

## ARIC MANUSCRIPT PROPOSAL FORM

Manuscript #156

1. Title (length 26):

Fish & Lung Function

2. Writing Group (list individual with lead responsibility first):

|               |          |         |
|---------------|----------|---------|
| (lead) Shahar | Folsom   | Melnick |
| Tockman       | Comstock | Gennaro |
| Higgins       | Sorlie   | Szklo   |

3. Timeline:

Analysis - 1991; Draft - Spring 1992

4. Rationale:

Omega-3 polyunsaturated fatty acids from fish are known to interfere with inflammatory response and may be of benefit in chronic inflammatory conditions. Cigarette smoking triggers lung inflammation.

5. Main Hypothesis:

Omega-3 fatty acid intake and fish consumption are inversely related to chronic obstructive lung disease and lung function in smokers.

6. Data (variables, time window, source, inclusions/exclusions):

Visit 1 data:

Independent variables: dietary omega-3 fatty acids (NUTRA70--NUTRA72);

Fish intake (DTIA34--DTIA37).

Dependent variables: Lung function measurements (PFTA24, PPTA26, PFTA31; Respiratory symptoms questionnaire (RPAA01--RPAA34)