

Stanford

Peter Asenbaum

Phys Sci Res Assoc, Physics

Bio

ACADEMIC APPOINTMENTS

- Phys Sci Res Assoc, Physics

Publications

PUBLICATIONS

- **Atom-Interferometric Test of the Equivalence Principle at the 10^{-12} Level.** *Physical review letters*
Asenbaum, P. n., Overstreet, C. n., Kim, M. n., Curti, J. n., Kasevich, M. A.
2020; 125 (19): 191101
- **Effective Inertial Frame in an Atom Interferometric Test of the Equivalence Principle** *PHYSICAL REVIEW LETTERS*
Overstreet, C., Asenbaum, P., Kovachy, T., Notermans, R., Hogan, J. M., Kasevich, M. A.
2018; 120 (18): 183604
- **Phase Shift in an Atom Interferometer due to Spacetime Curvature across its Wave Function** *PHYSICAL REVIEW LETTERS*
Asenbaum, P., Overstreet, C., Kovachy, T., Brown, D. D., Hogan, J. M., Kasevich, M. A.
2017; 118 (18)
- **Quantum superposition at the half-metre scale** *NATURE*
Kovachy, T., Asenbaum, P., Overstreet, C., Donnelly, C. A., Dickerson, S. M., Sugarbaker, A., Hogan, J. M., Kasevich, M. A.
2015; 528 (7583): 530-?