



DESCA and FAME, Inc. present

CATALYZING CHANGE: FROM CURRICULUM TO CAREER

BUILDING A DIVERSE STEM TALENT PIPELINE



The Delaware Sustainable Chemistry Alliance and FAME, Inc. have partnered to present **Catalyzing Change: From Curriculum to Career**. This full day forum is designed to bring together students of all ages, educators, and industry to showcase the region's STEM opportunities and resources, and to discuss current and future talent and skills needs.



DELAWARE

**SUSTAINABLE CHEMISTRY
ALLIANCE**

Guiding Pioneers Through the Business of Chemistry & Biochemistry





A CLOSER LOOK

In 2016, there were roughly 3 million more STEM jobs than the number of skilled workers who could fill them. In 2017, direct STEM employment accounted for 69% of US GDP in 2017. By 2018, 80% of engineering and technology decision makers had significant concern about a talent gap in their industry. For each cybersecurity opening, there was a pool of only 2.3 employed workers from which to recruit (vs an average of 5.8 workers in the overall job market).^{*} If we are to ensure that we have the talent pool available to meet both current and future needs, we must work proactively to raise awareness and ensure that we equip students of all ages with the critical STEM skills necessary to participate fully in the STEM economy.

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STEMConnector State of STEM Data Series



STUDENTS

A forum for younger students to explore the many career possibilities available in the world of STEM and for older students and graduates to connect, learn about and network with the companies that are developing and producing the products of the future.



EDUCATORS

Learn more about the evolving talent and skills needs of today's companies, connect and exchange ideas with peers, and learn about new resources available to you and your students.



INDUSTRY

An opportunity for companies of all sizes to educate their future workforce about their industry, their company, their products, and their culture, as well as showcasing current and future internships and career opportunities.

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^{*}Source: STEMConnector State of STEM Data Series

FORUM ELEMENTS

INDUSTRY SHOWCASES & PRESENTATIONS

From STEM career options to industry micro— and macro—trends, innovation strategies, corporation culture and more.

PROFESSIONAL DEVELOPMENT WORKSHOPS

Geared to educators in the STEM and non-STEM fields as well as graduate and post graduate students.

ROUNDTABLE DISCUSSIONS

Harmonizing educational curricula with business needs; entrepreneurship and the commercialization of research innovations; corporate culture and preparing for a job in industry and more...

RESOURCE EXPO

Extracurricular and college resources; career resources; innovation and entrepreneurial resources.

