



Nolan Peard

Ph.D. Student in Applied Physics, admitted Autumn 2020

Bio

BIO

Nolan is currently a PhD candidate in the Schleier-Smith Lab in the Department of Physics. He specializes in atomic, molecular, and optical (AMO) physics, chemical physics, and materials science with a developing interest in bioengineering. Beyond his research career, Nolan is an accomplished cellist and is interested in climbing, reading, and nature.

HONORS AND AWARDS

- Hertz Fellow, The Fannie and John Hertz Foundation (2020)

EDUCATION AND CERTIFICATIONS

- Bachelor of Science, Massachusetts Institute of Technology , Physics (2020)
- Bachelor of Science, Massachusetts Institute of Technology , Music (2020)

Publications

PUBLICATIONS

- **Faraday effect in polycrystalline Mn-doped InSb for LWIR applications** *OPTICAL MATERIALS EXPRESS*
Sharma, R., Perkinson, J. C., Peard, N., LeBlanc, J., Patel, N., Callahan, D., Wang, C. Y., Gaume, R., Richardson, K. A.
2021; 11 (8): 2618-2626
- **Magneto-optical properties of InSb for infrared spectral filtering** *JOURNAL OF APPLIED PHYSICS*
Peard, N., Callahan, D., Perkinson, J. C., Du, Q., Patel, N. S., Fakhrol, T., LeBlanc, J., Ross, C. A., Hu, J., Wang, C. Y.
2021; 129 (20)