



**Doctor of Physical Therapy Division
Department of Community and Family Medicine
Research Seminar Series**

Date: October 15, 2009
Time: 5:00 PM
Location: Erwin Square, Wing A – Room 110 (DPT First Floor Classroom)

Title: Does improving physical fitness at any age reduces negative health effects associated with environmental air toxins?

Speakers: Amy Pastva, PT, PhD
Medical Instructor, Division of Physical
Therapy & Assistant Professor, Department of
Cell Biology, Duke University Health Systems



Kathleen Stewart, PT, DPT
Physical Therapist, Department of Physical
Therapy and Occupational Therapy, Duke
University Medical Center



Objectives:

1. Define environmental air toxins and discuss the correlation to inflammatory lung diseases/infections.
 2. Define and discuss the concept of immunosenescence.
 3. Discuss whether physical fitness and aging has the potential to alter susceptibility to environmentally-influenced lung diseases.
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