A if you are not a CPS student or 000 if you don't know your ID number)

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Which MedSTEM Program are you in?

- MedSTEM Explorers
- MedSTEM Pathways

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Which Pathway are you in?

- Medicine/Pre-Professional
- Nursing
- Allied Health
- IT/Health IT
- Health Administration & Innovation

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**Your Interests**

**Please let us know a little about your current interests in math, science and health care.**

	Strongly Disagree	Disagree	Netural	Agree	Strongly Agree	Don't Know
I like math	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am good at math	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I like science	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am good at science	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am interested in pursuing a career that uses math or science career	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am interested in a career in the medical/health field	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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**College and Career Readiness**  
**Thinking about your experiences, indicate the extent to which you agree or disagree with each of the following statements about your readiness to finish high school, go to college or choose a career.**

	Strongly Disagree	Disagree	Netural	Agree	Strongly Agree	Don't Know
I understand my academic strengths and what I still need to improve	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I know the importance of not giving up and sticking through difficult subjects.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I know my learning style.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I know how to work with other students	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have a bond with a mentor who can help me with college and/or career advice.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have the skills to succeed in high school.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I understand the college application process and deadlines.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I understand college requirements.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I understand the costs of college.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I understand the college financial aid process.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have an idea of what I want to do with my career.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am knowledgeable about the skills I need for a career in Science, Technology, Engineering or Math.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am knowledgeable about the skills I need for a career in Health or Medicine	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Why did you decide to participate in this program?  
(Please select all that apply)

- I like science
- I like helping people
- I want to go explore jobs in the medical/health field
- I want to explore jobs in other fields (information technology, law, finance, etc.)
- It will help me get into college/look good on my resume
- I want work experience in a professional environment
- A teacher suggested it
- A family member suggested it
- Other

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What are your plans after high school? (Please select all that apply)

- Four-year College or University
- Two-year College or University
- Certificate Program
- Full-time Employment
- Part-time Employment
- Military
- Not Sure Yet
- Prefer Not to Disclose

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MedSTEM Program - Post Survey



**Your Interest in STEM & Healthcare**

**Based on your experience in the MedSTEM Program, please let us know your interests in math, science and health.**

	Strongly Disagree	Disagree	Netural	Agree	Strongly Agree	Don't Know
I like math	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am good at math	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I like science	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am good at science	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am interested in pursuing a career that uses math or science career	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am interested in a career in the medical/health field	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Participation in this program has changed my level of interest in math, science and health	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How interested are you in pursuing a career in STEM/healthcare?

- Not likely to work in STEM/healthcare
- Somewhat likely to work in STEM/healthcare
- Very likely to work in STEM/healthcare

How interested are you in pursuing a career in research?

- Not likely to work in Research
- Somewhat likely to work in Research
- Very likely to work in Research

How interested are you in pursuing a career in patient care?

- Not likely to work in patient care
- Somewhat likely to work in patient care
- Very likely to work in patient care



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**College and Career Readiness**

**Based on your experience in the MedSTEM Program, indicate the extent to which you agree or disagree with each of the following statements about your readiness to finish high school, go to college or choose a career.**

	Strongly Disagree	Disagree	Netural	Agree	Strongly Agree	Don't Know
I understand my academic strengths and what I still need to improve	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I know the importance of not giving up and sticking through difficult subjects.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I know my learning style.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I know how to work with other students	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have a bond with a mentor who can help me with college and/or career advice.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have the skills to succeed in high school.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I understand the college application process and deadlines.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I understand college requirements.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I understand the costs of college	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I understand the college financial aid process.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have an idea of what I want to do with my career.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am knowledgeable about the skills I need for a career in Science, Technology, Engineering or Math.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am knowledgeable about the skills I need for a career in Health or Medicine	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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<b>Your Experience in the MedSTEM Pathways Program</b>					
<b>How effective was this program in helping you...</b>					
	Not at all	Somewhat	Neutral	Mostly	Highly
Understand what I need to do to get ready for college	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understand the range of jobs in the healthcare field	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Think about what specific health or STEM career I might want to have	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understand what education I need to have a health or STEM career	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understand how to present myself in a professional environment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Work collaboratively with other students	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Communicate effectively in the workplace	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Learn practical health-related skills (CPR, blood pressure)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Know how to do research	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Give a good presentation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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**Your Internship Experience in the MedSTEM Pathways Program...**

	Strongly Disagree	Disagree	Neutral (Neither Agree nor Disagree)	Agree	Strongly Agree
My internship experience helped me to develop skills to solve problems.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My internship experience helped me to develop STEM and healthcare knowledge and skills.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My internship experience helped me to develop professional competence.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Overall, how would you rate your internship experience this summer?

Excellent  
 Good  
 Fair  
 Poor

How would you rate the working relationship you had with your preceptor?

Excellent  
 Good  
 Fair  
 Poor

What was most satisfying about your job and/or the internship experience?

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Is there something you think you could have done to improve your experience?

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<b>How useful did you find each of the following:</b>					
	Not at all	Somewhat	Neutral	Mostly	Highly
My MedSTEM classes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
RU Ready Workshops	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
College & Career Writing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Career Panels	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Morning Huddles	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Weekly Huddle Emails	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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**Thinking about your experience this summer overall, how much do you agree or disagree with the following...**

	Strongly Disagree	Disagree	Neutral (Neither Agree nor Disagree)	Agree	Strongly Agree
Communication was clear	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I want to return to this program again next summer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I would recommend this program to a friend	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
This program made me more committed to work in a health or STEM field	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
This program gave me a clearer idea of next steps I need to take for a health or STEM career	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Why did you decide to participate in this program? (Please select all that apply)

- I like science
- I like helping people
- I want to go explore jobs in the medical/health field
- I want to explore jobs in other fields (information technology, law, finance, etc.)
- It will help me get into college/look good on my resume
- I want work experience in a professional environment
- A teacher suggested it
- A family member suggested it
- Other

What are your plans after high school? (Please select all that apply)

- Four-year College or University
- Two-year College or University
- Certificate Program
- Full-time Employment
- Part-time Employment
- Military
- Not Sure Yet
- Prefer Not to Disclose

What were your MOST favorite experiences from participating in the program this summer?

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What were your LEAST favorite experiences from participating in the program this summer?

\_\_\_\_\_

What changes could the Rush Education and Career Hub make to the MedSTEM program to make it more effective for students?

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Anything else you would like to share about your experience this summer?

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