We are looking for YOU!

Have you *ever* smoked?
Have you *never* smoked?
Do you have *Chronic Obstructive Pulmonary Disease*?

Inviting you to participate in a research study to determine Apoptosis and Defective Repair in COPD

Principal Investigator: R. William Vandivier, MD

**What you will do:**

- EKG
- Pulmonary function test
- 6-minute walk
- Salt water nebulizer
- Blood draws (several tubes)
- Questionnaires

**Two-hour appointment (National Jewish)**

For more information, contact: Linda Gunnison, Professional Research Assistant 720-848-0796

**Inclusion Criteria:**

- COPD Subjects - smoking history >20yrs and not smoked for 3 mos.
- Smokers - currently smoke and have a smoking history of >20yrs
- Non-Smokers - never smoked or not smoked for 15yrs
  - Must be between the age of 45-90
Exclusion Criteria:
- Asthma or co-morbid lung disease
- Current use of STATIN medication
  - HIV/AIDS
  - Auto-Immune Diseases
  - Hepatitis B or C
  - Active alcoholism
- Not between the ages of 45-90

COMIRB Research Study: 07-0920, Approved 4/19/11