

## DOE Isotope Program FY 2019 - List of Awards

PI	Institution	Project Title
<b>DE-FOA-0001896 Research, Development and Training in Isotope Production</b>		
Kozimor, Stosh	Los Alamos National Laboratory (LANL), Los Alamos, NM	Developing an Sb-119 Generator
Vermeulen, Etienne	Los Alamos National Laboratory (LANL), Los Alamos, NM	Innovative approaches to understanding high heat flux cooling and channel boiling: Advancing isotope production target operation up to 350 uA.
Engle, Jonathan	Board of Regents of the University of Wisconsin System, operating as University of Wisconsin-Madison, Madison, WI	Production of Radioisotopes of Scandium for Imaging and Therapy
Lapi, Suzanne	University of Alabama Birmingham, Birmingham, AL	Production of Radioisotopes of Scandium for Imaging and Therapy
Rotsch, David	Argonne National Laboratory (ANL), Lemont, IL	Production of Radioscandium for Imaging and Therapy
Brown, Michael	Argonne National Laboratory (ANL), Lemont, IL	Developing Inorganic Resins for Radium/Actinium-225 Generators and Purifications
Mirzadeh, Saed	Oak Ridge National Laboratory (ORNL), Oak Ridge, TN	Novel Methods for Th-229 Production through Fast Neutron Irradiation of Th-230 and Charged Particle Irradiation of Th-230 and Th-232
Heilbronn, Lawrence	The University of Tennessee, Knoxville, TN	Novel Methods for Th-229 Production through Fast Neutron Irradiation of Th-230 and Charged Particle Irradiation of Th-230 and Th-232
Bernstein, Lee	Lawrence Berkeley National Laboratory (LBNL), Berkeley, CA	Novel Methods for Th-229 Production through Fast Neutron Irradiation of Th-230 and Charged Particle Irradiation of Th-230 and Th-232
Jurisson, Silvia	The Curators of the University of Missouri, Columbia, MO	Production of High Specific Activity <sup>72</sup> Se/ <sup>72</sup> As, <sup>117m</sup> Sn and <sup>203</sup> Pb for Research and Clinical Applications: Effective target design, recycling of target material and radioisotope separation
Cutler, Cathy	Brookhaven National Laboratory (BNL), Upton, NY	Production of High Specific Activity <sup>72</sup> Se/ <sup>72</sup> As, <sup>117m</sup> Sn and <sup>203</sup> Pb for Research and Clinical Applications: Effective target design, recycling of target material and radioisotope separation
Shusterman, Jennifer	Research Foundation of The City University of New York d/b/a RFCUNY - Hunter College, New York, NY	Development of Solid Isotope Harvesting Methods in Preparation for FRIB
Scielzo, Nicholas	Lawrence Livermore National Laboratory (LLNL), Livermore, CA	Development of Solid Isotope Harvesting Methods in Preparation for FRIB

### DOE Isotope Program FY 2019 - List of Awards

PI	Institution	Project Title
<b>DE-FOA-0001982 Investigations and Novel Approaches in Isotope Science and Production at U.S. Universities</b>		
Zalutsky, Michael	Duke University, Durham, NC	Enhancing Radionuclide Production Capabilities at the Duke University Medical Center Cyclotron with a Focus on Astatine-211
Prebys, Eric	Regents of the University of California, Davis, Davis, CA	Development of <sup>211</sup> At Production at Crocker Nuclear Laboratory