

Make the most of your visit

eady to learn more about the opportunities available to students interested in science, technology, engineering and math? There's no better place to explore your options than at a NACAC STEM College and Career Fair.

College admission representatives and industry professionals are all gathered in one place. Their goal? To help you envision educational and career paths in STEM. Make the most out of your day by following these simple steps.

1. Take time to explore. The list of STEM-related degrees and careers is nearly endless, and it continues to grow. Set aside time to investigate the majors and careers that most interest you — but don't let your search stop there. Institutions across the country offer STEM programs, and companies big and small

eady to learn more about the opportunities available to critically.

2. Keep an open mind. That's the advice of Susan Rexford, director of college guidance at the Charles E. Smith Jewish Day School (Maryland), who says, "If you go in with a preconceived idea of the types of colleges or industries you want to explore, you may end up missing out on potential majors or careers that would be a perfect fit." Make note of exhibitors you know you want to visit. But also leave time to explore, and scan through the fair's schedule of workshops—sessions that offer invaluable advice about internships, career opportunities, and more.

You don't want to make the mistake of going into the fair so focused on one STEM career — say mechanical engineering — that you overlook other great

opportunities. "Take the opportunity to learn about a variety of STEM careers," Rexford says. "Knowing what you like (and what you don't like) will pay off later in the college search process."

3. Learn about admission requirements. Your path to a STEM career starts with a college degree. Talk with admission representatives about what you can do to improve your chances of finding success as a STEM student.

"We want kids to be taking math and science classes all the way through high school," says Jonathan Hoster, an undergraduate recruitment specialist with the College of Engineering and Computer Science at Syracuse University (New York). "We want to see that students have taken the most challenging courses available to them. When I'm reading applications, I need to get a sense from a

Workshops

Seating is limited. Make sure to pre-register for the workshop of your choice at www.nacacnet.org/college-fairs/STEM/Pages/NewYork.aspx in mid-October.

- Finding a Mentor in STEM
- Sound Engineering
- Speed Networking/Mentoring
- Opportunities in Technology
- Pre-College Training in Technology
- Girls Who Code
- · Life at Google
- · Careers in Math and Business

student's transcript that they're going to be able to be successful in a challenging environment."

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Oct. 29, 2016

Noon - 4 p.m.

Columbia University - Lerner Hall



Due to venue capacity and related fire codes, the New York STEM College and Career Fair pre-registration is full. All pre-registered attendees will be given time slots to guarantee entry into the fair. Only those time slots can be honored. All others will be permitted on a first come, first served basis, if space allows.



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CUNY*AMERICAN DREAM MACHINE

THE CITY UNIVERSITY OF NEW YORK CITY COLLEGE OF NEW YORK-1847 HUNTER COLLEGE-1870 BROOKLYN COLLEGE-1930 QUEENS COLLEGE-1937 NEW YORK CITY COLLEGE OF TECHNOLOGY-1946 COLLEGE OF STATEN ISLAND-1956 BRONX COMMUNITY COLLEGE-1957 QUEENSBOROUGH COMMUNITY COLLEGE-1959 CUNY GRADUATE CENTER-1961 BOROUGH OF MANHATTAN COMMUNITY COLLEGE-1968 KINGSBOROUGH COMMUNITY COLLEGE-1963 JOHN JAY COLLEGE-1964
YORK COLLEGE-1966 BARUCH COLLEGE-1968 LAGUARDIA COMMUNITY COLLEGE-1968 LEHMAN COLLEGE-1968 HOSTOS COMMUNITY COLLEGE-1970
MEDGAR EVERS COLLEGE-1970 CUNY SCHOOL OF LAW-1983 MACAULAY HONORS COLLEGE AT CUNY-2001 CUNY GRADUATE SCHOOL OF JOURNALISM-2006
CUNY SCHOOL OF PROFESSIONAL STUDIES-2006 GUTTMAN COMMUNITY COLLEGE-2011 CUNY GRADUATE SCHOOL OF PUBLIC HEALTH AND HEALTH POLICY-2016 CUNY SCHOOL OF MEDICINE-2016

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STEM College & (

See who's coming to STEM CACF 2016 A complete list of schools you'll find at the fair



Florida Institute of Technology, 20 Florida Polytechnic University, 21 Nova Southeastern University, 22 University of Central Florida, 23 University of Florida, 24 University of Miami, 25



International

Cardiff University - Cardiff, U.K., 1 Glasgow Caledonian University -Glasgow, U.K., 2

IE University - Segovia, Spain, 3 Imperial College London - London, U.K., 4

University College Dublin - Dublin, Ireland, 5

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Rochester Institute of Technology, 68 The Sage Colleges, 69 St. Joseph's College, 70 St. Thomas Aquinas College, 71 SUNY at Plattsburgh, 72 SUNY College at Cortland, 73 SUNY College at Fredonia, 74 SUNY College at Oswego, 75 SUNY College at Potsdam, 76 SUNY College of Environmental Science & Forestry, 77 SUNY Maritime College, 78 Syracuse University Engineering & Computer Science, 79 Union College, 80

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Southern Methodist University, 94 University of Texas at Arlington, 95

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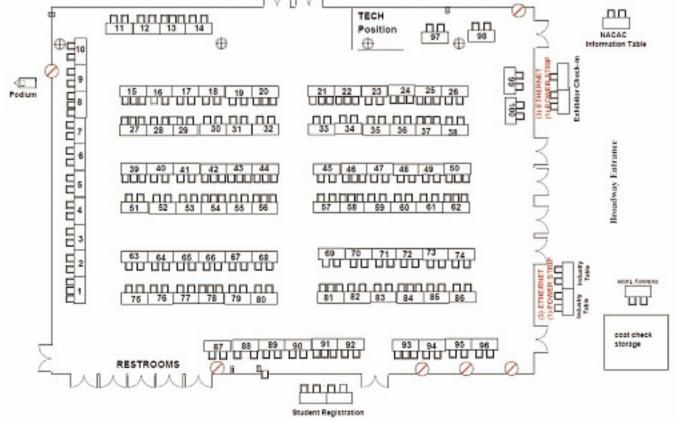
Washington

DigiPen Institute of Technology,

West Virginia

West Virginia University, 100

NACAC would like to give special thanks to our New York City STEM College and Career Fair Local Liaison, Kristen Harris from College Readiness Supports.



Workshop

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4. Ask college reps about other helpful classes or activities. Are writing and public speaking skills important? What about participation in extracurriculars related to STEM, such as robotics?

"We want to make sure students walk away knowing the steps they can take to be prepared." Hoster says.

5. Share your story and get the facts. $\ensuremath{\mathsf{Is}}$ there a specific STEM subject or activity that excites you? Let fair exhibitors know.

"A great way to start a conversation is by telling them a little bit about yourself," Rexford savs.

Love working with math equations? Ask which STEM majors and careers would allow you to solve problems on a daily basis. Are you fascinated by the human genome? Find out which types of jobs include DNA analysis.

"This is an opportunity for students to talk about their interests, and find out how they can continue to explore those areas in college, and later as a STEM professional," Hoster says.

Fairs also give students an opening to guiz exhibitors about the path ahead.

What sort of projects or research do students at a particular college tackle? What qualities do businesses look for when hiring entry-level STEM employees?

"Ask for concrete examples," Hoster says. "It can help you decide if a college or career is right for you."

6. Ask questions and take notes. Up to 100 exhibitors are expected at each fair. offering attendees the opportunity to have dozens of conversations about college and career options.

7. Use a notebook to capture the highlights. Does an engineering program host an annual solar car race? Are students from all 50 states represented on campus? Did a college just open a new robotics lab?

"You don't have to take copious notes," Rexford says. "But if you remember to jot down two facts after you've met with a college (representative) or employer, you'll be in good shape."

8. And don't be shy about asking for contact information. You may learn about job shadow opportunities or summer STEM programs aimed at high school students. Admission officers can help you plan a campus visit.

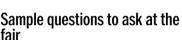
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Students should consider writing thank you notes to college reps or other exhibitors who were especially helpful, Rexford suggests

"The fair is a first step," she says. "Schedule a tour or send an email to keep the conversation going."

STEM CACF Tip Sheet

entry points to a STEM career. Starting the conversation early to become familiar with course requirements, summer opportunities, and other recommended activities is key. Secondary school students at any grade level are encouraged to attend the STEM College and Career Fair. While you don't need to know your exact future college and career plans. do your homework, come with questions, and be prepared to learn more.



- What classes should I take to prepare?
- What should I be doing outside the classroom?
 - What financial support do you have?
- Are there research opportunities?
- How long will it take to graduate? • Do you have internships or co-ops?
- What skills are employers looking

· What summer/school year programs do you offer?



• What companies/colleges do you partner with?

· What do people in this field do?

Attending colleges are actively recruiting for STEM programs. This is an opportunity for you to have in-depth conversations about majors, career options, research, summer opportunities, internships, scholarship programs, and

College representatives from a range of colleges and universities are available to speak with you individually about college admission requirements, the application process, and college life in general. A list of participating colleges is available at www.nacacnet.org/NYCSTEM.



Join SUNY Empire State College for our undergraduate Statewide Open House at one of 35 locations across New York state.

October 27, 5:30 p.m.

Find out why SUNY Empire ranks #1 among SUNY students statewide and:

- · Explore customized undergraduate degree programs and transfer credit options.
- · Learn about admissions requirements.
- Discover how affordable earning your degree can be.

Your fee will be waived for your application by attending.



SUNY Empire State College A college built around your life

closer than you think. At SUNY Empire State College, we remove the time and location barriers that often stand in the way of adult learners and their college degree. When you enroll in one of our 12 customizable undergraduate programs, you choose how and when you study - online, onsite, part-time or full-time. We put you in control of your education so you can finish your degree and achieve your career and personal goals.

Learn more. Join us at our undergraduate open house on Oct. 27 at 5:30 p.m. at one of 35 locations across New York State, including Manhattan, Staten Island and Brooklyn.

What's in it for you?

 Meet and network with faculty, staff, students and alumni from your area, and

our college degree might be find out how SUNY Empire's flexible, customized undergraduate degree programs make it easy to earn a degree while you work and manage your busy life.

- Learn how our generous transfer credit and credit for prior work and life experience can save you time and
- · Learn about our admissions requirements, and get a jump on the application process.
- Find out about SUNY's extensive financial aid options and how affordable earning your degree can be

We'll even waive the fee for your application when you attend.

Spend an evening with us, and find out why SUNY Empire ranks No. 1 among SUNY students statewide.

To register at one of our locations near you, visit esc.edu/SWOH or call 888-332-1569.

ADVERTISING

STEMCollege Fair

Molloy College named nation's No. 1 Value All-Star



ollege-bound students and their parents are always looking for an academic environment that offers the best fit for the student and the best value for their tuition dollars. That is why Molloy's latest honor, being ranked the "No. 1 Value All-Star" in the nation by Money® magazine, is so rewarding.

The recognition comes as part of Money's annual college rankings, which acknowledge the best of the country's institutions of higher education in a multitude of categories. Molloy's top ranking was based on a variety of factors, including graduation rates and earnings of graduates. This category was designed to "determine which schools actually add the most value," according to the magazine.

Investing in student success

"We are proud that *Money* magazine has recognized what we at Molloy have always known," says Drew Bogner, Molloy's president. "We invest in student success, and we challenge our students to succeed. Molloy students are committed to a value system that stresses a strong work ethic, resiliency, professionalism and leadership. This is why they graduate and why they get hired. We reach beyond the classroom and educate the entire person."

The college is regularly ranked in the listings of outstanding colleges from other notable organizations, including The Wall Street Journal, The Princeton Review and U.S. News & World Report. Those rankings reference Mollov's freshman retention rate and graduation rate, both of which are among the highest in the country. Also of note, Molloy graduates' starting salaries have ranked among the highest in the U.S. in surveys conducted by Georgetown University, and Molloy's residence halls were recently ranked the best in New York State by niche.com. Additionally, collegefactual. com ranks Molloy as the No. 1 college to study health professions.

About Molloy

Molloy, one of the most affordable private colleges on Long Island, is an independent Catholic college located in Rockville Centre. The Sisters of Saint Dominic in Amityville, New York founded Molloy in 1955. The college provides its 4,900 undergraduate and graduate students with a variety of high-quality academic programs including the liberal arts, social and natural sciences, nursing, business, education, social

work, new media, speech therapy, music therapy, theatre arts, criminal justice and many more.

Molloy creates a challenging and nurturing environment for its students. In addition to its 50-plus academic programs, approximately 60 clubs and honor societies, a competitive honors program, various service and intern opportunities, and NCAA Division II athletics, there are abundant opportunities for each student not only to strive for academic excellence but also to explore new interests and enrich our community.

What's new

Molloy continues to evolve to meet the needs of its students, adding academic programs at the undergraduate, graduate and doctoral levels. In recent years, Molloy added three doctoral programs (in nursing and education) and new master's programs in clinical mental health counseling and speech-language pathology/audiology, as well as a new media major and a four-year degree in nuclear medicine technology. The college also offers flexible learning options for many of its programs, so that students can take night, weekend or online classes.

Molloy recently opened the new Barbara H. Hagan Center for Nursing, which houses the Molloy College School of Nursing and serves Molloy's nationally ranked nursing programs. This follows significant additions to the Molloy campus in recent years, including a new student center, which houses the Madison Theatre, and two new residence halls.

The college continues to find new ways to help its students grow, sending them out into the world with the knowledge and confidence that they can, indeed, make a difference.

Visit molloy.edu to learn more.



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What are you searching for?

Find it at Molloy College. Here, with hands-on, research-focused academic programs in biology, chemistry and environmental studies, you'll excel in and beyond the classroom. Learn from renowned professors in their field of study, and graduate ready for a marketable career in the sciences – from one of the best colleges on Long Island.





RANKED #1 VALUE ALL-STAR IN THE NATION.

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OPEN HOUSE: SUNDAY, NOVEMBER 13 AT 1 P.M.

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STEMCollege & Career Fair

ADVERTISING SUPPLEMENT

A degree from Lawrence Technological University boosts your earning potential

he Brookings Institution ranks Lawrence Technological University fifth among U.S. colleges and universities for boosting graduates' earning potential. Payscale. com reports that salaries of LTU bachelor's graduates are in the top 10% nationally. Some 88% of students are employed or have selected grad school by the date of their graduation, greater than the national average.

Innovative programs, small class sizes

LTU is a private, 4,500-student university that offers more than 100 innovative programs in its colleges of architecture and design, arts and sciences, engineering, and management — all featuring exceptional exposure to theory and practice.

As a student, you'll benefit from small class sizes, with classes, studios and labs taught by faculty with current industry experience. U.S. News & World Report and The Princeton Review rank Lawrence Tech among the nation's best universities.

Located in a dynamic suburb

The university is situated in Southfield, a dynamic suburb in Oakland County, Michigan. Hundreds of Fortune 500 and international companies are located nearby, and



the region has one of the largest concentrations of engineering, architecture and technological jobs in the world. Southeastern Michigan also offers a rich variety of recreational and cultural activities, with public transportation making most areas accessible to students.

Hundreds of major research, manufacturing, scientific and business enterprises are located nearby, aiding students who

work full or part-time while attending classes, as well as those in co-ops and internships, and participating in professional societies. The campus is close to major freeways and about a 30-minute drive north of downtown Detroit and Detroit Metro Airport.

Technology to help you succeed

Students use advanced facilities

including LTU's acclaimed Center for Innovative Materials Research; an environmental scanning microscope; architectural and design studios; a structural testing lab; a wind tunnel; wood, metal and model shops; a 4 x 4 chassis dynamometer; and labs for alternative energy, robotics, biomedical research, graphics and LTU's Taubman Engineering, Architecture and Life Sciences Complex that opened in 2016.

You'll also be provided your own highend laptop loaded with industry standard software — retailing on average over \$75,000 — a benefit you'll only get at LTU. For more information, visit www.ltu.edu/

Clubs and sports

More than 60 student clubs and organizations, including fraternities, sororities, honor societies and student chapters of professional groups, sponsor a variety of activities.

LTU features NAIA, ACHA, MCLA, NWLL and USBC varsity and junior varsity athletics in men's and women's basketball, soccer, lacrosse, bowling, ice hockey, golf, tennis, volleyball and cross country, as well as women's softball and men's baseball. You can also show your Blue Devil spirit as a member of the pep band or dance team. Learn more at www.LTUAthletics.com.

For more information about becoming a Blue Devil, contact Lawrence Tech's Office of Admissions at 1-800-225-5588 or admissions@ltu.edu; watch the "Student Stories" video at www.ltu.edu/Student Stories; or visit www.ltu.edu.

Ready to apply now? Go to www.ltu.edu/applyfree.



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STEMCollege & Career Fa

Prepare to shape the future at SJC Brooklyn

re you ready to shape the future? Students at SJC Brooklyn already are - in the heart of one of New York's most popular boroughs.

SJC Brooklyn's academically challenging environment and active campus community are surrounded by the culture and excitement of Manhattan, providing talented students like you with the skills and life experiences you need to help shape tomorrow, today,

Celebrating our centennial, we combine a long-standing tradition of valuecentered academic excellence with innovative programming. Students looking to pursue STEM careers have a choice of indemand programs ranging from biology, chemistry, computer information technology and mathematics to secondary education degrees in biology, chemistry and mathematics.

Classes are led by industry leading faculty members in an open, supportive atmosphere. They teach in small classes with an average student-to-faculty ratio of 9:1, so you'll get to know your professors - and they'll get to know you.

Opportunity to break new ground

Our STEM programs enable our talented students to make names for themselves while making a difference in the world.

For chemistry major Mayssa Gregorie, it started last summer in Japan when, as a



freshman, she earned her place in the exclusive Nakatani RIES Foundation Summer Fellowship, a 12-week research internship at Osaka University. Combining the best aspects of a traditional study abroad experience with intensive high-technology research internships, the program is based on an award-winning internal STEM program model.

SJC Brooklyn STEM students also find

opportunities closer to home. They have participated in the highly competitive Microsoft Data Science Summer Program, which is reserved for the brightest minds in mathematics and computer science in New York City. As part of this experience, students take all-day intensive classes with some of the best researchers in the country and gain in-depth insight on data collection, data cleaning and, most importantly,

Others gain hands-on experience through prestigious internships that have included the international media firm Thomson Reuters, MLB Advanced Media and Google.

STEM EMPOWERS Scholarship

SJC Brooklyn's STEM EMPOWERS Scholarship Program can give you the opportunity to join them - and share your love of science and math with future generations. Funded by a grant from the National Science Foundation under the Robert Noyce Scholarship Program, the program provides scholarships for SJC students majoring in mathematics, biology or chemistry who are committed to teaching one of these subjects in a K-12, high-needs school anywhere in the U.S.

Selected juniors, seniors and graduate students will receive mentoring, academic assistance, assistance with teaching placement and a minimum of \$10,000 for at least one year.

Prepare for a successful future,

Join SJC Brooklyn STEM students who are learning how to shape tomorrow, today. To find out how, attend one of our undergraduate information sessions on Nov. 12 at 10:30 a.m. or noon, RSVP now at signy.edu/ bkinfo or call (877) 283-6282.



Ready to shape the future?

Our students already are.

Whether it's earning a spot in the prestigious Microsoft Data Science Summer program or Nakatani Foundation Summer Fellowship, interning in analytics for Major League Baseball, Google or Reuters, or even starting a company based on a mobile app they created, SJC Brooklyn students hone the science, technology, engineering, art and mathematics skills they need to shape tomorrow right here, right now.

You can too. Attend our Undergraduate Information Session to find out how.

Undergraduate Information Session

Saturday, November 12 at 10:30 a.m. or noon

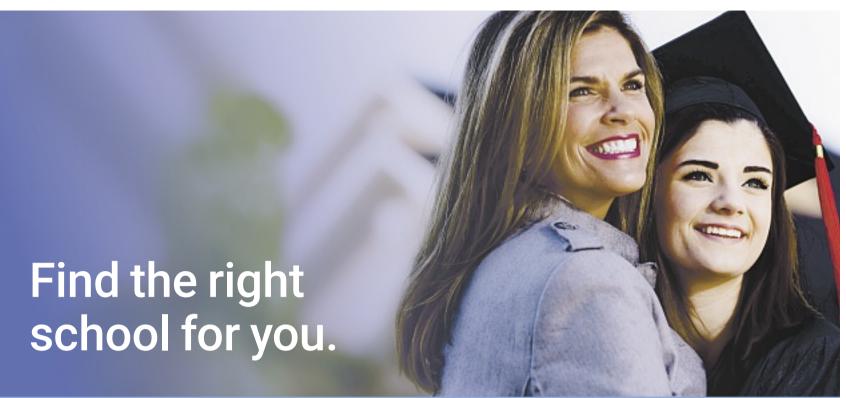
To RSVP, sjcny.edu/bkinfo



TRADITION. INNOVATION. **EXCELLENCE.**

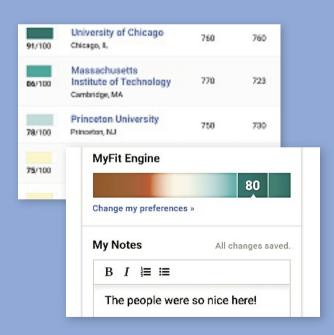
sjcny.edu

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U.S. News College Compass



See complete U.S. News rankings

Expanded data on nearly 1,800 schools

Easily compare, save and take notes of schools you're considering

Detailed financial aid information

See entering student SAT scores and GPAs

Plus, Get Free Access to the My Fit Engine

The My Fit Engine helps you create a customized ranking based on your personal preferences.

Buy today and save 25% off College Compass usnews.com/compassoffer

