Dr. Nathan D. Satchell

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College of Science & Engineering
Physics
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Institutions of Higher Education Attended

PHD, University of Leeds.

BS, University of Leeds.

MS, University of Leeds.

Previous Teaching Positions

Assistant Professor, Texas State University. (September 2023 - Present).

Research Fellow, University of Leeds. (June 2021 - July 2023).

Marie Skłodowska-Curie Global Fellow, University of Leeds. (June 2019 - May 2020).

Marie Skłodowska-Curie Global Fellow, Michigan State University. (June 2017 - May 2019).

Post Doctoral Research Assistant, ISIS Neutron and Muon Source. (April 2016 - May 2017).

Significant Professional Works

Refereed Journal Articles

Khanal, B., Mock, S. K., Bag, N., Hasan, M. M., Austin-Bingamon, N. L., Miyahara, Y., Satchell, N. D. (2026). Magnetism in Pt/Co/Cu multilayers: Dependence on Co thickness and the influence of additional superconducting Nb layers. *Materials Research Express, 13*, 026101.

Sedai, P., Sapkota, A., Avery, A., Perez, K., Klaes, R. M., Loloee, R., Satchell, N. D. (2026). Optimization of polycrystalline sputtered niobium thin films: The role of substrate and growth pressure. *Thin Solid Films, 834*, 140855.

Robbins, K. B., Sedai, P., Howzen, A. J., Klaes, R. M., Loloee, R., Birge, N. O., Satchell, N. D. (2025). Upper critical fields in normal metal–superconductor–normal metal trilayers. *Scientific Reports, 15*, 13076.

Birge, N. O., Satchell, N. D. (2024). Ferromagnetic Materials for Josephson π Junctions. *APL Materials, 12*.