

University of California, Davis  
Physics Department  
Condensed Matter



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**UC Irvine**

**“The Transportation System Inside a Living Cell”**

A living cell has an infrastructure much like that of a city. We will describe the transportation system that consists of roads (filaments) and molecular motors (proteins) that haul cargo along these roads. We will give an example showing how pigment cells regulate this transport.

**Thursday, May 25, 2006**  
4:10pm, Room 416 Phy/Geo