

Stanford



Griffin Glenn

Ph.D. Student in Applied Physics, admitted Autumn 2019

 Curriculum Vitae available Online

Bio

BIO

I am a PhD student in the Stanford Department of Applied Physics. My research, conducted in the SLAC National Accelerator Laboratory High Energy Density Science Division, focuses on developing sources of laser-driven ion and neutron beams using cryogenic liquid jet targets developed by our group.

HONORS AND AWARDS

- DOE NNSA Stewardship Science Graduate Fellowship, US DOE National Nuclear Security Administration (2020-2024)
- NSF Graduate Research Fellowship, National Science Foundation (2019-2020)
- Dean's Honored Graduate, College of Natural Sciences, The University of Texas at Austin (2019)
- Highest Academic Achievement Award, Department of Physics, The University of Texas at Austin (2019)
- Mitchell Award for Undergraduate Academic Excellence, University Co-op, The University of Texas at Austin (2019)
- Barry Goldwater Scholarship, Barry Goldwater Scholarship and Excellence in Education Foundation (2018)

EDUCATION AND CERTIFICATIONS

- BS, The University of Texas at Austin , Physics Honors (2019)
- BA, The University of Texas at Austin , Plan II Honors (2019)

Publications

PUBLICATIONS

- **Improved large-energy-range magnetic electron-positron spectrometer for experiments with the Texas Petawatt Laser** *JOURNAL OF INSTRUMENTATION*
Glenn, G. D., Tiwari, G., Dyer, G., Curry, C. B., Donovan, M. E., Gaul, E., Gauthier, M., Glenzer, S. H., Gordon, J., Hegelich, B. M., Martinez, M., McCary, E., Spinks, et al
2019; 14
- **Optimization of radiochromic film stacks to diagnose high-flux laser-accelerated proton beams** *REVIEW OF SCIENTIFIC INSTRUMENTS*
Curry, C. B., Dunning, C. S., Gauthier, M., Chou, H. J., Fiuza, F., Glenn, G. D., Tsui, Y. Y., Bazalova-Carter, M., Glenzer, S. H.
2020; 91 (9): 093303
- **Beam distortion effects upon focusing an ultrashort petawatt laser pulse to greater than 10(22) W/cm(2)** *OPTICS LETTERS*
Tiwari, G., Gaul, E., Martinez, M., Dyer, G., Gordon, J., Spinks, M., Toncian, T., Bowers, B., Jiao, X., Kupfer, R., Lisi, L., McCary, E., Roycroft, et al
2019; 44 (11): 2764–67