Dear EOPH members,

Welcome to the February issue of the EOPH newsletter. We love to highlight the recent publications of our membership, and help to celebrate our members’ achievements. We are especially interested in highlighting the best work of trainees and junior faculty members.

We welcome any input into what else you would like to see in the newsletter. Please contact us at kbailey@unmc.edu or craig.glazer@utsouthwestern.edu with any noteworthy publications, achievements, or suggestions for future issues.

Sincerely,

Your web committee co-chairs,

Kristina Bailey and Craig Glazer
Recent publications

This section highlights some of our members’ best work in the month of January. These are the best articles from our assembly that became available as “epubs ahead of print” in January. It is possible that our search may miss your best work, so please send your recent publications to: kbailey@unmc.edu.

Interstitial lung disease

CT Phenotypes of Pulmonary Fibrosis in the MUC5B Promoter Site Polymorphism.

Transitions to different patterns of interstitial lung disease in scleroderma with and without treatment.

COPD

Exome Array Analysis Identifies A Common Variant in IL27 Associated with Chronic Obstructive Pulmonary Disease.

Age-Related Differences in Health-Related Quality of Life in COPD: An Analysis of the COPDGene and SPIROMICS Cohorts.

The effect of an oral anti-oxidant, N-Acetyl-cysteine, on inflammatory and oxidative markers in pulmonary sarcoidosis.

Association Between Functional Small Airways Disease and FEV1 Decline in COPD.
Plasma Fibrinogen Qualification as a Drug Development Tool in COPD: Perspective of the COPD Biomarker Qualification Consortium.

Exome Sequencing Analysis in Severe, Early-Onset Chronic Obstructive Pulmonary Disease.

The Role of Lobe Selection on FEV1 Response in Endobronchial Valve Therapy.

Dietary factors in lung disease

Dietary anthocyanin intake and age-related decline in lung function: longitudinal findings from the VA Normative Aging Study.

The Relationship between Dietary Fiber Intake and Lung Function in NHANES.

Lung VITAL: Rationale, design, and baseline characteristics of an ancillary study evaluating the effects of vitamin D and/or marine omega-3 fatty acid supplements on acute exacerbations of chronic respiratory disease, asthma control, pneumonia and lung function in adults.

Effect of Broccoli Sprouts and Live Attenuated Influenza Virus on Peripheral Blood Natural Killer Cells: A Randomized, Double-Blind Study.
Particulate Matter

**Long-Term Coarse Particulate Matter Exposure and Heart Rate Variability in the Multi-Ethnic Study of Atherosclerosis (MESA).**

**Household concentrations and personal exposure of PM$_{2.5}$ among urban residents using different cooking fuels.**

**Acute increase in blood pressure during inhalation of coarse particulate matter air pollution from an urban location.**

**Fine particles, genetic pathways, and markers of inflammation and endothelial dysfunction: Analysis on particulate species and sources.**

Air Pollution

**Traffic-related air pollution and alveolar nitric oxide in southern California children.**

**The Clean Power Plan: A Public Health Victory Needing Medical Attention.**

**Air Pollution and Lung Function in Minority Youth with Asthma in the GALA II & SAGE II Studies.**

**Ozone Exposure Increases Circulating Stress Hormones and Lipid Metabolites in Humans.**

**Acute Ozone-Induced Pulmonary and Systemic Metabolic Effects are Diminished in Adrenalectomized Rats.**
Agriculture

Organophosphorus pesticide exposure and neurobehavioral performance in Latino children living in an orchard community.
Butler-Dawson J, Galvin K, Thorne PS, Rohlman DS.

Implementing a National Tractor Safety Program: Using "Whole System in a Room" to Mobilize Partners and Implement Solutions.
Tinc PJ, Ayers P, May JJ, Purschwitz MA, Park S, Bayes B, Sorensen J.

Occupational agriculture organic dust exposure and its relationship to asthma and airway inflammation in adults.

Pulmonary health effects of agriculture.

Occupational Medicine


Multimedia exposures to arsenic and lead for children near an inactive mine tailings and smelter site.

MMP-9-Dependent Serum-Borne Bioactivity Caused by Multi-walled Carbon Nanotube Exposure Induces Vascular Dysfunction Via the CD36 Scavenger Receptor.

Predicting Future Protection of Respirator Users: Statistical Approaches and Practical Implications.

Classification of neck/shoulder pain in epidemiological research: a comparison of personal and occupational characteristics, disability and prognosis among 12,195 workers from 18 countries.

**Lung disease and coal mining: what pulmonologists need to know.**
Go LH, Krefft SD, Cohen RA, Rose CS.

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**Asthma**

*In utero exposure to pets is associated with asthma and wheezing in Mexican American children.*

*Exploring racial differences in IgE-mediated food allergy in the WHEALS birth cohort.*

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**Smoking**

*Recent marijuana use and associations with exhaled nitric oxide and pulmonary function in US adults.*

*The Case for Requiring Graphic Warning Labels on Smokeless Tobacco Product Packages.*

*One Hundred Years in the Making: The Global Tobacco Epidemic.*

*HDAC3 mediates smoking-induced pancreatic cancer.*

*Reduced lung function in smokers in a lung cancer screening cohort with asbestos exposure and pleural plaques.*

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**Fracking**

*A systematic evaluation of chemicals in hydraulic-fracturing fluids and wastewater for reproductive and developmental toxicity.*
Hypersensitivity pneumonitis


Things worth celebrating

Unfortunately, no one sent us any information about their many accomplishments this month. Please send your “things worth celebrating” to kbailey@unmc.edu.

Send us your interesting cases

The web committee is currently soliciting interesting pulmonary cases with an EOPH focus. These cases will be posted on the website and highlighted in this newsletter. They will be peer reviewed prior to acceptance, so this is a good opportunity for your trainees. kbailey@unmc.edu or craig.glazer@utsouthwestern.edu. For an example, please see the January 2016 issue.