

Rose Hills Awards				
Year	Type	Proposal Title	PI	School
2014	New	Can increased use of urban vegetation and “cool” roofs and pavements counter the effects of future climate change while simultaneously improving air quality in Los Angeles?	George Ban-Weiss	Viterbi School of Engineering
2014	New	Comprehensive dissection of example higher-order genetic interactions	Ian Ehrenreich	Dornsife College of Letters, Arts and Sciences
2014	New	Novel mechanisms of heterochromatic DNA repair and genome stability	Irene Chiolo	Dornsife College of Letters, Arts and Sciences
2014	New	Dynamics of Electron and Proton Motion in Artificial Photosynthesis	Jahan Dawlaty	Dornsife College of Letters, Arts and Sciences
2014	New	Manipulation of the Microbiome to Prevent Colorectal Cancer	R. William DePaolo	Keck School of Medicine
2015	New	Optogenetic approaches to understanding and restoring touch sensation	Andrew Hires	Dornsife College of Letters, Arts and Sciences
2015	New	Small organisms with a large climate footprint: the impact of marine nitrogen and sulfur cycling on the global climate	Naomi Levine	Dornsife College of Letters, Arts and Sciences
2015	New	Defining the role of genomic instability in basal-like breast cancer metabolism	Nicholas Graham	Viterbi School of Engineering
2015	New	Computational Model to Identify Novel Therapeutic Targets that Inhibit the Metabolism of Pancreatic Cancer	Stacey Finley	Viterbi School of Engineering
2015	Renewed	Can increased use of urban vegetation and “cool” roofs and pavements counter the effects of future climate change while simultaneously improving air quality in Los Angeles?	George Ban-Weiss	Viterbi School of Engineering
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2017	New	Coupled Geomechanical Modeling of Modulation in Mid-Crustal Seismicity in Nepal Himalaya Induced by Seasonal Hydrological Loading	Birendra Jha	Viterbi School of Engineering
2017	New	Protection of Oligodendrocytes by Mas Receptor signaling in models of Multiple Sclerosis	Eve Kelland	Keck School of Medicine of USC
2017	New	Molecular regulation of epicardial cell fate transition in cardiac injury repair	Jian Xu	Ostrow School of Dentistry

2017	New	Expanding hematopoietic stem cells with artificial niche stromal cells	Keyue Shen	Viterbi School of Engineering
2017	New	Engineering a Human Skeletal Muscle Model of Duchenne Muscular Dystrophy	Megan McCain	Viterbi School of Engineering
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2018	Renewed	Engineering a Human Skeletal Muscle Model of Duchenne Muscular Dystrophy	Megan McCain	Viterbi School of Engineering
2019	New	Sex-dimorphic mechanisms in the regulation of inflammation during mammalian aging	Berenice Benayoun	Davis School of Gerontology
2019	New	Air pollution exposure and neurocognition in young adults from the Children's Health Study	Megan Herting	Keck School of Medicine of USC
2019	New	Transformation of Stimulant Drugs to Genotoxic Byproducts during Water Reuse and Implications for Public Health in Southern California	Daniel McCurry	Viterbi School of Engineering
2019	New	Alcohol and Host Microbiome Interactions in Alcohol Consumption Behavior	Liana Asatryan	School of Pharmacy
2019	New	The role of plasticity in adaptation to novel environments	Carly Kenkel	Dornsife College of Letters, Arts & Sciences

*no call for 2016. Only renewals were granted.