

# BSCES

Boston Society of Civil Engineers Section  
American Society of Civil Engineers



## Designing for Tornadoes: A Paradigm Shift

## 104<sup>th</sup> BSCES Student Night

**Dr. Long T. Phan, PhD, PE, F.ACI**

*Acting Director, Disaster and Failure Studies  
Program, National Institute of Standards and  
Technology*



**Wednesday, April 6, 2016**

**Tufts University**

**Alumnae Hall, 40 Talbot Avenue, Medford, MA 02155**

**5:30 PM Social/Registration; 6:30 PM Dinner;**

**7:30 PM Presentation**

Dr. Phan is the Manager of the Structural Performance under Multi-Hazards Program and the Acting Director of the Disaster and Failure Studies at the National Institute of Standards and Technology (NIST). At NIST, Dr. Phan has conducted research on a wide range of topics, including investigations of damage to the built environment caused by natural or man-made disasters. He has conducted numerous tornado investigations, such as those in Jarrel, Texas (1997); Orlando, Florida (1998); Alabama (1998); Spencer, South Dakota (1998); Joplin, Missouri (2011); and Newcastle-Moore, Oklahoma (2013). Dr. Phan will discuss the lessons learned from these investigations, the key recommendations made in the studies, and how the design methodology for tornado events has changed and evolved.

**Registration Deadline: Friday, April 1, 2016**

**\$20 Students; \$25 Senior Members (65+)**

**\$45 BSCES Members, \$50 Non-Members**

**\$40 Public Sector Members; \$45 Public Sector Non-Members**

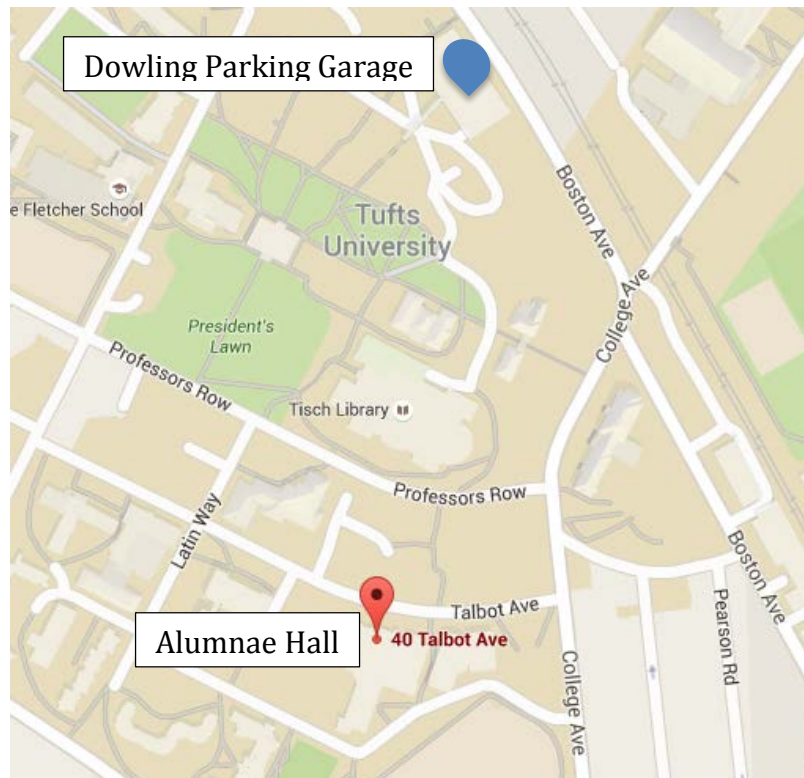
### **Information/Registration:**

Register to attend this meeting and pay by credit card online at <http://bit.ly/BSCESStudentNight2016>. To register online for an event at the BSCES member rate you must login using your BSCES assigned username and password. If you do not know your BSCES member login information call 617/227-5551. You can also register for this event by mail or email. To do so, download and complete a [BSCES Event Registration Form](#) and follow the submission instructions. Cancellations received after April 1, 2016 and no-shows will be billed.



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Alumnae Hall (marked in red) is located on Talbot Ave. Parking is available for \$8 at the Dowling Parking Garage, 419 Boston Avenue, Medford (marked in blue) or along Boston Avenue as available.

Public Transit: The nearest T stop is Davis Square (red line) with bus service (94, 96) to the intersection of Talbot and College Ave. Alumnae Hall is a 15 minute walk from Davis Square.

**Sponsored by the BSCES Student Affairs Committee,  
Tufts University ASCE Student Chapter, and  
Simpson Gumpertz & Heger Inc.**



**Student Chapters Committee**



Engineering of Structures  
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