

# SEARCHING FOR CERTAINTY: WORDS, IMAGES, LOCATION

TUFTS UNIVERSITY  
Norbert Wiener Lectures

## PROFESSOR DIANNE PROST O'LEARY

Computer science, Applied Mathematics and Scientific Computing Program,  
Institute for Advanced Computer Studies (UMIACS), University of Maryland

### MATHEMATICS IN WORDS AND IMAGES The role math plays in searching the web and in restoring blurred images

Wednesday, March 30

5:45 – 6:45 p.m.  
Pearson Chemistry Building, Room 106  
4:45 p.m. Reception  
Aidekman Arts Center, Remis Court

### RESEARCH SEMINAR UNCERTAINTY QUANTIFICATION FOR ILL-POSED PROBLEMS

Thursday, March 31

4:30 – 5:30 p.m.  
Barnum Hall, Room 104  
Reception follows in Aidekman Arts  
Center, Remis Court

### UNDERGRADUATE SEMINAR WHERE AM I? Position from incomplete distance information, from Gauss's geodesy problems to protein structures

Friday, April 1

4:30 – 5:30 p.m.  
Pearson Chemistry Building, Room 104  
Reception follows in the Sophia Gordon  
Lounge

All lectures are free and open to the public.

**Tufts**  
UNIVERSITY

The Norbert Wiener Lectures are funded by  
an anonymous gift to the Department of  
Mathematics. Please visit us at  
<http://math.tufts.edu>. All events are taking  
place on Tufts' Medford/Somerville campus.

