



VERITY Newsletter

A newsletter brought to you by VERITY at Brigham & Women's Hospital

JUNE 2019

VERITY Updates

- **VERITY announces the 2019 VERITY Pilot & Feasibility Research Awardee, Dr. Lily Li**
- **VERITY releases the application** for the next VERITY/Brigham Course in Rheumatology Clinical Research to be held in May 2020. More information below.

VERITY (NIH-P30-AR072577) is funded by NIH-NIAMS.

2019 VERITY Pilot & Feasibility Research Award

VERITY has announced the 2019 VERITY Pilot & Feasibility (P&F) Research Awardee, Dr. Lily Li of Brigham and Women's Hospital (BWH). The VERITY P&F Research Award is a NIAMS-supported \$20,000 grant aimed at providing seed funding for new projects. It also offers an opportunity to the VERITY Research Community to develop skills in proposal preparation. Lily Li, MD, is a clinical research fellow at BWH who has been a consistent contributor to the VERITY Research Community. She has been working with the VERITY Methodology Core over the past few months developing her proposal to study the clinical impact of non-steroidal anti-inflammatory drug (NSAID) adverse drug reactions (ADRs) on opioid use disorder. The team will focus on patients with osteoarthritis and/or back pain to characterize the relationships between reported NSAID ADRs and opioid use patterns. Dr. Li applied for the VERITY P&F Award planning to continue her collaboration with the VERITY Methodology Core. VERITY looks forward to assisting Dr. Li and her team with this promising project.

VERITY Publications

Chang HH, Ho CH, Tomita B, Silva AA, **Sparks JA**, Karlson EW, Rao DA, Lee YC, Ho IC. Utilizing a PTPN22 gene signature to predict response to targeted therapies in rheumatoid arthritis. *J Autoimmun.* 2019 Jul.

Yoshida K, **Solomon DH**, Haneuse S, **Kim SC**, Paterno E, Tedeschi SK, Lyu H, Hernández-Díaz S, Glynn RJ. A tool for empirical equipoise assessment in multigroup comparative effectiveness research. *Pharmacoepidemiol Drug Saf.* 2019 May 27.

Lyu H, Jundi B, Xu C, Tedeschi SK, Yoshida K, Zhao S, Nigwekar SU, Leder BZ, **Solomon DH**. Comparison of Denosumab and Bisphosphonates in Patients With Osteoporosis: A Meta-Analysis of Randomized Controlled Trials. *J Clin Endocrinol Metab.* 2019 May 1.

Marshall AA, Zaccardelli A, Yu Z, Prado MG, Liu X, Miller Kroouze R, Kalia SS, Green RC, Tiedman NA, **Lu B**, Deane KD, Iversen MD, Karlson EW, **Sparks JA**. Effect of communicating personalized rheumatoid arthritis risk on concern for developing RA: A randomized controlled trial. *Patient Educ Couns.* 2019 May.

Schoenfeld AJ, **Losina E**, Ferrone ML, Schwab JH, Chi JH, Blucher JA, Silva GS, Chen AT, Harris MB, Kang JD, **Katz JN**. Ambulatory status after surgical and nonsurgical treatment for spinal metastasis. *Cancer.* 2019 Apr 15.

Sparks JA, He X, Huang J, Fletcher EA, Zaccardelli A, Friedlander HM, Gill RR, Hatabu H, Nishino M, Murphy DJ, Iannaccone CK, Mahmoud TG, Frits ML, **Lu B**, Rosas IO, Dellaripa PF, Weinblatt ME, Karlson EW, **Shadick NA**, Doyle TJ. Rheumatoid arthritis disease activity predicting incident clinically-apparent RA-associated interstitial lung disease: A prospective cohort study. *Arthritis Rheumatol.* 2019 Apr 5.

Collins JE, **Losina E**, Marx RG, Guermazi A, Jarraya M, Jones MH, Levy BA, Mandl LA, Martin SD, Wright RW, Spindler KP, **Katz JN**; MeTeOR Investigator Group. Early MRI-based Changes in Patients with Meniscal Tear and Osteoarthritis. *Arthritis Care Res (Hoboken).* 2019 Apr 1.

June 26th, 9:00AM-10:00AM
VERITY/SCS Seminar Series
Presenter: Nancy Shadick, MD, MPH
Brigham and Women's Hospital

July 10th, 9:00AM-10:00AM
VERITY/SCS Seminar Series
Presenter: Candace Feldman, MD, MPH, ScD
Brigham and Women's Hospital

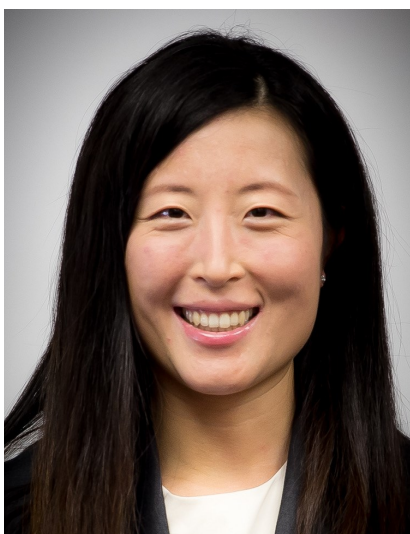
***Please visit <http://www.verityresearch.org/> to learn more about the meetings and our live-streaming through BlueJeans®.

Lyu H, Yoshida K, Tedeschi SK, Zhao S, Xu C, Nigwekar SU, Leder BZ, **Solomon DH**. Intervals between bone mineral density testing with dual-energy X-ray absorptiometry scans in clinical practice. *Osteoporos Int.* 2019 Apr.

Liu X, Tedeschi SK, **Lu B**, Zaccardelli A, Speyer CB, **Costenbader KH**, Karlson EW, **Sparks JA**. Long-term physical activity and subsequent risk for rheumatoid arthritis among women: A prospective cohort study. *Arthritis Rheumatol.* 2019 Mar 28.

Miller ER, Fanta CH, McSparron JI, Pan B, Coblyn JS, **Sparks JA**. Musculoskeletal and pulmonary outcomes of sarcoidosis after initial presentation of osseous involvement. *Sarcoidosis Vasc Diffuse Lung Dis.* 2019;36(1):60-63. Epub 2019 Mar 11.

VERITY Member Spotlight: Selena (Sicong) Huang, MD



Sicong (Selena) Huang, MD is a second-year rheumatology fellow at Brigham and Women's Hospital and is currently pursuing a Master of Science degree in Health Data Science at the Harvard T.H. Chan School of Public Health. She has been part of the VERITY Bioinformatics Resource Core since 2018. Working with her primary mentor, Dr. Katherine Liao, she has been working on projects utilizing electronic health record data in disease phenotyping using machine learning techniques. Her study, entitled "International Classification of Diseases 10th Revision Codes and Updated Medical Information on an Existing Rheumatoid Arthritis Phenotype Algorithm Using Electronic Medical Data" was presented as a poster at the 2018 ACR Annual Meeting. She is currently working with Dr. Liao to investigate inflammation as a risk factor for incident heart failure and heart failure subtypes in a rheumatoid arthritis cohort. Dr. Huang is also working with Dr. Jeffrey Sparks on the pulmonary complications in rheumatoid arthritis.

***For each issue, the newsletter will feature a VERITY member. For more information, please contact Jackie Stratton (jstratton1@bwh.harvard.edu) or visit verityresearch.org to become a VERITY member.

Please visit verityresearch.org for more information.