



We're made for *igniting* your
students *interest* in STEM
health care careers

2019-2020
Spark!
Challenge

Dear School Partner,

Your students are made for an exciting future. It's a future of applying their knowledge and unique insight into some of the biggest challenges we face. At Northwell Health we'd like to help prepare them for this amazing future. We're excited to announce our sixth annual Spark! Challenge: Igniting student interest in STEM health care careers. We'll once again be partnering with local high schools, and encourage you to be a part of this great program. Student teams will be invited to participate in a one day experience at Northwell Health designed to showcase a variety of STEM-related health care careers.

Students will be given a unique opportunity to preview clinical and non-clinical career paths through practical and engaging encounters with professionals in the field. In addition, they'll cultivate essential skills, such as teamwork and communication by working together on a project. This year's project theme is innovation. Participating students will:

1. Create an advertisement which spotlights a selected career.
2. Students will participate in a two-minute presentation at the Spark! Challenge award celebration answering one of two questions. Question 1 will focus on what your selected career will look like in 10 years and Question 2 will focus on an improvement to increase efficiency in your selected career. More details to follow. Prizes will be awarded to the most creative presentations and impactful advertisements, as determined by a team of judges.

In addition to teacher participation, we also invite and strongly encourage guidance/school counseling staff to take part in this event, each of whom plays a pivotal role in providing career direction and coaching. Through collaboration and partnership, we can open young minds to the realm of possibilities for successful futures.

To find out more information about the Spark! Challenge, please visit our website at NorthwellCareers.com/SparkChallenge. There you will find the link to register your school to participate. We'll do our best to include all interested schools; however, since this is a high demand program schools will be considered on a first come, first serve basis. We'll send out a notification confirming your participation on October 4, 2019 with more details and next steps.

Enclosed is an overview of the Spark! Challenge. If you have any questions, please email SparkChallenge@northwell.edu or call our Spark! Challenge Call Center at 516-535-9290.

We sincerely hope to see you at one of our 2019 Spark! Challenge events!

Best,
Cheryl Davidson
Sr. Director of Workforce Readiness
Northwell Health



Overview

Are your students made for something more – like redefining the way health care is delivered? If they have an interest in a STEM career, Northwell Health is leading the charge to build career awareness by partnering with local high schools to participate in the Spark! Challenge. Students will be introduced to a wide variety of health care careers that require competencies in STEM skills. In addition, they'll cultivate essential skills, such as teamwork and communication by working together on this year's project. The Spark! Challenge will engage students and showcase both clinical and non-clinical career paths, connecting to our values.

*Please note: All participants (students and teachers) visiting a clinical site must complete the health clearance form.

Program Objectives

- Spark student interest in healthcare-related STEM careers
- Allow students to explore different careers paths through realistic job previews/explorations
- Identify potential career options and assess compatibility with student interests and career goals
- Provide relevancy between school coursework and its application in real-work settings
- Offer teachers/school counselors insight into the scope of health care careers in support of coaching students
- Establish/enhance relationships between Northwell Health and our future workforce

About the Spark! Challenge

- Various Northwell Health site teams (clinical and non-clinical) will host local 11th and 12th grade high school students on-site and showcase their career area(s)
- Following the Spark! Challenge visit, student teams will be required to collaborate to market their chosen career by developing an advertisement and presenting at the Spark! Challenge Awards Celebration on April 2, 2020

Spark! Challenge Guidelines

- The Spark! Challenge committee will assign school teams to their Northwell Health host site on October 4, 2019
- Schools will be advised of their assigned location and the number of students the site can accommodate; each school will determine their own student participant selection criteria
- Schools are responsible for ensuring completion and submission of required student participation forms (health clearance – where required, and photo releases) two weeks before the date of their scheduled visit
- Spark! Challenge events will take place on a school day (between November 1, 2019 – December 18, 2019) you'll be advised of your Spark! Challenge date on October 4, 2019

Timeline

- September 26, 2019: School applications are due
- October 4, 2019: Notification of Northwell Health and school team matches
- November 1, 2019 – December 18, 2019: Spark! Challenge on-site visits
- February 5, 2020: Student projects are due
- April 2, 2020: Awards Celebration



**Northwell
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Thank you to all the schools and Northwell Health partners that helped make the 2018-2019 Spark! Challenge a huge success.

Participating Schools:

Amityville Memorial High School
Baldwin High School
Bay Shore High School
Briarcliff High School
Carle Place High School
Chaminade High School
Comsewogue High School
Deer Park High School
Division Avenue High School
East Islip High School
East Meadow High School
Excelsior Preparatory High School
Farmingdale Senior High School
Fox Lane High School
Freeport High School
General Douglas MacArthur High School
Glen Cove High School
Harborfields High School
Hauppauge High School
Herricks High School
Holy Trinity High School
Huntington High School
John F. Kennedy High School -
Bellmore-Merrick
Lindenhurst Senior High School
Lynbrook High School
Massapequa High School
Mepham High School
New Hyde Park Memorial High School
North Shore High School
Patchogue Medford High School
Plainview Old Bethpage Kennedy High School
Richmond Hill High School
Sacred Heart Academy
Shoreham Wading River High School
St Joseph Hill Academy

Stella K Abraham High School for Girls
Syosset High School
Tottenville High School
Uniondale High School
Valley Stream Central High School
Valley Stream North High School
Valley Stream South High School
W.T. Clarke High School
Walt Whitman High School
Ward Melville High School
Westbury High School
William Floyd High School

Site Participation:

Center for Emergency Medical Services
Center for Health Innovations and Outcomes Research
Center for Tobacco Control
Cohen Children's Medical Center -Trauma
Community Health
Corporate - Compliance, Finance, Human Resources,
Legal, Legal Affairs, Risk Management, Total Rewards
& Wellness
Corporate Office of the Chief Information Officer
(OCIO)
Employee Health Services
Equity of Care
Family Medicine Department
Glen Cove - Patient Experience, Operating Room, &
Rehabilitation
Huntington Hospital - Careers & Information Services
Institute for Nursing
Joint Ventures Operations
Lenox Hill Hospital – Advanced Practice & Careers
Long Island Jewish Medical Center - Emergency
Department, Pharmacy, Radiation Medicine
Department, Radiology, Nursing, & Operating Room
Monter Cancer Center

North Shore University Hospital - Trauma, Advanced
Practice, Cardiology, Culinary, Emergency Ultrasound,
Laboratory, Neurology, & Pharmacy
Northern Westchester Hospital
Northwell Health Brief Intervention, Referral to
Treatment, SBIRT and Screening
Northwell Health Imaging at Great Neck
Northwell Health Physician Partners - GYN at Islandia,
Neuroscience Institute at Great Neck, Surgical
Specialties at Lynbrook, & Urogynecology
at Bay Shore
Northwell Health Solutions
Northwell Health Venue Development
Office of Chief Information Officer
Office of Procurement
Orzac Center for Rehabilitation
Peconic Bay Medical Center - Engineering &
Rehabilitation
Phelps Hospital
Plainview Hospital - Culinary & Emergency
Department
Revenue Cycle
South Oaks Hospital
Southside Hospital - Careers & Centralized
Biomedical Services
Sports Therapy and Rehabilitation Services
Staten Island University Hospital - South Campus &
North Campus
Stern Family Center for Rehabilitation
Surgical Specialties
Syosset Hospital
Talent Acquisition
TeleHealth
The Feinstein Institute for Medical Research -
Genetics & IRB
Transitions of Long Island
Workforce Safety

To learn more information about the Spark! Challenge



visit our website at
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