

UNIVERSITY OF NOTRE DAME  
DEPARTMENT OF PHYSICS

# NUCLEAR SEMINAR

Monday, November 13

## *Science and Technology on a Mission*

Dr. Jennifer Ressler  
Lawrence Livermore National Laboratory

Weapons research at Lawrence Livermore National Laboratory (LLNL) covers a broad range of activities. An introduction to two major areas, Stockpile Stewardship and Nuclear Threat Reduction, will be discussed. Stockpile Stewardship ensures confidence in the U.S. nuclear arsenal without weapons testing through annual assessments and life extension programs. Nuclear Threat Reduction provides threat and risk assessments, materials detection capabilities, and emergency response support. Both areas require a strong science foundation for reliable predictions and accurate assessments.

**4 pm – 5 pm**  
**Nuclear Science**  
**Laboratory**  
**124 Nieuwland**  
**Science Hall**

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All interested  
persons are  
cordially invited  
to attend

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Refreshments will be  
served prior to the  
seminar in room 124