

Application for MIT & FIT AFFOA* Workshop in Advanced Functional Fabrics 2019

LINK <https://forms.gle/fRuQJyUakbPehxnt7>

Be part of the next generation of Advanced Fabrics discoveries. Join a two week expense-paid workshop that provides a unique educational experience for MIT undergraduates interested in the design and engineering of products made of fibers, yarns and textiles that a participant can readily apply to future challenges and professional pursuits. Students will spend one week in Cambridge (June 16th-23rd) and one week in New York City (NYC) (June 23rd-28th). This year we will be collaborating with New Balance as our industry partner to discover solutions in the sports industry.

In addition to the opportunity to collaborate on specific projects with design students from the Fashion Institute of Technology (FIT), the workshop includes a mentor presentation, tours of relevant facilities in Cambridge/NYC, and the opportunity to become familiar with specialized equipment at AFFOA* HQ and on the respective MIT and FIT campuses, in support of project research. The project itself will enable students to learn about and use novel textile manufacturing methods including Stoll knitting, body software and 3D printing. Furthermore, students will learn how to use these technologies to make diverse aesthetic and functional products and how these products can be enhanced by using non-traditional materials such as bio-engineered or electrically conductive yarns to make functional garments. Finally, by bringing together MIT and FIT students, participants will experience working in multi-disciplinary teams to prototype and develop new products.

Limited to 6 students each from MIT and FIT. The application deadline is April 17th, 2019.

*Advanced Functional Fabrics of America (AFFOA) is a Manufacturing Innovation Institute within the Manufacturing USA network. Its headquarters are located in Cambridge, MA.

Interested MIT students should apply here and email Dr. Yuly Fuentes at yfuentes@mit.edu with "MIT-FIT Workshop" in the subject line for any questions

Please provide the following information:

1. Name (First, Last Name)
2. MIT email
3. MIT Degree Program
4. Anticipated year of graduation
5. An essay (up to 100 words) as to why you believe you are a good fit for this program.
6. Please include any experience you may have had with relevant technologies to complete this workshop.
7. Mobile phone number (no dashes)
8. Indicate postal address as of June 1, 2019
9. Indicate whether or not you will require accommodation on campus or in Cambridge during the MIT portion of the workshop.
10. Please indicate if you are older than 18 years of years by June 2019
11. How did you hear about this workshop?