

Community Example: Greater Joliet YMCA, REACH, and Barnes-Jewish Hospital

Health Sciences Career Development Experiences

Greater Joliet Area YMCA, Rush Education and Career Hub (REACH), and Barnes-Jewish Hospital communities shared their health sciences career development experiences.



I-WIN

Illinois Work-Based Learning
Innovation Network

Videos



I-WIN showcased three Illinois communities that piloted a multigenerational health sciences career exploration event: Greater Joliet Area YMCA, Rush Education and Career Hub (REACH), and Barnes-Jewish Hospital to provide information on education and career opportunities for both students and families. Partners who collaborated on the event included representatives from secondary, postsecondary, and hospitals.

Attachments

1. Career Development Experience: Chicago
2. Career Development Experience: East St. Louis
3. Career Development Experience: Plainfield/Joliet

Career Development Experience Model

PROJECT OVERVIEW	
Career Development Experience Title	MedSTEM Pathways Internship
Source(s)	www.reachatrush.org – MEDSTEM Pathways Internship brochure
Industry Partner(s)	Rush University Medical Center – Rush Education and Career Hub (REACH)
Endorsement Area	Health Sciences & Technology
Description of CDE	<p>MedSTEM Pathways is an intensive academic enrichment program designed to introduce teens to a variety of STEM/healthcare careers, strengthen academic preparation, and develop leadership skills.</p> <p>Students will engage in hands-on experiences in designated departments like Radiology and Diagnostics, Clinical Engineering, Emergency Room, Research, and more.</p> <p>In addition to hands-on experiences, students will strengthen college readiness and life skills through academic and personal development courses.</p>
<u>Essential Employability/ Technical Competencies</u>	Students will engage in hands-on learning to strengthen communication, teamwork, critical thinking, and problem-solving skills.
Credit and/or Compensation Provided to Participants	Students will have the opportunity to earn industry-recognized credentials and a stipend
Delivery Model & Location/ Platform	Interns spend six-weeks up to 12 hours per week gaining work-based learning experience in designated Rush departments or partner organizations, plus 8-12 hours in classes related to certifications and /or their career interests. This combination of in-class and experiential learning helps interns strengthen college readiness and life skills.

PROGRAM TIMELINE

Stage/Week:	Topics/Events:	Timeline	Deliverables:
Student Recruitment	Students complete the MedSTEM Pathways application including their resume, a letter of recommendation, medical record, and an official transcript.	January - March	Rush Education & Career Hub staff collect, review, and decide whom to interview.
Onboarding/ Orientation	HIPAA Training	Two days before the first day of work	
First Days	Host & Participant Check-in	Mid-June through end of July	Participant Reflection (Beginning)
Mid-Point Check-In	Mid-point Assessment and/or Site Visit Host & Participant Check-in		Site Visit Observation Form
Wrapping Up	Host & Participant Check-in		Participant Reflection (During)
Conclusion	Capstone Presentations	Early August	

This resource was created by [Education Systems Center at Northern Illinois University](#) in partnership with the [Rush Education and Career Hub](#).

The Illinois Work-Based Learning Innovation Network (I-WIN) is designed to help employers, educators, and students leverage innovative models for scaling high-quality work-based learning opportunities in school districts and community colleges across the State. This network explores ways to create equitable opportunities for students through both in-person and virtual learning. For more information on I-WIN and additional work-based learning resources, visit edsystemsniu.org/i-win/.



Career Development Experience Model

PROJECT OVERVIEW	
Career Development Experience Title	Dr. Helen Nash High School Internship for Excellence in Healthcare
Sources	Recording and presentation available through I-WIN
Industry Partner	BJC HealthCare: St. Louis Children’s Hospital
Endorsement Area	Health Sciences & Technology
Description of CDE	<p>The student will rotate, for several days each week, through various hospital departments, being assigned and completing small departmental projects designed to introduce students to specific careers in healthcare. Departmental rotations include Strategic Planning, Nursing, Pharmacy, Advocacy/Outreach, Physician or Scientist, Radiology, and Therapy.</p> <p>Typical Weekly Format:</p> <ul style="list-style-type: none"> ● Monday/ Tuesday/Wednesday: Departmental Rotation ● Thursday: Review/Write-up day <p>Week 4 concludes with a student presentation of the internship experience, having created this presentation on Fridays, which is a review/write-up day.</p> <p>Throughout the experience, students are encouraged to:</p> <ul style="list-style-type: none"> ● Acquire information about healthcare careers, personal interests, strengths, and limitations to develop short and long-term postsecondary plans ● Apply learning through practical experience that develops knowledge and skills necessary for success in careers and postsecondary education ● Adapt to meet changes in personal needs and the health care workforce

<u>Essential Employability/ Technical Competencies</u>	Initiative and Self-Drive, Adaptability and Flexibility through patience with a complex work environment, and Cultural Competence
Credit and/or Compensation Provided to Participants	Students are paid
Delivery Model & Location	In-person, four-weeks, 32 hours/week at Barnes-Jewish Hospital Occurs the summer, after completion of junior or senior year in high school

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Career Development Experience Model

PROJECT OVERVIEW	
Career Development Experience Title	Silver Cross Student Intern Program
Industry Partner	Silver Cross Hospital
Endorsement Area	Health Sciences & Technology
Description of CDE	<p>This program assists students that have expressed an interest in some sort of healthcare career but who may not understand the diversity of opportunities in the healthcare field. By spending from one day to one week in each department throughout the semester, they become knowledgeable of the varied opportunities within a hospital and the healthcare field to make more educated decisions regarding their future career paths at an early age.</p> <p>Seniors enrolled in Human Anatomy & Physiology class are eligible to apply to the semester-long program. Under the supervision of a classroom instructor and hospital managers, the students learned about careers, shadowing others and touring several areas of the hospital, the release said. Those areas included the University of Chicago Medicine Comprehensive Cancer Center at Silver Cross, diagnostic imaging, laboratory, women and infant services, procedural care unit, the Silver Cross Free-Standing Emergency Care Center in Homer Glen, cardio-pulmonary rehabilitation, the Silver Cross Neuroscience Institute, patient care units, The Rehabilitation Institute of Chicago at Silver Cross, sterile processing, pharmacy, respiratory care, the security department, volunteer services, and physician practices. They also attended lectures to learn more about the pathway to becoming a physician, nurse, and other professions.</p>
Credit and/or Compensation Provided to Participants	Students receive credit through their Human Anatomy and Physiology course
Delivery Model & Location	Semester-long program includes both in-classroom experience and hands-on hospital experience

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