

Abstract Submitted
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From Undergraduate UCNs: my CEU-launched neutron career
MARIE BLATNIK, Caltech — The CEU changed my life, introducing me to the Ultracold Neutron (UCN) experiments that brought me to Caltech as a UCN collaborator at Los Alamos and Oak Ridge National Labs. This story includes undergraduate-level overviews of UCN production, the Los Alamos Neutron Science Center beta decay correlation experiments, and the Oak Ridge Spallation Neutron Source nEDM (neutron Electric Dipole Moment) experiment. Progress with Metglas shielding and Cavello multiplier high voltage apparatus development for the nEDM apparatus development will also be presented.

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