

NSBE DC IMPACT Program Workshop List

(Updated 1/17/20)

1. The Art of Leadership: Strategies for Chapter Empowerment

This workshop is dedicated to leadership skill building, centering on community engagement, conflict resolution, and successful goal execution through strategic thinking. This interactive workshop highlights common issues that may happen during a young adult's career pursuits how to resolve them. At some point in their life, some leaders may be struggling to accomplish personal or professional goals, or some of those who have had success may have a waning feeling of motivation. The aim is to revive the passion to be game changers in our community and to the mission that we serve, in addition to introducing different platforms where attendees can tailor their own strengths to produce a higher impact. This workshop also encompasses a small component that focuses on NSBE leadership, and help members learn how they can take ownership of the long term trajectory of the organization.

2. How to Patent a Software App

Software apps are everywhere. Most new engineers know how to code and software apps are being developed to perform many different tasks. However, because apps are easy to create, many coders are uploading their apps to iOS and Android before properly protecting the Intellectual Property of their ideas. Therefore, anyone can come along and copy various aspects of the apps for their own gain. This workshop will teach Engineers and Coders how to protect their Software Apps using Intellectual Property Law.

3. Intellectual Property Law for Engineers and Scientists

The workshop will introduce basic concepts of Intellectual Property (IP) Law and demonstrate different types of IP that have been obtained by Engineers and engineering companies. All the major tech companies in the world base their technology and revenue on their innovation and inventions. These ideas are made by their Engineers. Most engineers learn about protecting their ideas only once they have started working. This workshop aims to reverse the trend and empower Engineering and Science students to learn about Patents, Trademarks, Copyrights and other forms of protecting their ideas.

4. Can Autonomous Vehicles Be Equitable and Inclusive?

Automated vehicles (AVs) are coming and have the potential to reshape our transportation system, which has historically underserved many populations. The introduction of AVs into the transportation network could ameliorate some transportation conditions while exacerbating others. This talk stems from research conducted and published in a report from the Union of Concerned Scientists on the potential social impacts of AVs. The analysis provides important insights on how to leverage AV technology—along with vehicle electrification, pooled rides, and high-quality mass transit—to achieve a more efficient, equitable, and clean transportation system.

5. Get Out: how to avoid getting trapped in Imposter Syndrome

We have all been there...."Just fake it 'til you make it". Often an effective approach, yet one which can leave a creeping doubt of our own successes. Are they fruits of our own abilities and effort or simply the luck of the draw? According to the Journal of Behavioral Science, ~70% of individuals suffer from what is commonly called the "imposter syndrome", a psychological pattern in which an individual doubts their accomplishments and internalizes a fear of being exposed as a "fraud". In both academia and industry, imposter syndrome can lead to anxiety and depression from pressures to be perfect and constantly improve. During this discussion, we hope to define the common types of imposter syndrome, identify common signals of when we are suffering from it, and discuss effective strategies to manage and overcome this psychological occurrence.

6. Who's Got Your Back: Developing Professional Mentor Relationships

Having a network of people you can reach out to is important. But ensuring that you have the right people whose experiences and wisdom can guide you on your path to success is even more important. Mentors can not only help to take your career to the next level, but are also helpful when it comes to navigating difficult decisions. Finding the right mentor who is authentic and fits your needs and goals can sometimes be challenging. But how do we know if someone is the right mentor for us and where do we find them? How do we develop and sustain these mentor relationships? During this workshop, we will discuss the role mentors play in your professional journey and how you can use the relationship with mentors and sponsors to help develop your personal brand.

7. Navigating Through Graduate School

The webinar will cover strategies to help you successfully navigate graduate school and manage bumps along the way.

8. So You Don't Have An Internship?

The goal of this event is to show college students what they can do over the summer in spite of not having a job in their field of interest.

9. Forex Informational

This will be an informational session on trading the foreign exchange market and becoming a part of Tradehouse Investment Group.

10. The PhD Roller Coaster Ride

Graduate school, in particular pursuing a PhD, can be a daunting experience. It's a serious endeavor that will span several years of your life with many unknowns. The experience can take you to great heights of successfully defending, low points of missing the mark academically, and also twists and turns that can throw your plans off track. This seminar will describe the many ways on how getting a PhD is like a roller coaster ride and how to prepare for it! The seminar will be led by engineering PhD graduates who will share their experiences of getting a PhD and how they made it through.

11. Science Communication 201

The communication of science & technology, particularly between researchers and the public, engineers and business owners, and scientists and the federal government, is a skillset that individuals at all levels of STEM can master. Attend this workshop to gain insight to tools and techniques developed to close the gaps between innovation and reality.

12. Resume Building

This Workshop is tailored towards collegiate students to elevate their resumes for securing an interview. We will discuss ways on making your Elevator Pitch stand out when talking to recruiters and sell yourself.

13. Developing a Strong Social Media Presence for Success

A discussion with the NSBE Professionals about the importance of maintaining a good social media presence and how it could impact your future.

14. More Than Meets The Eye: A Professional's Toolkit for Success

This workshop will present easily accessible tools available to students and professionals that will help them seamlessly take their personal and academic brand to the next level. Additionally, the audience will learn about the tools to help with time management and assert themselves as their best representative.

15. Introduction to Data Science

A crash course into all things data science for beginners.

16. Dos and Don'ts of National Convention

What you should and shouldn't do at National Convention.

17. Launching your Career after College

This workshop will provide guidance on presenting your best-self to potential employers through the resume and social media and successfully completing the interview making you the top candidate every organization will want. The speaker provides tips and guidance on how to improve your LinkedIn profile and your resume, ace the job interview and how to negotiate your offer. During the workshop participants will create or update their LinkedIn profile.