

THE ASSEMBLY ON

Environmental, Occupational, and Population Health

NEWSLETTER



We help the world breathe®
PULMONARY • CRITICAL CARE • SLEEP

Volume 5 | Issue 11
December 2019

EOPH WEB EDITORIAL COMMITTEE

Tara M. Nordgren, PhD

EOPH Web Director

tara.nordgren@medsch.ucr.edu

Anna Nolan

Co-chair

anna.nolan@nyulangone.org

Christopher Rider, PhD

Member

c.rider@ubc.ca

Nuria Camina Garcia, PhD

Member

nuria.camina@kcl.ac.uk

Sophia Kwon, DO, MPH

Member

sophia.kwon@nyulangone.org



ASSEMBLY CONTACT

Website:

<http://www.thoracic.org/go/eoph/>

Email: eoph@thoracic.org

TID SECTION WEB EDITORIAL COMMITTEE

Satya Achanta, DVM, PhD, DABT

TID Web Director

satya.achanta@duke.edu



Dear EOPH Members,

We hope you are enjoying the Holiday Season! In this December issue of the EOPH Newsletter, we include some of our members' recent "epub ahead of print" articles from the month of November. If you have a recent publication that you would like to share in the upcoming newsletter, please send the citation or link to tara.nordgren@medsch.ucr.edu.

In addition, be sure to check out our "In The News" section at the end of the Newsletter to learn more about the outreach and advocacy our EOPH members have been involved in recently.

Are you interested in getting more involved with ATS and the EOPH assembly? Register [HERE](#) to indicate your interest!

Sincerely,

Your EOPH and TID Web Editorial Committees





Recent Publications

This section highlights some of our assembly members' exciting research that was recently "e-published" or were submitted for inclusion in this newsletter. It is possible that our search may miss your best work, so please send your recent publications to tara.nordgren@medsch.ucr.edu.

Air Pollution and Environmental Exposures

[Effects of inhaled air pollution on markers of integrity, inflammation, and microbiota profiles of the intestines in Apolipoprotein E knockout mice.](#)

Fitch MN, Phillippi D, Zhang Y, Lucero J, Pandey RS, Liu J, Brower J, Allen MS, Campen MJ, McDonald JD, Lund AK.

Environ Res. 2019 Nov 14:108913. doi: 10.1016/j.envres.2019.108913. [Epub ahead of print]

PMID:31753468

[Changes in the hospitalization and ED visit rates for respiratory diseases associated with source-specific PM_{2.5} in New York State from 2005 to 2016.](#)

Hopke PK, Croft DP, Zhang W, Lin S, Masiol M, Squizzato S, Thurston SW, van Wijngaarden E, Utell MJ, Rich DQ.

Environ Res. 2019 Nov 11:108912. doi: 10.1016/j.envres.2019.108912. [Epub ahead of print]

PMID:31753467

[Lack of an Exposure Response and Interaction with HLA-DPβ1 and DRβ1 Polymorphisms in the Development of Beryllium Toxicity in a High Beryllium Exposure Cohort.](#)

Widyaningsih V, Rosenman K, Reilly MJ, Wang L, Pathak DR, Gardiner JC, Rice C, Monos D, Rossman M.

J Occup Environ Med. 2019 Nov 15. doi: 10.1097/JOM.0000000000001766. [Epub ahead of print]

PMID:31743304

[Influx, Persistence, and Recall of Eosinophils and GATA-3+ Innate Lymphoid Cells in the Nasal Mucosa of Mice Exposed and Reexposed to the Gaseous Air Pollutant Ozone.](#)

Harkema JR, Eldridge EA, Lewandowski RP, Wagner JG.

Toxicol Pathol. 2019 Nov 15:192623319882768. doi: 10.1177/0192623319882768. [Epub ahead of print]

PMID:31729279

[Associations of annual ambient PM_{2.5} components with DNAm PhenoAge acceleration in elderly men: The Normative Aging Study.](#)

Wang C, Koutrakis P, Gao X, Baccarelli A, Schwartz J.

Environ Pollut. 2019 Nov 29:113690. doi: 10.1016/j.envpol.2019.113690. [Epub ahead of print]

PMID:31818625

[The Associations between Source-Specific Particulate Matter and Respiratory Infections in New York State Adults.](#)

Croft DP, Zhang W, Lin S, Thurston SW, Hopke PK, van Wijngaarden E, Squizzato S, Masiol M, Utell MJ, Rich DQ.



Environ Sci Technol. 2019 Nov 22. doi: 10.1021/acs.est.9b04295. [Epub ahead of print]

PMID:31755707

[Fluoride exposure and sleep patterns among older adolescents in the United States: a cross-sectional study of NHANES 2015-2016.](#)

Malin AJ, Bose S, Busgang SA, Gennings C, Thorpy M, Wright RO, Wright RJ, Arora M.

Environ Health. 2019 Dec 9;18(1):106. doi: 10.1186/s12940-019-0546-7.

PMID:31818308

Research Methods, Therapeutics, and Clinical Strategies

[Nasal Nitric Oxide Measurement in Primary Ciliary Dyskinesia: A Technical Paper on Standardized Testing Protocols.](#)

Shapiro AJ, Dell SD, Gaston B, O'Connor M, Marozkina N, Manion M, Hazucha MJ, Leigh MW.

Ann Am Thorac Soc. 2019 Nov 26. doi: 10.1513/AnnalsATS.201904-347OT. [Epub ahead of print]

PMID:31770003

[A flexible and nearly optimal sequential testing approach to randomized testing: QUICK-STOP.](#)

Hecker J, Ruczinski I, Cho MH, Silverman EK, Coull B, Lange C.

Genet Epidemiol. 2019 Nov 11. doi: 10.1002/gepi.22268. [Epub ahead of print]

PMID:31713269

[Efficacy of Precise Foot Massage Therapy on Pain and Anxiety Following Cardiac Surgery: Pilot Study.](#)

Alameri R, Dean G, Castner J, Volpe E, Elghoneimy Y, Jungquist C.

Pain Manag Nurs. 2019 Nov 13. pii: S1524-9042(18)30222-4. doi: 10.1016/j.pmn.2019.09.005. [Epub ahead of print]

PMID:31734151

[Transfusion of Uncrossmatched Group O Erythrocyte-containing Products Does Not Interfere with Most ABO Typings.](#)

Yazer MH, Spinella PC, Doyle L, Kaufman RM, Dunn R, Hess JR, Filho LA, Fontaine M, Gathof B, Jackson B, Murphy MF, Pasion J, Raval JS, Rosinski K, Seheult J, Shih AW, Sperry J, Staves J, Tuott EE, Ziman A, Triulzi DJ, McKenna D, Stroncek D, Fung M, Tinmouth A, Devine D, Cardigan R, Vassallo R, Germain M, Reems J, Garritsen H, Takanashi M, Stanworth S, Delaney M, Cancelas J, Meer PV, Marks D, Cohn C, Shaz B, Tiberghien P, Goldman M, Girdlestone J, Pati S, Schäfer R, Schwartz JY, Dunbar N, Pagano M, So-Osman C, Noorman F, Apelseth TO, Kanas T, Stolla M, Angelantonio ED, Hurk KVD, Steele WR, Erikstrup C, Merz EM; Biomedical Excellence for Safer Transfusion Collaborative; Appendix. Members of the Biomedical Excellence for Safer Transfusion Collaborative.

Anesthesiology. 2019 Nov 25. doi: 10.1097/ALN.0000000000003069. [Epub ahead of print]

PMID:31789634

[Thrombectomy in DAWN- and DEFUSE-3-Ineligible Patients: A Subgroup Analysis From the BEST Prospective Cohort Study.](#)



Siegler JE, Messé SR, Sucharew H, Kasner SE, Mehta T, Arora N, Starosciak AK, De Los Rios La Rosa F, Barnhill NR, Mistry AM, Patel K, Assad S, Tarboosh A, Dakay K, Salwi S, Wagner J, Bennett A, Jagadeesan BD, Streib C, Weber SA, Chitale R, Volpi JJ, Mayer SA, Yaghi S, Jayaraman M, Khatri P, Mistry EA.

Neurosurgery. 2019 Nov 23. pii: nyz485. doi: 10.1093/neuros/nyz485. [Epub ahead of print]

PMID:31758197

[Treatment of pediatric extra-axial sinogenic infection: case series and literature review.](#)

Behbahani M, Burokas L, Rosinski CL, Rosenberg DM, Chaudhry NS, Sherman JM, Nikas DC.

Childs Nerv Syst. 2019 Nov 26. doi: 10.1007/s00381-019-04378-8. [Epub ahead of print]

PMID:31773238

Policy and Institutional Factors Impacting Health

[Threats to Science Advising at the Environmental Protection Agency.](#)

Rice MB, Burke TA, Swackhamer DL, Samet JM.

Ann Am Thorac Soc. 2019 Nov 4. doi: 10.1513/AnnalsATS.201909-724PS. [Epub ahead of print] No abstract available.

PMID:31682475

[The Effect of Large-scale Health Coverage Expansions in Wealthy Nations on Society-Wide Healthcare Utilization.](#)

Gaffney A, Woolhandler S, Himmelstein D.

J Gen Intern Med. 2019 Nov 19. doi: 10.1007/s11606-019-05529-y. [Epub ahead of print] Review.

PMID:31745857

[Association of for-profit hospital ownership status with intracranial hemorrhage outcomes and cost of care.](#)

Chiu RG, Murphy BE, Rosenberg DM, Zhu AQ, Mehta AI.

J Neurosurg. 2019 Nov 29:1-9. doi: 10.3171/2019.9.JNS191847. [Epub ahead of print]

PMID:31783363

Asthma and Allergy

[The Dynamic Relationship between Asthma and Obesity in School Children.](#)

Zhang Y, Chen Z, Berhane K, Urman R, Chatzi VL, Breton C, Gilliland FD.

Am J Epidemiol. 2019 Nov 12. pii: kwz257. doi: 10.1093/aje/kwz257. [Epub ahead of print]

PMID:31712801

[The Burden of Work-Related Asthma in Michigan, 1988-2018.](#)

Reilly MJ, Wang L, Rosenman KD.

Ann Am Thorac Soc. 2019 Nov 4. doi: 10.1513/AnnalsATS.201905-401OC. [Epub ahead of print]

PMID:31682471



[Participant-level characteristics differ by recruitment setting when evaluating a behavioral intervention targeting adolescents with asthma.](#)

Joseph CLM, Mahajan P, Buzzelli-Stokes S, Jacobsen G, Johnson DA, Duffy E, Williams R, Havstad S, Zoratti E, Ownby DR, Johnson CC, Lu M.

J Asthma. 2019 Nov 22;1-8. doi: 10.1080/02770903.2019.1690661. [Epub ahead of print]

PMID:31702415

[Killing Two Birds with One Stone: Mold-Induced Pulmonary Immune Responses and Arterial Remodeling.](#)

Brain JD, Long Sieber N, Rosenblum Lichtenstein JH.

Am J Respir Cell Mol Biol. 2019 Nov 6. doi: 10.1165/rcmb.2019-0386ED. [Epub ahead of print] No abstract available.

PMID:31693387

Cigarettes, E-cigs, and Cannabis Smoke Exposure

[E-cigarette, or vaping, product use associated lung injury \(EVALI\): case series and diagnostic approach.](#)

Kalininskiy A, Bach CT, Nacca NE, Ginsberg G, Marraffa J, Navarette KA, McGraw MD, Croft DP. Lancet Respir Med. 2019 Dec;7(12):1017-1026. doi: 10.1016/S2213-2600(19)30415-1. Epub 2019 Nov 8.

PMID:31711871

[Factors influencing decline in quality of life in smokers without airflow obstruction: The COPDGene study.](#)

Parekh TM, Bhatia S, Cherrington A, Kim YI, Lambert A, Iyer A, Regan EA, DeMeo DL, Han M, Dransfield MT.

Respir Med. 2019 Nov 15;161:105820. doi: 10.1016/j.rmed.2019.105820. [Epub ahead of print]

PMID:31759270

[E-cigarettes, Vaping-Related Pulmonary Illnesses, and asthma: A Perspective from Inhalation Toxicologists.](#)

Clapp PW, Peden DB, Jaspers I.

J Allergy Clin Immunol. 2019 Nov 9. pii: S0091-6749(19)31482-4. doi: 10.1016/j.jaci.2019.11.001. [Epub ahead of print] No abstract available.

PMID:31715190

[Persistent Severe Fixed Airways Obstruction in a High-Dosing E-cigarette User.](#)

Macedonia TV, Krefft SD, Rose CS.

J Gen Intern Med. 2019 Nov 8. doi: 10.1007/s11606-019-05462-0. [Epub ahead of print]

PMID:31705470

Occupational Injuries and Exposures

[Post-exertional malaise in veterans with gulf war illness.](#)



Lindheimer JB, Stegner AJ, Wylie GC, Klein-Adams JC, Almassi NE, Ninneman JV, VanRiper SM, Dougherty RJ, Falvo MJ, Cook DB.

Int J Psychophysiol. 2019 Nov 28. pii: S0167-8760(19)30549-5. doi: 10.1016/j.ijpsycho.2019.11.008. [Epub ahead of print]

PMID:31786249

[Effects of commodity on the risk of emphysema in South African miners.](#)

Mabila SL, Almborg KS, Friedman L, Cohen RA, Ndlovu N, Vorajee N, Murray J.

Int Arch Occup Environ Health. 2019 Nov 7. doi: 10.1007/s00420-019-01483-8. [Epub ahead of print]

PMID:31701235

[Reciprocal associations between depression, anxiety and work-related injury.](#)

Gerasimaviciute V, Bültmann U, Diamond PM, Tullar JM, Delclos GL, Gimeno Ruiz de Porras D, Amick Iii BC.

Inj Prev. 2019 Nov 4. pii: injuryprev-2019-043403. doi: 10.1136/injuryprev-2019-043403. [Epub ahead of print]

PMID:31685530

Cellular and Molecular Mechanisms

[Amphiregulin modulates murine lung recovery and fibroblast function following exposure to agriculture organic dust.](#)

Poole JA, Nordgren TM, Heires AJ, Nelson AJ, Katafiasz DM, Bailey KL, Romberger DJ.

Am J Physiol Lung Cell Mol Physiol. 2019 Nov 6. doi: 10.1152/ajplung.00039.2019. [Epub ahead of print]

PMID:31693392

Pharmacology

[Antitubercular Triazines: Optimization and Intrabacterial Metabolism.](#)

Wang X, Inoyama D, Russo R, Li SG, Jadhav R, Stratton TP, Mittal N, Bilotta JA, Singleton E, Kim T, Paget SD, Pottorf RS, Ahn YM, Davila-Pagan A, Kandasamy S, Grady C, Hussain S, Soteropoulos P, Zimmerman MD, Ho HP, Park S, Dartois V, Ekins S, Connell N, Kumar P, Freundlich JS.

Cell Chem Biol. 2019 Nov 7. pii: S2451-9456(19)30355-1. doi: 10.1016/j.chembiol.2019.10.010. [Epub ahead of print]

PMID:31711854

[Model-based approach for methoxy polyethylene glycol-epoetin beta drug development in paediatric patients with anaemia of chronic kidney disease \[142/999 characters \(incl. spaces\)\].](#)

Chanu P, Schaefer F, Warady BA, Schmitt CP, Reigner B, Schnetzler G, Meyer Reigner S, Eisner M, Weichert A, Frey N.

Br J Clin Pharmacol. 2019 Nov 26. doi: 10.1111/bcp.14186. [Epub ahead of print]

PMID:31770451

Cancer

[Cervical Cancer Screening: Past, Present, and Future.](#)

Bedell SL, Goldstein LS, Goldstein AR, Goldstein AT.



Sex Med Rev. 2019 Nov 29. pii: S2050-0521(19)30101-5. doi: 10.1016/j.sxmr.2019.09.005. [Epub ahead of print] Review.

PMID:31791846

[Assessing the magnitude of immunogenic cell death following chemotherapy and irradiation reveals a new strategy to treat pancreatic cancer.](#)

Ye J, Mills BN, Zhao T, Han BJ, Murphy JD, Patel AP, Johnston CJ, Lord EM, Belt BA, Linehan DC, Gerber SA.

Cancer Immunol Res. 2019 Nov 12. pii: canimm.0373.2019. doi: 10.1158/2326-6066.CIR-19-0373. [Epub ahead of print]

PMID:31719057

[A phase 2 clinical trial assessing the efficacy and safety of pembrolizumab and radiotherapy in patients with metastatic triple-negative breast cancer.](#)

Ho AY, Barker CA, Arnold BB, Powell SN, Hu ZI, Gucalp A, Lebron-Zapata L, Wen HY, Kallman C, D'Agnolo A, Zhang Z, Flynn J, Dunn SA, McArthur HL.

Cancer. 2019 Nov 20. doi: 10.1002/cncr.32599. [Epub ahead of print]

PMID:31747077

[Novel genetic variants in HDAC2 and PPARGC1A of the CREB-binding protein pathway predict survival of non-small-cell lung cancer.](#)

Tang D, Zhao YC, Qian D, Liu H, Luo S, Patz EF, Moorman PG, Su L, Shen S, Christiani DC, Glass C, Gao W, Wei Q.

Mol Carcinog. 2019 Nov 12. doi: 10.1002/mc.23132. [Epub ahead of print]

PMID:31713888

[Sex-stratified polygenic risk score identifies individuals at increased risk of basal cell carcinoma.](#)

Roberts MR, Sordillo JE, Kraft P, Asgari MM.

J Invest Dermatol. 2019 Nov 1. pii: S0022-202X(19)33378-0. doi: 10.1016/j.jid.2019.09.020. [Epub ahead of print]

PMID:31682843

[Workshop summary: Potential usefulness and feasibility of a US National Mesothelioma Registry.](#)

Cummings KJ, Becich MJ, Blackley DJ, Deapen D, Harrison R, Hassan R, Henley SJ, Hesdorffer M, Horton DK, Mazurek JM, Pass HI, Taioli E, Wu XC, Zauderer MG, Weissman DN.

Am J Ind Med. 2019 Nov 19. doi: 10.1002/ajim.23062. [Epub ahead of print]

PMID:31743489

Education and Certification

[Trends in Leadership at Spine Surgery Fellowships.](#)

Donnally CJ 3rd, Schiller NC, Butler AJ, Sama AJ, Bondar KJ, Goz V, Shenoy K, Vaccaro AR, Hilibrand AS.

Spine (Phila Pa 1976). 2019 Nov 22. doi: 10.1097/BRS.0000000000003350. [Epub ahead of print]

PMID:31770313



Diet

[Lupus, Silica, and Dietary Omega-3 Fatty Acid Interventions.](#)

Wierenga KA, Harkema JR, Pestka JJ.

Toxicol Pathol. 2019 Nov 14:192623319878398. doi: 10.1177/0192623319878398. [Epub ahead of print]

PMID:31725357

[Relationship between Omega-3 and Omega-6 Fatty Acid Intake and COPD Morbidity.](#)

Lemoine C, Brigham E, Woo H, Koch A, Hanson C, Romero K, Putcha N, McCormack M, Hansel N.

Ann Am Thorac Soc. 2019 Nov 21. doi: 10.1513/AnnalsATS.201910-740RL. [Epub ahead of print] No abstract available.

PMID:31751155

[Dietary Patterns, Asthma, and Lung Function in the Hispanic Community Health Study/Study of Latinos \(HCHS/SOL\).](#)

Han YY, Jerschow E, Forno E, Hua S, Mossavar-Rahmani Y, Perreira K, Sotres-Alvarez D, Afshar M, Punjabi NM, Thyagarajan B, Shivappa N, Hébert JR, Kaplan RC, Celedón JC.

Ann Am Thorac Soc. 2019 Nov 5. doi: 10.1513/AnnalsATS.201908-629OC. [Epub ahead of print]

PMID:31689128

Genetics, Epigenetics, and Genomics

[Genome-Wide Association Study of Susceptibility to Idiopathic Pulmonary Fibrosis.](#)

Allen RJ, Guillen-Guio B, Oldham JM, Ma SF, Dressen A, Paynton ML, Kraven LM, Obeidat M, Li X, Ng M, Braybrooke R, Molina-Molina M, Hobbs BD, Putman RK, Sakornsakolpat P, Booth HL, Fahy WA, Hart SP, Hill MR, Hirani N, Hubbard RB, McAnulty RJ, Millar AB, Navaratnam V, Oballa E, Parfrey H, Saini G, Whyte MKB, Zhang Y, Kaminski N, Adegunsoye A, Streck ME, Neighbors M, Sheng XR, Gudmundsson G, Gudnason V, Hatabu H, Lederer DJ, Manichaikul A, Newell JD Jr, O'Connor GT, Ortega VE, Xu H, Fingerlin TE, Bossé Y, Hao K, Joubert P, Nickle DC, Sin DD, Timens W, Furniss D, Morris AP, Zondervan K, Hall IP, Sayers I, Tobin MD, Maher TM, Cho MH, Hunninghake GM, Schwartz DA, Yaspan BL, Molyneaux PL, Flores C, Noth I, Jenkins RG, Wain LV.

Am J Respir Crit Care Med. 2019 Nov 11. doi: 10.1164/rccm.201905-1017OC. [Epub ahead of print]

PMID:31710517

Chronic Obstructive Pulmonary Disease

[Pulmonary artery enlargement and mortality risk in moderate to severe COPD: results from COPDGene.](#)

LaFon DC, Bhatt SP, Labaki WW, Rahaghi FN, Moll M, Bowler RP, Regan EA, Make BJ, Crapo JD, San Jose Estepar R, Diaz AA, Silverman EK, Han MK, Hobbs B, Cho MH, Washko GR, Dransfield MT, Wells JM; COPDGene Investigators.

Eur Respir J. 2019 Nov 26. pii: 1901812. doi: 10.1183/13993003.01812-2019. [Epub ahead of print] No abstract available.

PMID:31772001



[Asthma-COPD Overlap and Chronic Airflow Obstruction: Definitions, Management, and Unanswered Questions.](#)

Milne S, Mannino D, Sin DD.

J Allergy Clin Immunol Pract. 2019 Nov 16. pii: S2213-2198(19)30939-0. doi: 10.1016/j.jaip.2019.10.044. [Epub ahead of print]

PMID:31740296

[Genetics of COPD.](#)

Silverman EK.

Annu Rev Physiol. 2019 Nov 15. doi: 10.1146/annurev-physiol-021317-121224. [Epub ahead of print]

PMID:31730394

Updates from Terrorism and Inhalation Disasters Section



It has been 35 years since thousands of people in Bhopal were killed by a gas leak at a Union Carbide chemicals plant that released tons of poisonous gases over the Indian city. <https://www.bbc.com/news/in-pictures-50293096>



Some of the colleagues who have been supported by NIH CounterACT program published their work in Neurobiology of Diseases. The journal published a special edition dedicated to "Discovery and development of better medical countermeasures for chemical threats targeting the nervous system". The medical countermeasures and the underlying mechanism of action overlap with research interests of TID section researchers. Kudos to NIH CounterACT researchers!

https://www.sciencedirect.com/journal/neurobiology-of-disease/vol/133/suppl/C?dqcid=raven_sd_via_email.



Australia Burns Again, and Now Its Biggest City Is Choking. In Sydney, fresh air and ocean breezes have long been treated as a daily birthright. Not anymore. At some point, the pollution in Sydney reached to the level equivalent of smoking 10 cigarettes. <https://nyti.ms/2sLLfZG>



(<https://www.dailymail.co.uk/news/article-7778093/Sydney-told-brace-huge-fire-losses.html>)

Living with Tear Gas, the Other Face of Chile's Protests:

<http://www.laht.com/article.asp?ArticleId=2485856&CategoryId=14094>

Concerns in Hong Kong over Repeated Use of Tear Gas: <https://learningenglish.voanews.com/a/concerns-in-hong-kong-over-repeated-use-of-tear-gas/5195803.html>



Rare court victory in Turkey over [#teargas](#) injury Verdict of Right Violation for Student Injured by Tear Gas Canister During Gezi: <https://t.co/WMndZC4RrW>

Job opportunities:

The Jordt Lab at Duke University School of Medicine is looking for a veterinary research scientist. Please see the job posting and spread this to your colleagues/trainees/friends who might be interested in this position. Please see the link for more details:

<https://careers.duke.edu/job/Durham-ASSOCIATE-IN-RESEARCH-NC-27710/610472400/>

The lab is also looking for postdoctoral research scientists to work on inhalational toxicology projects. Interested candidates should send their CV and a cover letter to sven.jordt@duke.edu.

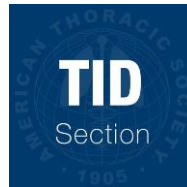
<https://careers.duke.edu/job/Durham-POSTDOCTORAL-ASSOCIATE-NC-27710/613539900/>

<https://careers.duke.edu/job/Durham-RESEARCH-SCIENTIST-NC-27710/614052400/>

<https://careers.duke.edu/job/Durham-RESEARCH-SCIENTIST-NC-27710/612858600/>



TID section is on **twitter**
Follow TID section on **@ATSTIDSection**



TID section is soliciting ideas for putting together **podcasts, webinars, and journal clubs**. Please contact Satya Achanta, DVM, PhD (satya.achanta@duke.edu), Web Director of TID section, if you are interested to lead any of these activities. Also, please email your publications, news articles, or presentations pertinent to TID section to include in the future EOPH newsletters.

In the News

We thank EOPH Assembly Member Dr. Mary Rice who recently gave testimony in congress on behalf of ATS on the EPA's proposed "Transparency" rule:

<https://science.house.gov/imo/media/doc/Rice%20Testimony.pdf>

Panel 2:

- **Dr. Linda S. Birnbaum**, Former Director, National Institute of Environmental Health Sciences (NIEHS) 2009-2019 [Truth in Testimony]
- **Dr. Mary B. Rice**, Assistant Professor of Medicine, Harvard Medical School; Pulmonary and Critical Care Physician, Beth Israel Deaconess Medical Center [Truth in Testimony]
- **Dr. David Allison**, Dean, School of Public Health, Indiana University-Bloomington; Member, "Reproducibility and Replicability in Science" Committee, The National Academies of Sciences, Engineering, and Medicine [Truth in Testimony]
- **Dr. Brian Nosek**, Co-Founder and Executive Director, Center for Open Science [Truth in Testimony]
- **Dr. Todd Sherer**, CEO, The Michael J. Fox Foundation for Parkinson's Research [Truth in Testimony]

