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Assembly on Environmental, Occupational, and Population Health Newsletter

EOPH

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Dear EOPH members,

In this October issue of the EOPH newsletter, we share some of our members' recent "epub ahead of print" articles as well as members' research in the news. Also—a friendly reminder to submit your abstracts for the upcoming 2019 ATS Conference in Dallas (submission deadline is October 31, 2018).

Also in this issue, we remember the life and great work of Dr. Margaret Becklake McGregor, who passed away on October 17, 2018. Described by EOPH Assembly Chair Dr. Howard Kipen, as a voice of eminence and reason, Dr. Becklake will be greatly missed..

Do you have a topic you would like to hear more about or a journal article that you would like to hear discussed? Send all ideas/announcements to tara.nordgren@medsch.ucr.edu.

Sincerely,

Your Web Editorial Committee



Recent publications

This section highlights some of our assembly members' exciting research that was recently 'e-published.' 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, Occupational, and Environmental Aerosol Exposures

[Road proximity influences indoor exposures to ambient fine particle mass and components.](#) Huang S, Lawrence J, Kang CM, Li J, Martins M, Vokonas P, Gold DR, Schwartz J, Coull BA, Koutrakis P. Environ Pollut. 2018 Sep 17;243(Pt B):978-987. doi: 10.1016/j.envpol.2018.09.046. [Epub ahead of print]

PMID:30248605

[Long- and short-term air pollution exposure and measures of arterial stiffness in the Framingham Heart Study.](#) Ljungman PLS, Li W, Rice MB, Wilker EH, Schwartz J, Gold DR, Koutrakis P, Benjamin EJ, Vasan RS, Mitchell GF, Hamburg NM, Mittleman MA. Environ Int. 2018 Sep 8;121(Pt 1):139-147. doi: 10.1016/j.envint.2018.08.060. [Epub ahead of print]

PMID:30205320

[Seeing the Wood for the Trees - Household Air Pollution and Lung Disease.](#)

van Zyl-Smit RN, Balmes JR. Am J Respir Crit Care Med. 2018 Sep 25. doi: 10.1164/rccm.201808-1554ED. [Epub ahead of print] No abstract available.

PMID:30251876

[An observational study of environmental exposures, airway cytology, and performance in racing thoroughbreds.](#) Ivester KM, Couëtill LL, Moore GE. J Vet Intern Med. 2018 Sep 17. doi: 10.1111/jvim.15226. [Epub ahead of print]

10.1111/jvim.15226. [Epub ahead of print]

PMID:30222207

[Silica Exposure, Silicosis and the New OSHA Silica Standard: What Pulmonologists Need to Know.](#) Deslauriers JR, Redlich CA. Ann Am Thorac Soc. 2018 Sep 13. doi: 10.1513/AnnalsATS.201809-589ED. [Epub ahead of print] No abstract available.

589ED. [Epub ahead of print] No abstract available.

PMID:30211615

[The Burden of Silicosis in Michigan, 1988-2016.](#) Reilly MJ, Timmer SJ, Rosenman KD. Ann Am Thorac Soc. 2018 Sep 6. doi: 10.1513/AnnalsATS.201802-117OC. [Epub ahead of print]

PMID:30188758

Asthma and Allergy

[Asthma dissemination around patient-centered treatments in North Carolina \(ADAPT-NC\): a cluster randomized control trial evaluating dissemination of an evidence-based shared decision-making intervention for asthma management.](#) Ludden T, Shade L, Reeves K, Welch M, Taylor YJ, Mohanan S, McWilliams A, Halladay J, Donahue K, Coyne-Beasley T, Dolor RJ, Bray P, Tapp H. J Asthma. 2018 Sep 25;1-12. doi: 10.1080/02770903.2018.1514630. [Epub ahead of print]

PMID:30252544

Asthma-related impact of extending US parents' health insurance coverage to young

adults. Hsu J, Qin X, Mirabelli MC. J Allergy Clin Immunol Pract. 2018 Sep 25. pii: S2213-2198(18)30568-3. doi: 10.1016/j.jaip.2018.08.031. [Epub ahead of print] No abstract available.
PMID:30316730

Allergy to Surgical Implants.

Pacheco KA. Clin Rev Allergy Immunol. 2018 Sep 15. doi: 10.1007/s12016-018-8707-y. [Epub ahead of print] Review.
PMID:30220068

Rhinitis in children and adolescents with asthma: Ubiquitous, difficult to control, and

associated with asthma outcomes. Togias A, Gergen PJ, Hu JW, Babineau DC, Wood RA, Cohen RT, Makhija MM, Khurana Hershey GK, Kercksmar CM, Gruchalla RS, Liu AH, Wang E, Kim H, Lamm CI, Bacharier LB, Pillai D, Sigelman SM, Gern JE, Busse WW. J Allergy Clin Immunol. 2018 Sep 11. pii: S0091-6749(18)31282-X. doi: 10.1016/j.jaci.2018.07.041. [Epub ahead of print]

PMID:30213627

Health Care Utilization

Daily Routine: Associations With Health Status and Urgent Health Care Utilization Among

Older Adults. O'Connor R, Benavente JY, Kwasny MJ, Eldeirawi K, Hasnain-Wynia R, Federman AD, Hebert-Beirne J, Wolf MS. Gerontologist. 2018 Sep 22. doi: 10.1093/geront/gny117. [Epub ahead of print]

PMID:30247549

Cellular Mechanisms

Oxidative stress associated with aging activates Protein Kinase C Epsilon, leading to cilia

slowing. Bailey KL, Kharbanda KK, Katafiasz DM, Sisson JH, Wyatt TA. Am J Physiol Lung Cell Mol Physiol. 2018 Sep 13. doi: 10.1152/ajplung.00033.2018. [Epub ahead of print]

PMID:30211654

Activated Human Lung Fibroblasts Produce Extracellular Vesicles with Anti-Fibrotic

Prostaglandins. Lacy SH, Woeller CF, Thatcher TH, Pollock SJ, Small EM, Sime PJ, Phipps RP. Am J Respir Cell Mol Biol. 2018 Sep 28. doi: 10.1165/rcmb.2017-0248OC. [Epub ahead of print]

PMID:30265126

Peptidoglycan precursor synthesis along the sidewall of pole-growing mycobacteria.

García-Heredia A, Pohane AA, Melzer ES, Carr CR, Fiolek TJ, Rundell SR, Chuin Lim H, Wagner JC, Morita YS, Swarts BM, Siegrist MS. Elife. 2018 Sep 10;7. pii: e37243. doi: 10.7554/eLife.37243. [Epub ahead of print]

PMID:30198841

Kinome analyses of inflammatory responses to swine barn dust extract in human

bronchial epithelial and monocyte cell lines. Nath Neerukonda S, Mahadev-Bhat S, Aylward B, Johnson C, Charavaryamath C, Arsenault RJ. Innate Immun. 2018 Aug;24(6):366-381. doi: 10.1177/1753425918792070. Epub 2018 Aug 9.

PMID: 30092684

Symptoms and Diagnostics

The clinical value of a thorough diagnostic evaluation for neurologic complaints. Krane

NA, McKinnon B, White M, Ashak D, Chang EL, Park D, Segar S, Jayakumaran J, Grayhack C, Sataloff RT. Am J Otolaryngol. 2018 Sep 14. pii: S0196-0709(18)30848-2. doi: 10.1016/j.amjoto.2018.09.009. [Epub ahead of print] PMID:30243840

Genetics/Genomics

Polymorphism of FCGR3A gene in chronic beryllium disease. Liu B, Maier LA, Hamzeh N, MacPhail K, Mroz MM, Liu H, Li L. Genes Immun. 2018 Sep 24. doi: 10.1038/s41435-018-0046-8. [Epub ahead of print] PMID:30245507

A genome-wide association and admixture mapping study of bronchodilator drug response in African Americans with asthma. Spear ML, Hu D, Pino-Yanes M, Huntsman S, Eng C, Levin AM, Ortega VE, White MJ, McGarry ME, Thakur N, Galanter J, Mak ACY, Oh SS, Ampleford E, Peters SP, Davis A, Kumar R, Farber HJ, Meade K, Avila PC, Serebrisky D, Lenoir MA, Brigino-Buenaventura E, Cintron WR, Thyne SM, Rodriguez-Santana JR, Ford JG, Chapela R, Estrada AM, Sandoval K, Seibold MA, Winkler CA, Bleecker ER, Myers DA, Williams LK, Hernandez RD, Torgerson DG, Burchard EG. Pharmacogenomics J. 2018 Sep 12. doi: 10.1038/s41397-018-0042-4. [Epub ahead of print] PMID:30206298

An admixture mapping meta-analysis implicates genetic variation at 18q21 with asthma susceptibility in Latinos. Gignoux CR, Torgerson DG, Pino-Yanes M, Uricchio LH, Galanter J, Roth LA, Eng C, Hu D, Nguyen EA, Huntsman S, Mathias RA, Kumar R, Rodriguez-Santana J, Thakur N, Oh SS, McGarry M, Moreno-Estrada A, Sandoval K, Winkler CA, Seibold MA, Padhukasahasram B, Conti DV, Farber HJ, Avila P, Brigino-Buenaventura E, Lenoir M, Meade K, Serebrisky D, Borrell LN, Rodriguez-Cintron W, Thyne S, Joubert BR, Romieu I, Levin AM, Sienra-Monge JJ, Del Rio-Navarro BE, Gan W, Raby BA, Weiss ST, Bleecker E, Meyers DA, Martinez FJ, Gauderman WJ, Gilliland F, London SJ, Bustamante CD, Nicolae DL, Ober C, Sen S, Barnes K, Williams LK, Hernandez RD, Burchard EG. J Allergy Clin Immunol. 2018 Sep 7. pii: S0091-6749(18)31274-0. doi: 10.1016/j.jaci.2016.08.057. [Epub ahead of print] PMID:30201514

Chronic Obstructive Pulmonary Disease (COPD)

Albuminuria, Lung Function Decline, and Risk of Incident COPD: The NHLBI Pooled Cohorts Study. Oelsner EC, Balte PP, Grams ME, Cassano PA, Jacobs DR, Barr RG, Burkart KM, Kalhan R, Kronmal R, Loehr LR, O'Connor GT, Schwartz JE, Shlipak M, Tracy RP, Tsai MY, White W, Yende S. Am J Respir Crit Care Med. 2018 Sep 28. doi: 10.1164/rccm.201803-0402OC. [Epub ahead of print] PMID:30261735

Alignment of Inhaled COPD Therapies with Published Strategies: Analysis of the GOLD Recommendations in SPIROMICS. Ghosh S, Anderson WH, Putcha N, Han MK, Curtis JL, Criner GJ, Dransfield MT, Barr RG, Krishnan JA, Lazarus SC, Cooper CB, Paine R 3rd, Peters SP, Hansel NN, Martinez FJ, Drummond MB; SPIROMICS Investigators. Ann Am Thorac Soc. 2018 Sep 14. doi: 10.1513/AnnalsATS.201804-283OC. [Epub ahead of print] PMID:30216731

Chronic Obstructive Pulmonary Disease Mortality, a Competing Risk Analysis.

Abukhalaf J, Davidson R, Villalobos N, Meek P, Petersen H, Sood A, Tesfaigzi Y, Vazquez Guillamet R. Clin Respir J. 2018 Sep 26. doi: 10.1111/crj.12963. [Epub ahead of print] PMID:30257066

Lung Transplantation

[Impact of donor lung pathogenic bacteria on patient outcomes in the immediate post-transplant period.](#) Ahmad O, Shafii AE, Mannino DM, Choate R, Baz MA. Transpl Infect Dis. 2018 Sep 1:e12986. doi: 10.1111/tid.12986. [Epub ahead of print]
PMID:30171789

Clinical Trials

[Clinical trial recruitment of adult African American smokers from economically disadvantaged urban communities.](#) Horn K, Kuprewicz RM, Patterson K, Kaufman J, Murugesan U, Martinez DJ, Krebs NM, Muscat JE. J Ethn Subst Abuse. 2018 Sep 28:1-18. doi: 10.1080/15332640.2018.1489746. [Epub ahead of print]
PMID:30265848

[Longitudinal Changes in Quantitative Interstitial Lung Disease on CT after Immunosuppression in the Scleroderma Lung Study II.](#) Goldin JG, Kim GHJ, Tseng CH, Volkmann E, Furst D, Clements P, Brown M, Roth M, Khanna D, Tashkin DP. Ann Am Thorac Soc. 2018 Sep 28. doi: 10.1513/AnnalsATS.201802-079OC. [Epub ahead of print]
PMID: 30265153

Bioinformatics and Analyses

[Bayesian integrative model for multi-omics data with missingness.](#) Fang Z, Ma T, Tang G, Zhu L, Yan Q, Wang T, Celedón JC, Chen W, Tseng GC. Bioinformatics. 2018 Sep 1. doi: 10.1093/bioinformatics/bty775. [Epub ahead of print]
PMID:30184058

[Mediation analysis for common binary outcomes.](#) Gaynor SM, Schwartz J, Lin X. Stat Med. 2018 Sep 6. doi: 10.1002/sim.7945. [Epub ahead of print]
PMID:30256434.

Occupational Health

[Physical activity and common tasks of California farm workers: California Heat Illness Prevention Study \(CHIPS\).](#) Mitchell DC, Castro J, Armitage TL, Tancredi DJ, Bennett DH, Schenker MB. J Occup Environ Hyg. 2018 Sep 5:1-32. doi: 10.1080/15459624.2018.1519319. [Epub ahead of print]
PMID:30183551

Cigarettes, E-Cigarettes, Cigarillos and Tobacco Smoke Exposures

[Exposure to tobacco smoke increases bone loss in spontaneously hypertensive rats.](#) Xu J, Qiu X, Liang Z, Smiley-Jewell S, Lu F, Yu M, Pinkerton KE, Zhao D, Shi B. Inhal Toxicol. 2018 Sep 26:1-10. doi: 10.1080/08958378.2018.1506838. [Epub ahead of print]
PMID:30257116

[Presence of High-Intensity Sweeteners in Popular Cigarillos of Varying Flavor Profiles.](#) Erythropel HC, Kong G, deWinter TM, O'Malley SS, Jordt SE, Anastas PT, Zimmerman JB. JAMA. 2018 Oct 2;320(13):1380-1383. doi: 10.1001/jama.2018.11187. No abstract available.
PMID:30285168

[Formation of flavorant-propylene Glycol Adducts With Novel Toxicological Properties in Chemically Unstable E-Cigarette Liquids.](#) Erythropel HC, Jabba SV, DeWinter TM, Mendizabal M, Anastas PT, Jordt SE, Zimmerman JB. *Nicotine Tob Res.* 2018 Oct 18. doi: 10.1093/ntr/nty192. [Epub ahead of print]
PMID:30335174

Cardiovascular Disease

[Relation of Anterior Cruciate Ligament Tears to Potential Chronic Cardiovascular diseases.](#) Meehan WP, Weisskopf MG, Krishnan S, McCracken C, Zafonte R, Taylor HA, Baggish A, Pascual-Leone A, Nadler LM, Speizer FE. *Am J Cardiol.* 2018 Sep 7. pii: S0002-9149(18)31729-6. doi: 10.1016/j.amjcard.2018.08.030. [Epub ahead of print]
PMID:30282598

Cancer

[Response to "Invited commentary: diesel exhaust and lung cancer -- aftermath of becoming an IARC Group 1 carcinogen" by Debra T. Silverman.](#) *Am J Epidemiol* 2018 Mar 7. doi: 10.1093/aje/kwy036. Chang ET, Lau EC, Van Landingham C, Crump KS, McClellan RO, Moolgavkar SH. *Am J Epidemiol.* 2018 Sep 6. doi: 10.1093/aje/kwy176. [Epub ahead of print] No abstract available.
PMID:30192919

[Factors contributing to disparities in mortality among patients with non-small-cell lung cancer.](#) Mehta AJ, Stock S, Gray SW, Nerenz DR, Ayanian JZ, Keating NL. *Cancer Med.* 2018 Sep 28. doi: 10.1002/cam4.1796. [Epub ahead of print]
PMID:30264921

[Risks and burden of lung cancer incidence for residential petrochemical industrial complexes: A meta-analysis and application.](#) Lin CK, Hsu YT, Christiani DC, Hung HY, Lin RT. *Environ Int.* 2018 Sep 24;121(Pt 1):404-414. doi: 10.1016/j.envint.2018.09.018. [Epub ahead of print]
PMID:30261461

[Potentially functional genetic variants in the complement-related immunity gene-set are associated with non-small cell lung cancer survival.](#) Qian D, Liu H, Wang X, Ge J, Luo S, Patz EF Jr, Moorman PG, Su L, Shen S, Christiani DC, Wei Q. *Int J Cancer.* 2018 Sep 27. doi: 10.1002/ijc.31896. [Epub ahead of print]
PMID:30259978

[DNA Methylation of LRRC3B: A Biomarker for Survival of Early-Stage Non-Small Cell Lung Cancer Patients.](#) Guo Y, Zhang R, Shen S, Wei Y, Salama SM, Fleischer T, Bjaanæs MM, Karlsson A, Planck M, Su L, Zhu Z, Staaf J, Helland Å, Esteller M, Christiani DC. *Cancer Epidemiol Biomarkers Prev.* 2018 Sep 5. pii: cebp.0454.2018. doi: 10.1158/1055-9965.EPI-18-0454. [Epub ahead of print]
PMID:30185536

Validation of the Six-Minute Walk Test for Predicting Peak VO₂ in Cancer Survivors.

Schumacher AN, Shackelford DY, Brown JM, Hayward R. Med Sci Sports Exerc. 2018 Sep 19. doi: 10.1249/MSS.0000000000001790. [Epub ahead of print]
PMID:30239495

Nutrition/Nutrients

Vitamin D Status at the Time of Hospitalization for Bronchiolitis and Its Association with Disease Severity.

Vo P, Koppel C, Espinola JA, Mansbach JM, Celedón JC, Hasegawa K, Bair-Merritt M, Camargo CA Jr. J Pediatr. 2018 Sep 20. pii: S0022-3476(18)31096-5. doi: 10.1016/j.jpeds.2018.07.097. [Epub ahead of print]
PMID:30243543

Meta-analysis across Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) consortium provides evidence for an association of serum vitamin D with pulmonary function.

Xu J, Bartz TM, Chittoor G, Eiriksdottir G, Manichaikul AW, Sun F, Terzikhan N, Zhou X, Booth SL, Brusselle GG, de Boer IH, Fornage M, Frazier-Wood AC, Graff M, Gudnason V, Harris TB, Hofman A, Hou R, Houston DK, Jacobs DR, Kritchevsky SB, Latourelle J, Lemaitre RN, Lutsey PL, O'Connor G, Oelsner EC, Pankow JS, Psaty BM, Rohde RR, Rich SS, Rotter JI, Smith LJ, Stricker BH, Voruganti VS, Wang TJ, Zillikens MC, Barr RG, Dupuis J, Gharib SA, Lahousse L, London SJ, North KE, Smith AV, Steffen LM, Hancock DB, Cassano PA. Br J Nutr. 2018 Sep 12:1-12. doi: 10.1017/S0007114518002180. [Epub ahead of print]
PMID:30205856

Omega-3 Fatty Acids and Genome-wide Interaction Analyses Reveal DPP10-Pulmonary Function Association.

Xu J, Gaddis NC, Bartz TM, Hou R, Manichaikul AW, Pankratz N, Smith AV, Sun F, Terzikhan N, Markunas CA, Patchen BK, Schu M, Beydoun MA, Brusselle GG, Eiriksdottir G, Zhou X, Wood AC, Graff M, Harris TB, Ikram MA, Jacobs DR Jr, Launer LJ, Lemaitre RN, O'Connor G, Oelsner EC, Psaty BM, Ramachandran VS, Rohde RR, Rich SS, Rotter JI, Seshadri S, Smith LJ, Tiemeier H, Tsai MY, Uitterlinden AG, Voruganti VS, Xu H, Zilhão NR, Fornage M, Zillikens MC, London SJ, Barr RG, Dupuis J, Gharib SA, Gudnason V, Lahousse L, North KE, Steffen LM, Cassano PA, Hancock DB. Am J Respir Crit Care Med. 2018 Sep 10. doi: 10.1164/rccm.201802-0304OC. [Epub ahead of print]
PMID:30199657

Bronchiolitis

Severe Bronchiolitis Profiles and Risk of Developing Recurrent Wheezing by Age 3 Years.

Dumas O, Hasegawa K, Mansbach JM, Sullivan AF, Piedra PA, Camargo CA Jr. J Allergy Clin Immunol. 2018 Sep 18. pii: S0091-6749(18)31296-X. doi: 10.1016/j.jaci.2018.08.043. [Epub ahead of print]
PMID:30240701

Bronchiectasis

Acquired CFTR Dysfunction and Radiographic Bronchiectasis in Current and Former Smokers: A Cross-Sectional Study.

Teerapuncharoen K, Wells JM, Raju SV, Raraigh KS, Atalar

M, Cutting GR, Rasmussen L, Nath PH, Bhatt SP, Solomon GM, Dransfield MT, Rowe SM. Ann Am Thorac Soc. 2018 Sep 19. doi: 10.1513/AnnalsATS.201805-325RL. [Epub ahead of print] No abstract available.

PMID:30230364

Opioid Use

Receipt of Timely Addiction Treatment and Association of Early Medication Treatment With Retention in Care Among Youths With Opioid Use Disorder.

Hadland SE, Bagley SM, Rodean J, Silverstein M, Levy S, Larochelle MR, Samet JH, Zima BT. JAMA Pediatr. 2018 Sep 10. doi: 10.1001/jamapediatrics.2018.2143. [Epub ahead of print]

PMID:30208470

In Memory: Dr. Margot Becklake McGregor

(Provided by Dr. Maurice McGregor via Dr. Sonia Buist):

On October 17th 2018, Dr. Margot Becklake McGregor died peacefully in her home. She will be missed by her family, her husband Maurice, her children, James (Marie-José LeBlanc) and Margaret (John Price), her grandchildren Dominique, Thomas, Mae, Charlotte and her great-granddaughter Margot. She will be remembered as a physician, teacher, eminent researcher and above all mentor and role model to many people in many countries. Dr. Becklake grew up in South Africa, studied medicine in Johannesburg and after postgraduate training in London, worked at the University of the Witwatersrand and the Miners Silicosis Bureau where she studied the effects of dust inhalation on workers in the gold mines. In 1957 she immigrated with her family to Montréal and worked at McGill University in the Departments of Medicine and Epidemiology, the Montreal Chest Hospital and the Royal Victoria Hospital. Her widely published research brought her international recognition. Her numerous awards include the Order of Canada and the Order of Québec. See https://en.m.wikipedia.org/wiki/Margaret_Becklake.



A celebration of Margot's life will be held on Sunday November 4th from 2:00- 5:30 PM (start time 2:30 PM) at the Alfred Dallaire Hall, 4231 Saint-Laurent Blvd. (valet parking provided).

-Maurice, Margaret and James

Noteworthy Perspectives Publication

At our 2018 annual assembly meeting in May, discussion was raised regarding the EPA proposal for exclusion of studies whose raw data are not publicly available for consideration in setting environmental standards. A noteworthy Perspectives article was recently published in the New England Journal of Medicine that discusses this proposal, titled, "'Transparency' as Mask? The EPA's Proposed Rule on Scientific Data". You can read the article [here](#).

Reminder—ATS 2019 Annual Conference Abstract Submission Deadline is October 31, 2018!

Call for Abstracts and Case Reports:

The ATS is accepting the submission of scientific and case report abstracts on all aspects of respiratory disease, critical care, and sleep medicine. Abstracts can report on basic, translational, and clinical science research; epidemiologic, social, biobehavioral, and psychosocial investigations; or educational and quality improvement projects.

- **Scientific Abstracts:** Research on respiratory disease, critical care and sleep medicine, including quality improvement projects.
- **Case Reports:** Interesting and unique reports describing a single clinical case.

SUBMISSION DEADLINE: WEDNESDAY, OCTOBER 31, 2018 (5 p.m. Eastern Time)

For information on submitting scientific abstracts and case reports, please contact the American Thoracic Society at conference@thoracic.org.

More information can be found [HERE](#).

ATS Webinar Journal Club

We hope you had an opportunity to participate in the recent ATS Webinar Journal Club featuring the article, “Once –daily Single-inhaler Triple Versus Dual Therapy in Patients with COPD.” The Webinar was co-sponsored by the AII and EOPH assemblies. If you were unable to participate live, there is still an opportunity to watch webinar, available [HERE](#).

Things Worth Celebrating: Members in the News!

A recent publication of EOPH Assembly member Dr. Sven Jordt and colleagues was featured in a CNN article on October 18, 2018. The CNN article, titled, “Chemical changes in e-cigarette liquids can make them irritants, study says” can be viewed [here](#).

We know that many of you have successes to share with us. Please help us expand this section by emailing us your good news: tara.nordgren@medsch.ucr.edu.

Interesting Clinical Cases?

The web committee is currently calling for “Quick Hit” clinical cases, which will be posted on the website and highlighted in this newsletter. It is a good, peer-reviewed writing opportunity for trainees. Submit clinical cases to tara.nordgren@medsch.ucr.edu.