The Science and Engineering Division of the National Federation of the Blind and the National Association of Blind Students are presenting a joint Zoom conference on how blind college and graduate students, and blind professionals, are succeeding in courses and Careers to do with science, technology, engineering, and mathematics. The Zoom conference link will be the standard NABS Zoom link shown at the bottom of this message. The call will occur at 9 PM EST through 10 PM EST on Sunday, February 28, 2021.

Topics will be of interest for blind students in middle school, high school, college and graduate school and professionals. Parents of blind school-aged children and educators are also welcome.

Currently, the scheduled speakers, topics, and talk descriptions are:

**Speaker: Neil Soiffer**

**Title: Methods for The Blind to Electronically Read and Write Mathematics from Primary School**

**Through College**

**Description: There has been great progress in reading and writing accessible mathematics in the last decade, and this talk will cover the state of the art.**

**Speaker: Gene Kim**

**Title: Where Humanities, Social Science, And Engineering Collide: Perspectives on The Value of Interdisciplinary Study and Research**

**Description: Gene will share his experiences as an interdisciplinary Symbolic Systems student and an undergraduate researcher at Stanford Shape Lab, which**

**has undertaken many blindness accessibility research projects in the Human Computer/Machine Interaction space. He will also share resources and tools he**

**has found useful in studying Computer Science, Mathematics, and Engineering.**

**Speaker: Newton Nguyen**

**Title: Trial and Error: Towards Faster Methods of Learning STEM Skills as a Blind Student**

**Description: The growing inter-disciplinary nature of science education and practice, alongside rapid technological advances, has forced science students and professionals to learn new skills at an increasingly  rapid rate. However, a lack of centralized resources, coupled with a longer training period to learn new technical skills, threatens to leave blind students behind. In this talk, I will briefly share some new initiatives and possible pathways to ease the acquisition**

**of technical skills, in addition to sharing my own personal experiences as a student and researcher.**

**Speaker: Emily Schlenker**

**Title: Muscle memory and the microbiology lab: how being totally blind did not hinder me from learning the various techniques and aseptic procedures in what has**

**always been portrayed as a very visual discipline.**

**Description: As a biology major, one of the requirements was to complete a general microbiology lab. I was able to do this with a few basic modifications and a whole**

**lot of practicing and though I spent a lot of time feeling awkward and uncomfortable, what people do not tell you is that almost all students who are faced**

**with these new techniques feel the same way and are experiencing difficulties.**

If you have any questions, please contact Louis Maher (713-444-7838, ljmaher03@outlook.com).

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Join Zoom Meeting:

February 28, 2021, 9 PM EST

https://zoom.us/j/4678833687#success

Meeting ID: 467 883 3687

One Tap Mobile:

+16468769923,,4678833687#