

ASCR Artificial Intelligence Research Awards FY 2019

PI Name	Project Title	Institution	Address
Roberto Gioiosa	Co-design of Reconfigurable Accelerators for Sparse, Irregular Computations Underlying Machine Learning and Graph Analysis	Pacific Northwest National Laboratory	902 Battelle Blvd, Richland, WA 99354-1793
Sivasankaran Rajamanickam	Co-design of Reconfigurable Accelerators for Sparse, Irregular Computations Underlying Machine Learning and Graph Analysis	Sandia National Laboratory	P.O. Box 5800, MS 1320 Albuquerque, NM 87185-1320
Tushar Krishna	Co-design of Reconfigurable Accelerators for Sparse, Irregular Computations Underlying Machine Learning and Graph Analysis	Georgia Institute of Technology	266 Ferst Drive, Atlanta, GA 30332-0002
Jim Brase	Co-design of Advanced Artificial Intelligence (AI) Systems for Predicting Behavior of Complex Systems Using Multimodal Datasets	Lawrence Livermore National Laboratory	7000 East Avenue, Livermore, CA 94550-9698
Rick Stevens	Co-design of Advanced Artificial Intelligence (AI) Systems for Predicting Behavior of Complex Systems Using Multimodal Datasets	Argonne National Laboratory	9700 South Cass Avenue, Lemont, IL 60439-4801
Kristofer Bouchard	Co-design of Advanced Artificial Intelligence (AI) Systems for Predicting Behavior of Complex Systems Using Multimodal Datasets	Lawrence Berkeley National Laboratory	717 Potter St, Berkeley, CA, 94710-2722
Geoffrey Manley	Co-design of Advanced Artificial Intelligence (AI) Systems for Predicting Behavior of Complex Systems Using Multimodal Datasets	University of California, San Francisco	513 Parnassus Ave, San Francisco, CA 94143-0410
Guannan Zhang	A Stochastic Optimal Control Framework for Quantifying and Reducing Uncertainties in Deep Learning	Oak Ridge National Laboratory	One Bethel Valley Road, Oak Ridge, TN 37821-6211
Jayaraman J. Thiagarajan	Uncertainty Quantification for Scientific Machine Learning	Lawrence Livermore National Laboratory	7000 East Avenue, Livermore, CA 94550-9698
Alex Gorodetsky	Bayesian Tensor Decompositions for Scalable Supervised Learning of Scientific Data	Regents of the University of Michigan	3003 S. State Street, Ann Arbor, MI 48109-1274