



Jaskeerat Singh

Position: Adjunct Professor

Department: Physics

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Courses Taught

Temple College

- Physics 2

University of Houston Clear Lake

- Physics 1
- Physics 2
- Stars and the Universe
- Planets and the solar system

Education

- **PhD in Physics**, University of North Texas (2025)
- **M.S. in Physics**, University of Houston Clear Lake (2022)
- **B.S. in Physics**, University of Houston Clear Lake (2020)
- **Associate in Science**, Houston Community College (2017)

Teaching Experience

- **University of North Texas**, Denton, Texas, Teaching Fellow, 2022-2025
- **University of Houston Clear Lake**, Houston, Texas, Teaching Assistant, 2020-2022

Professional Experience

- **Teaching Fellow**, 2022-2025
- **Teaching Assistant**, 2020-2022
- **United States Navy**, 2006-2011

Professional Publications

- Masood, S., & Singh, J. (2022). *Precise calculations of nucleosynthesis parameters and electron self-mass*. *arXiv preprint arXiv:2208.04896*. <https://doi.org/10.48550/arXiv.2208.04896>
- Singh, J. (2022). *Beta decay and nucleosynthesis* (Master's thesis, University of Houston–Clear Lake, Houston, TX).
- Muir, C., Singh, J., Shah, Y., Bologna, M., & Grigolini, P. (2024). Influence of an environment changing in time on crucial events: From geophysics to biology. *Chaos, Solitons & Fractals*, 188, 115522. <https://doi.org/10.1016/j.chaos.2024.115522>
- Masood, S., & Singh, J. (2025). Thermal contributions to primordial nucleosynthesis. *International Journal of Modern Physics A*, 40(16), 2550043–2550290. <https://doi.org/10.1142/S0217751X2550043>

Campus/Campuses

- Temple College Main Campus