

**TEMPLE UNIVERSITY**  
Department of Mathematics

# **Applied Mathematics and Scientific Computing Seminar**

Room 617 Wachman Hall

Wednesday, 1 April 2015, 4:00-5:00 p.m.

## **Mathematical Modeling of Cyanobacterial Mat**

by Fadoua El Moustaid

Temple University, Department of Mathematics

## **Discrete 3D Model of Molecular Diffusion Through the Nuclear Pore Complex**

by Star-Lena Quintana

Temple University, Department of Mathematics

## **Macroscopic Coupling Conditions with Partial Blocking for Highway Ramps**

by Julia Somers

Temple University, Department of Mathematics