NSF BIOGRAPHICAL SKETCH

NAME: Roberts, Amy

ORCID: 0000-0001-8538-9155

POSITION TITLE & INSTITUTION: Assistant Professor, University of Colorado Denver

(a) PROFESSIONAL PREPARATION -(see PAPPG Chapter II.C.2.f.(a))

INSTITUTION	LOCATION	MAJOR / AREA OF STUDY	DEGREE (if applicable)	YEAR YYYY
University of Notre Dame	Notre Dame, IN	Physics	Ph.D.	2013
Stony Brook University	Stony Brook, NY	Physics, Mathematics	B.S.	2004

(b) APPOINTMENTS -(see PAPPG Chapter II.C.2.f.(b))

2018 - present Assistant Professor, University of Colorado Denver, Physics, Denver, CO

2014 - 2018 Postdoctoral researcher, University of South Dakota, Physics, Vermillion, SD

2013 - 2014 Postdoctoral researcher, Los Alamos National Laboratory, Sub-atomic Physics, Los Alamos, NM

(c) PRODUCTS -(see PAPPG Chapter II.C.2.f.(c))

Products Most Closely Related to the Proposed Project

1. Agnese R, et al. Production rate measurement of Tritium and other cosmogenic isotopes in Germanium with CDMSlite. Astroparticle Physics. 2019 January; 104:1-12. Available from: https://linkinghub.elsevier.com/retrieve/pii/S0927650518301774 DOI: 10.1016/j.astropartphys.2018.08.006
2. Aralis T, et al. Constraints on dark photons and axionlike particles from the SuperCDMS Soudan experiment. Physical Review D. 2020; 101(5):-. Available from: https://link.aps.org/doi/10.1103/PhysRevD.101.052008 DOI: 10.1103/PhysRevD.101.052008
3. Agnese R, et al. Projected sensitivity of the SuperCDMS SNOLAB experiment. Physical Review D. 2017; 95(8):-. Available from: http://link.aps.org/doi/10.1103/PhysRevD.95.082002 DOI: 10.1103/PhysRevD.95.082002
4. Agnese R, et al. Search for low-mass dark matter with CDMSlite using a profile likelihood fit. Physical Review D. 2019; 99(6):-. Available from: https://link.aps.org/doi/10.1103/PhysRevD.99.062001 DOI: 10.1103/PhysRevD.99.062001
5. Amaral D, et al. Constraints on low-mass, relic dark matter candidates from a surface-operated SuperCDMS single-charge sensitive detector. Physical Review D. 2020 November 13; 102(9):-. Available from: https://link.aps.org/doi/10.1103/PhysRevD.102.091101 DOI: 10.1103/PhysRevD.102.091101

Other Significant Products, Whether or Not Related to the Proposed Project

(d) SYNERGISTIC ACTIVITIES -(see PAPPG Chapter II.C.2.f.(d))

1. Editor, Journal of Open Source Science
2. Co-convener, SNOWMASS Computational Frontier (End-User Analysis)
3. XSEDE Campus Champion
4. SuperCDMS Software Working Group Chair
5. SuperCDMS-SNOLAB Data Quality Technical Coordinator