

# Colloquium Notice

## Miriam Rafailovich

**Stony Brook**

*Engineering substrates for adult stem cell differentiation*

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In contrast to embryonic stem cells, adult stem cells are subject to differentially small changes in the mechanical, morphological, and chemical cues. The nature of the response may provide us with a better understanding of the role of stem cells in tissue regeneration, wound healing, and aging. Here we discuss how new materials can be engineered where each of these factors can be varied independently such that their influence on stem cell response can be assessed both individually and collectively.  
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*Notes: CANCELLED*

Monday

**March 24, 2014**

Starts at 12:15 PM

Coffee at 12:00 PM

Physics Conference Room, SB B326