

Preethi Govindarajan

Science Writer & Project Manager

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Employment

<i>Freelance Researcher</i>	July 2021 - ~
<i>CivicDataLab Pvt Ltd, Project Lead & Public Health Researcher</i>	Dec 2019 - July 2021
<i>Novo Nordisk - Medical Affairs, Global Project Manager</i>	March 2017 - July 2018
<i>GlaxoSmithKline - Vaccines, Senior Associate Publication Writer</i>	June 2013 - February 2017

Education

<i>Johns Hopkins Institute of Public Health, Specialization in Data Science</i>	May 2019 – January 2020
<i>Indian Institute of Science, Research Fellow</i>	January 2012 - March 2013
<i>University College Dublin, Research Associate</i>	August 2008 - January 2012
<i>Sri Ramachandra Medical University, M.Sc</i>	March 2006 - July 2008
<i>Stella Maris College - Madras University, B.Sc</i>	March 2003 - March 2006

Skills

Languages: R, Python (Beautiful Soup)

Tools: R Studio, Apache Superset, Jupyter, DataVision, SAS, SPSS, Excel, Git, GitHub

Journal Articles

Hill. Emmeline W., Jingjing Gu, Suzanne S. Eivers, Fonseca Rita et al. "A sequence polymorphism in MSTN predicts sprinting ability and racing stamina in thoroughbred horses. " (2010). PloS One 5, no. 1: e8645

Orr, N & Hill, E & Gu, J, Govindarajan P et al. "Genome-wide association study of osteochondrosis in the tarsocrural joint of Dutch Warmblood horses identifies susceptibility loci on chromosomes 3 and 10." (2012). Animal genetics. 44. 10.1111/age.12016.

Orr N, Back Willem, Gu J, Leegwater et al. "Genome-wide SNP association-based localization of a dwarfism gene in Friesian dwarf horses." (2010). Animal genetics. 41 Suppl 2. 2-7. 10.1111/j.1365-2052.02091.x.

Other Publications

The State of Free and Open Source Software in India. A Report published by Omidyaar Network. <https://state-of-foss.in/>

Vipassana for Hackers - The Brain. Self published. <https://www.vipassana-for-hackers.org/>

Isolation and In-vivo expansion of human amniotic derived multipotent cells - M.Sc Dissertation

Analysis of cytogenetic damage in normal human embryonic kidney cell line (HEK) treated with Hoechst 33342 and gamma radiation - Institute of Nuclear Medicine and Allied Sciences

Appendix

Employment Details

CIVICDATA LAB

- Led a team working with public procurement data
- Analysed and visualized public spending data & public health to create the public health procurement explorer
- First Prize - Taiwanese Presidential Hackathon for innovative uses of open data
- Successfully advocated for public procurement policy changes within Assam (and the use of the procurement explorer)
- Wrote four grants to continue public procurement efforts in the company and won three of them
- Wrote policy responses to the new Indian Judiciary digitization guidelines which are being reviewed by the committee that wrote the paper.
- Published the state of FOSS report and successfully conducted panels with the National Informatics Centre (IT arm of Government of India) to advocate for FOSS use in governance
- Ran social media campaigns around public finance and the Indian budget

NOVO NORDISK

- Built the first medical communications team in the company and processes for the team
- Planned and executed Global Scientific Advisory Boards, Symposia, Seminars, and Investigator Sponsored Studies meetings including content management
- Successfully engaged Key Opinion Leaders across the world for IDEgLira and IDEgAsp

GLAXOSMITHKLINE

- Published over 15 manuscripts, abstracts, presentations, and posters in accordance with journal and ICMJE guidelines
- Developed, implemented and monitored “Good Authoring Practices” within GSK Biologicals in accordance with global guidelines (CONSORT, STROBE, etc).
- Trained writers and managers around writing in the sciences
- Managed the entire lifecycle of the publication

Examples - Scientific Writing

Martinez AC, Cueva IS, Boutet P, et al. “A phase 1, open-label safety and immunogenicity study of an AS03-adjuvanted trivalent inactivated influenza vaccine in children aged 6 to 35 months.” (2014). *Human Vaccines & Immunotherapeutics*, 10:7, 1959-1968, DOI: 10.4161/hv.28743

Wutzler P, Bonanni P, Burgess M, et al. “Varicella vaccination - the global experience.” (2017). *Expert Review of Vaccines*. 16:8, 833-843, DOI: 10.1080/14760584.2017.1343669

Willame C, Henry O, Lan Lin, et al. “Pain caused by measles, mumps, and rubella vaccines: A systematic literature review”, (2017), *Vaccine*, Volume 35, Issue 42, Pages 5551-5558, ISSN 0264-410X

Prymula R, Simko R, Povey M, et al. “Varicella vaccine without human serum albumin versus licensed varicella vaccine in children during the second year of life: a randomized, double-blind, non-inferiority trial”. (2016) *BMC Pediatr* 16, 7.

Tafalla M, Gardovska D, Gopala K, et al. “Primary care-based surveillance to estimate the proportion of rotavirus gastroenteritis among Latvian children below 5 years of age with acute gastroenteritis.” (2019). *Human Vaccines & Immunotherapeutics*, 15:6, 1272-1278, DOI: 10.1080/21645515.2018.1534515

AlObaid A, Al-Badawi, IA, Al-Kadri H. et al. *"Human papillomavirus prevalence and type distribution among women attending routine gynecological examinations in Saudi Arabia."* (2014). BMC Infect Dis 14, 643.

Moses A, Bjerrum J, Hach M, et al. *"Concentrations of Intact Insulin Concurs With FDA and EMA Standards When Measured by HPLC in Different Parts of the Distribution Cold Chain."* (2019). J Diabetes Sci Technol. 13(1):55-59.

References

Available upon request. Please send corrections, feedback to preethi@deobald.ca