SigmaCast – Preprints

Name and Credentials	Facility / Organization	Topic
Kimberly Thompson, MLA	Ruth Lilly Repository Manager, Sigma	Preprints I
Susan Gennaro, RN, PhD, FAAN	Editor: Journal of Nursing Scholarship	Preprints II
Bernadette Melnyk, PhD, RN, CPNP/ PMHNP, FNAP, FAAN	Editor: Worldviews on Evidence-Based Nursing	Preprints II
Dustin Sullivan, BA	Publisher, Sigma	Preprints II
Jamie Wielgus	Editor, Health Science Journals at Wiley Publishing	Preprints II
Sarvenaz Sarabipour, PhD	Institute for Computational Medicine in the Department of Biomedical Engineering at Johns Hopkins University	Preprints III

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SigmaCast- Preprints I (Thompson)

Hello, and welcome to SigmaCast, a series of interviews and discussions with prominent health care providers from around the world. My name is Dr. Matt Howard, the Director of Scholarship Resources at Sigma. Today we will be talking about preprints.

Specifically, we will be talking with Kimberly Thompson about preprints in the nursing and health care environment.

Ms. Thompson thank you for taking the time to join us today. Could you tell us a little about yourself?

- 1. Do you think that pre-prints help those in the nursing profession in the same way that pre-prints assist those in other professions (i.e., physics, mathematics, etc.)?
- 2. Do you see pre-prints as a fad, or will they become a permanent part of the publicly shared flow of information?
- 3. Are pre-prints the answer to rising journal/database subscription costs?
- 4. What are the advantages of pre-prints? (and why)
- 5. What are the disadvantages or pre-prints? (and why)

Alright, well thank you so much for your time today. And to our listeners, as always if you have any questions, please visit our website at www dot Sigma Nursing dot org. Thank you for listening!

SigmaCast- Preprints III (Sarabipour)

Hello, and welcome to the SigmaCast. I am Dr. Matt Howard, the Director of Scholarship Resources at Sigma. Today we will be talking Dr. Sarvenaz Sarabipour to continue our discussion about Pre-Prints. Dr. Sarabipour works at the Institute for Computational Medicine in the Department of Biomedical Engineering at Johns Hopkins University.

Dr. Sarabipour thank you for taking the time to join us today. Could you tell us a little about yourself?

- 1. You are the recent lead author of an article titled *On the value of preprints: An early career researcher perspective*. Since the topic of preprints is not readily familiar in the healthcare industry, could you define the term for our audience? What does it mean to you?
- 2. What are the advantages of preprints in your area of study? What could they be in the healthcare arena?
- 3. What are the disadvantages or preprints?
- 4. Could preprints help those in the nursing and health care profession in the same way that preprints assist those in other professions (i.e., physics, mathematics, etc.)?
- 5. Do you see pre-prints as a fad, or will they become a permanent part of the publicly shared flow of information?
- 6. Are pre-prints the answer to rising journal/database subscription costs?

Alright, well thank you so much for your time today. And to our listeners, as always if you have any questions, please visit our website at www dot Sigma Nursing dot org. Thank you for listening!

References to place in the Sigma Repository submission:

- Abdill, R. J., Blekhman, R. (2019). Tracking the popularity and outcomes of all bioRxiv preprints. *bioRxiv*, 515643, 1-65. https://doi.org/10.1101/515643
- Acton, S. E., Bell, A., Toseland, C. P., & Twelvetrees, A. (2019). The life of P.I. transitions to independence in academia. *bioRxiv*, 571935, 1-9. https://doi.org/10.1101/571935
- Allen, C., & Mehler, D. M. A. (2019, May). Open science challenges, benefits and tips in early career and beyond, *PLOS Biology*, *17*(5), e3000246. https://doi.org/10.1371/journal.pbio.3000246
- ASAPbio. (2019). Preprint FAQ. Retrieved from https://asapbio.org/preprint-info/preprint-faq#qe-faq-637
- Burgess, S. (2019). Assessing the quality of mentorship in research environments. Retrieved from https://ecrlife.org/assessing-the-quality-of-mentorship-in-academia/
- Burgess, S., & Mehta, D. (2017). Author contributions: Recognising researchers for the work they do We are investigating ways to improve credit for researchers. Retrieved from https://elifesciences.org/labs/b86daa1d/author-contributions-recognising-researchers-for-the-work-they-do
- Carneiro, C. F. D., Queiroz, V. G. S., Moulin, T. C., Carvalho, C. A. M., Haas, C. B., Rayee, D., ...Amaral, O. B. (2019). Comparing quality of reporting between preprints and peer-reviewed articles in the biomedical literature. *bioRxiv*, 581892, 1-10. https://doi.org/10.1101/581892
- DORA. (n.d.). Improving how research is assessed. Retrieved from https://sfdora.org/
- Hatch, A., Kiermer, V., Pulverer, B., Shugart, E., & Curry, S. (2019). Research Assessment: Reducing bias in the evaluation of researchers A workshop run by DORA identified a number of ways to reduce bias in hiring and funding decisions. Retrieved from https://elifesciences.org/inside-elife/1fd1018c/research-assessment-reducing-bias-in-the-evaluation-of-researchers
- Johns Hopkins University Bloomberg School of Public Health, & Welch Medical Library. (2019). The role of preprints in the scholarly ecosystem. [Video file]. Retrieved from https://www.youtube.com/watch?v=r-PRdDu7ao4&t=3s
- McConnell, S. C., Westerman, E. L., Pierre, J. F., Heckler, E. J., & Schwartz, N. B. (2018). Research: United States National Postdoc Survey results and the interaction of gender, career choice and mentor impact. *eLIFE*, 7:e40189. https://doi.org/10.7554/eLife.40189.001
- McDowell, G. S., Knutsen, J., Graham, J., Oelker, S. K., & Lijek, R. S. (2019). Co-reviewing and ghostwriting by early career researchers in the peer review of manuscripts. bioRxiv, 617373, 1-89. http://dx.doi.org/10.1101/617373
- Pickett, M. (2019). I want what my male colleague has, and that will cost a few million dollars. *The New York Times Magazine*. Retrieved from https://www.nytimes.com/2019/04/18/magazine/salk-institute-discrimination-science.html
- Polka, J. K., Kiley, R., Konforti, B., Stern, B., & Vale, R. D. (2018). Publish peer reviews. *Nature*, 560, 545-547. Retrieved from https://www.nature.com/articles/d41586-018-06032-w
- Sarabipour, S., Debat, H. J., Emmott, E., Burgess, S. J., Schwessinger, B., & Hensel, Z. (2019). On the value of preprints: An early career researcher perspective. *PLOS Biology, 17*(20), 1-12. https://doi.org/10.1371/journal.pbio.3000151

- Schwessinger, B. (2019, April 8). The future is now: Preprints improve scholarly communication (Version 1). [figshare]. doi:10.6084/m9.figshare.7964783.v1
- Sullivan, I., DeHaven, A., & Mellor, D. (2019). Open and reproducible research on open science framework. Current Protocols Essential Laboratory Techniques, 18, e32, 1-24. https://doi.org/10.1002/cpet.32
- Vale, R. D. (2015). Accelerating scientific publication in biology. *PNAS*, *112*(44), 13439–13446. https://doi.org/10.1073/pnas.1511912112

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