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Women In Bio and Young Women In Bio Announce Second Annual Spring Into STEM™ Festival

A festival of YWIB events in the U.S. and in Canada to ignite girls' curiosity in STEM

(New York, New York) – (June 18, 2018) – Young Women In Bio (YWIB) is proud to announce the conclusion of its second annual Spring Into STEM™ Festival, a series of STEM-focused events across the country and in Montreal for young girls to explore the wide range of educational and career opportunities open to them in STEM. From the first day of spring in March through the beginning of May, participating chapters of YWIB reached out to middle school and high schools girls by hosting a wide range of events and activities, including tours of companies, panel discussions and participation at major STEM Festivals. Among the companies, universities and organizations participating in Spring Into STEM™ include Celgene Corporation, Charles River Laboratories, Clovis Oncology, LaunchLabs, La Jolla Pharmaceutical Company, CUNY Grove School of Engineering, Drexel University, North Carolina State University, Ascentech, mHub, Westchester Biotech Project and the Garfield Park Conservancy Alliance.

Spring Into STEM™ concluded with its keynote event, “Today’s Students, Tomorrow’s Scientists,” held on April 28, 2018 at North Carolina State University’s Biomanufacturing Training and Education Center (BTEC) on Centennial Campus. The event for middle school girls included experiments in chemistry, physics, ecology, epidemiology and molecular biology. In addition, the students networked with local women in STEM and volunteers from the Graduate Women in Science and Women in Bio local chapters. A keynote talk was given by Dr. Janice Swab of Meredith College.

“Our Spring into STEM™ Festival is one of the highlights of the school year for both our students and volunteers participating in YWIB,” said Lily Wound, National Chair of YWIB. “We held approximately 70 YWIB events and programs across the country and in Montreal during the 2017-2018 school year. The Spring Into STEM™ Festival is a way for us to showcase what we do all school year long, which is to collaborate with universities, companies, government entities, hospitals and other organizations to develop engaging and meaningful events and programs for young girls from elementary school through high school that focus on the power of STEM and affecting positive change through STEM.”

Below is a list of featured events that were held during the 2018 Spring Into STEM™ Festival.

March 22, 2018: YWIB-Pittsburgh: “Take a Seat at the Table: Empowering Women and Promoting Inclusion in Boardrooms”

On March 22, 2018, YWIB-Pittsburgh hosted a group of high school girls who attended a WIB-Pittsburgh panel discussion entitled, “Take a Seat at the Table: Empowering Women and Promoting Inclusion in Boardrooms,” where they were able to ask questions of the panel and meet panel members and attendees from a range of industries.

March 23, 2018: YWIB-Metro New York: “Curious About Careers in Biomedical STEM?”

On March 23, 2018, YWIB-Metro New York held the event, “Curious About Careers in Biomedical STEM?” at Celgene Corporation in Summit, NJ. The event started with a lively introduction - a DJ play music while each of the schools stood up to cheer when announced; 168 students attended from 9 New Jersey schools. Four students groups toured 1) Oral dosage form facility, 2) Analytical lab, 3) Biologics development & manufacturing. Nine speakers from various backgrounds (BS, MS, PhD, MD/ Sciences, Engineering, Law) presented their educational background and career development, and gave advice to the students. All students were given a Celgene t-shirt and a YWIB career overview handout.

March 23-24, 2018: YWIB-Pittsburgh: “YWIB-Pittsburgh Sponsors Awards at Covestro Pittsburgh Regional Science & Engineering Fair”

For the fourth consecutive year, YWIB-Pittsburg and WIB-Pittsburgh members participated as Sponsor Judges in the 79th annual Covestro Pittsburgh Regional Science and Engineering Fair (PRSEF) in support of our YWIB engagement. The Covestro PRSEF is one of the oldest and largest science fairs in the nation, with more than 1,000 students competing for awards totaling over \$1 million in cash and scholarships. Students in grades 6-12 from throughout the region presented research projects in science, mathematics, and engineering. YWIB-Pittsburgh and WIB-Pittsburgh members awarded Sponsor Awards to two young women whose projects demonstrated extraordinary scientific insight.

March 24, 2018: YWIB-Atlanta: “YWIB-Atlanta at Atlanta Science Festival Expo Day!”

YWIB-Atlanta hosted a booth at the Atlanta Science Festival Expo Day with hopes of seeing over 1500 young women. YWIB-Atlanta held four demos paired with information about famous female scientists.

April 6-8, 2018: YWIB-Capital Region: “YWIB-Capital Region Participates at the 2018 USA Science & Engineering Festival”

YWIB-Capital Region hosted a booth at the 2018 USA Science & Engineering Festival, a STEM festival which draws over 35,000 attendees. YWIB-Capital Region estimates that at least 5,000 young students participated in YWIB-Capital Region’s double booth of STEM activities, with 3 full days of nonstop long lines. YWIB-Capital Region held different activities at its booth such as a

fluorescence microscope hands-on display of slides, an anatomy display and game with human torso and 3D visuals with goggles about human blood stream and neurons.

April 11, 2018: YWIB-Metro New York: “Discover Engineering”

On April 11, 2018, YWIB-Metro New York partnered with the CUNY Grove School of Engineering to host “Discover Engineering” in New York City, an evening introducing the fields and careers of engineering to high school girls from the New York City area. The first part of the event was an open house where the students were able to visit CUNY Engineering clubs and participate in hands-on demos. The second half of the event featured Q&A sessions with CUNY Engineering students and admissions staff.

April 11, 2018: YWIB-San Francisco: “Clovis Oncology Job Shadow Week”

During the San Francisco Unified School District’s Spring Break, Clovis Oncology provided a work-based learning opportunity to seven young women of the Abraham Lincoln High School’s biotech program. With the help of YWIB-San Francisco, Clovis Oncology provided each of the seven young women with a mentor for a job shadow experience. Each mentor represented various areas of expertise in the biotech industry -- human resources, clinical research and operations, business analytics, commercial operations, and project leadership, so that the girls could experience a day in the life of a professional in biotech.

April 12, 2018: YWIB-Philadelphia: “YWIB-Philadelphia at Drexel University”

YWIB-Philadelphia and Drexel University hosted middle and high school girls at Drexel University's Integrated Sciences Building for a tour and talks on STEM on April 12, 2018. The girls met current undergraduate and graduate students and faculty while engaging in small group discussions. The discussions covered a variety of topics including the current roles of the women, their roles in STEM and how they got to where they are today.

April 13, 2018: YWIB-Chicago: “Tour of Garfield Park Conservatory Alliance,”

On April 13, 2018, YWIB-Chicago held an event, “Tour of Garfield Park Conservatory Alliance,” in which it hosted the Ladies of Virtue and WIB members and their daughters for a self-guided tour of the Garfield Park Conservatory Alliance. The Ladies of Virtue is a non-for-profit group dedicated to the improving the lives of your women, ages 10-18, in underserved communities in the Chicagoland area.

The Garfield Park Conservatory is one of the largest and most stunning conservatories in the nation. The mission of the Alliance is to changes lives through the power of nature. This tour inspired, educated, and provoked exploration of nature while exposing the girls to historic Chicago architecture. The attendees participated in a self-guided tour of the Adaptations Experience inside the park and in the Outdoor Garden. During and after the self-guided tour attendees had

an opportunity to ask YWIB-Chicago and WIB-Chicago members questions, as well as time to network with girls interested in careers in science.

April 13, 2018: YWIB-Greater Boston: “Shaping Sound: An Intro to Acoustics”

YWIB-Greater Boston presents “Shaping Sound: An Intro to Acoustics” at Acentech Inc. where girls in middle school and high school learned more about biotech and STEM-related career options through demonstrations and one-on-one activities.

April 14, 2018: YWIB-Chicago: “Tour of mHUB”

On April 14, 2018, YWIB-Chicago hosted a tour of mHUB for middle school girls. mHUB is Chicago’s innovation center for physical product development and manufacturing and is creating the conditions for product innovation to thrive. The mission of mHUB is to galvanize Chicago’s manufacturing ecosystem by generating innovative ideas, attracting world-class talent, and fostering collaboration. By providing access to labs and equipment, industry experts and workshops, and a community of other product innovators, mHUB helps turn ideas into prototypes, and prototypes into sustainable new businesses that drive economic impact and ensure the region’s continued leadership in global manufacturing.

The attendees toured mHUB’s nine prototyping labs, attended a demonstration of the Laser Cutting Lab and learned how mHUB helps turn ideas into prototypes and prototypes into new businesses. During the tour and lunch, attendee had an opportunity to ask members of mHUB and YWIB-Chicago questions, as well as time to network with girls interested in careers in STEM.

April 17, 2018: YWIB-Metro New York: “Biotech Entrepreneurship at LaunchLabs”

On April 17, 2018, YWIB-Metro New York hosted an event entitled, “Biotech Entrepreneurship” with LaunchLabs in New York City. This event provided students with an opportunity to engage with member companies of one of the premier life sciences incubators in NYC, LaunchLabs, at the Alexandria Center for Life Sciences. Students spoke with LaunchLabs’ entrepreneurs about their academic and professional careers, visited LaunchLabs’ collaborative working environment, and toured the wet lab.

April 17, 2018: YWIB-Southern California: “La Jolla Pharmaceutical Company Lab Tour”

On April 17, 2018, La Jolla Pharmaceutical Company (LJP) hosted and sponsored a Young Women In Bio (YWIB) event in their UTC location. LJP focuses both on internal drug discovery and research and development of compounds discovered by other companies or institutions. The event was a great educational opportunity for high school students. Not only did it include a presentation on drug discovery, but also there was a very interesting lab tour.

April 27, 2018: YWIB-Greater Montreal: “Science Workshop at Charles River Laboratories”

YWIB-Greater Montreal presented the Spring Into STEM™ Science Workshop designed to encourage young women to explore career opportunities & fields of study in science, technology, engineering, and mathematics (STEM). This event offered tours of Charles River Laboratories, demonstration of lab experiments and discussions in the field of science in a clinical setting.

April 28, 2018: YWIB-RTP: “Today’s Students, Tomorrow’s Scientists”

YWIB-Research Triangle Park (RTP), in collaboration with Graduate Women in Science RT, hosted their second Spring into STEM event on April 28, 2018. 60 Middle school girls joined us for an afternoon of scientific activities and exploration. Fields of science represented included: chemistry, physics, ecology, epidemiology, and molecular biology. Experiments and networking were presented by local women in STEM and volunteers from the Graduate Women in Science and Women In Bio local chapters. A keynote talk was given by Dr. Janice Swab of Meredith College. Each student also received their own lab notebook. The event was held at North Carolina State University’s Biomanufacturing Training and Education Center (BTEC) on Centennial Campus.

April 29, 2018: YWIB-Metro New York: “From Lab to Market, An Intergenerational Discussion”

On April 29, 2018, YWIB-Metro New York hosted an on-line webinar event, “From Lab to Market, An Intergenerational Discussion”. The program featured Judith Sheft, Associate VP Technology Development, NJIT and Akila Saravanan, Editor-in-Chief, curiousSCIENCEwriters. This webinar was a collaboration between the Westchester Biotech Project (WBP), curiousSCIENCEwriters (cSw), and YWIB-MetroNY and was designed to inspire high-school students interested in science to forge ahead towards their passion without concern.

May 2, 2018: YWIB-Seattle: “Spring Into STEM 2018”

YWIB-Seattle hosted the screening of Dream, Girl a documentary highlighting female entrepreneurs and inspiring girls to become leaders. Following the screening, local female entrepreneurs in STEM lead a discussion and Q&A with the audience.

About YWIB: Young Women In Bio (YWIB) gives girls the inspiration and support they need to become tomorrow’s leaders in science, technology, engineering and math (STEM). As a nonprofit with 13 chapters across the U.S. and Canada, we partner with leading companies, universities, hospitals and organizations to develop engaging, educational and motivational programs. We aspire to be the “go to” organization for girls looking to shape and change the world through STEM, providing them with the tools and resources they need to build successful careers.

About WIB: Women In Bio is an organization of professionals committed to promoting careers, leadership, and entrepreneurship of women in the life sciences. Each local chapter hosts numerous events throughout the year that vary from networking events to career development,

to professional education, to executive level-focused events. In addition to events, WIB hosts a mentorship program that offers women the chance to mentor or be mentored, a Young Women In Bio program that offers events and programs in STEM to young girls, webinars, and provides the support of a large national organization with 13 chapters and growing. As a volunteer organization, WIB offers leadership opportunities at every stage of your career, and a chance to expand your network in a supportive and professional environment.

To learn more, visit: <http://www.womeninbio.org/ywib>