

2012 N.L. Tartar Fellowship Award Listing

Ninety-two applications were submitted for consideration for this grant cycle. Thirty-six applications, totaling \$72,000, were awarded by the N.L. Tartar Trust.

Grants approved for this grant period:

<u>Awardee:</u>	<u>Amount:</u>
Christine Ackerman Post-doc Fellow, Medicine, Division of Cardiovascular Medicine <i>Functional analysis of collagen VI mutations and their contribution to atrioventricular septal defect in Down syndrome</i>	\$2,000
Brittany Arnold Medical Student, Surgery <i>A novel tool to predict anastomotic leak after bowel resection for cancer</i>	\$2,000
Amir Azarbal Assistant Professor, Surgery <i>Effect of high dose vitamin C on matrix metalloproteinase levels in smokers</i>	\$2,000
Sandra Baker Graduate Student, Biomedical Engineering <i>Participation in the Scientific and Standardization Committee meeting at ISTH</i>	\$2,000
Marvin Bentley Post-doc Researcher, Neurology <i>Kinesin-3 family motor proteins mediate selective dendritic transport in hippocampal neurons</i>	\$2,000
Bonnie Bolkan Post-doc Researcher, Center for Research on Occupational and Environmental Toxicology <i>Characterization of the mechanism of seizures caused by modulation of dBACE levels in drosophila...</i>	\$2,000
Laura Bradley Medical Student, OHSU Knight Cancer Institute <i>The role of cytokine and growth factor receptors in the pathogenesis of acute myeloid leukemia (AML)</i>	\$2,000
Ilya Buldyrev Research Associate, Ophthalmology <i>A novel method for determining the role of inhibition in visual processing</i>	\$2,000
Heather Carpentier Resident, Pediatrics <i>Pulse oximetry screening in newborns to detect critical congenital heart disease</i>	\$2,000

Julie Doberne MD/PhD Student, Surgery <i>In utero heart valve and great vessel development in an ovine model</i>	\$2,000
Johannes Elferich Graduate Student, Biochemistry & Molecular Biology <i>PH-sensing mechanism of furin</i>	\$2,000
Stephanie Gantz Graduate Student, Neuroscience <i>Miniature D2 receptor-mediated inhibitory post-synaptic currents in mouse substantia nigra</i>	\$2,000
Carolina Glogowski Graduate Student, Neuroscience <i>Synaptic physiology of unipolar brush cells</i>	\$2,000
Noah Hornick MD/PhD Student, OHSU Knight Cancer Institute <i>Immune evasion in AML via exosome transfer of miRNA</i>	\$2,000
Hai Huang Research Associate, Oregon Hearing Research Center <i>Function of KCNQ potassium channels in the presynaptic terminals</i>	\$2,000
Barbara Hunnicutt Graduate Student, Neuroscience <i>Functional integration of thalamic and cortical inputs in the mouse striatum</i>	\$2,000
Nathan Klett Graduate Student, Neuroscience <i>Chloride regulation in the neurons of the suprachiasmatic nucleus</i>	\$2,000
Brian Long Post-doc Researcher, Vollum Institute <i>Elucidating neuronal PKA dynamics with superresolution microscopy</i>	\$2,000
Hsin-Wei Lu Graduate Student, Neuroscience <i>Regulation of synaptic plasticity in an inhibitory circuit of the mouse auditory system</i>	\$2,000
Jessica Martin Graduate Student, Biochemistry & Molecular Biology <i>Elucidation of post-translational stabilization mechanisms in the human pathogen Leishmania</i>	\$2,000
Kasim Mirza Medical Student, Biomedical Engineering <i>Thrombogenic characterization of induced pluripotent stem cell derived endothelial grants under ...</i>	\$2,000

Travis Moschak Graduate Student, Behavioral Neuroscience <i>The efficacy of the ethanol-binding protein LUSH to block ethanol-induced changes in behavior and cell firing</i>	\$2,000
Renee Prins Fellow, OHSU Knight Cancer Institute <i>A phase 1 clinical trial of GS-1101 plus CX-4945</i>	\$2,000
Maria Purice Graduate Student, Neuroscience <i>Age-related decline in glial immune activity</i>	\$2,000
Monique Rennie Post-doc Fellow, Heart Research Center <i>2 photon microscopy imaging of the developing chick heart: A pilot study</i>	\$2,000
Heidi Rivera Post-doc Researcher, Oregon National Primate Research Center <i>Ovarian steroids increase neuroplasticity in the dorsal raphe</i>	\$2,000
Christopher Schafer Graduate Student, Biochemistry & Molecular Biology <i>Conformational changes in rhodopsin due to retinal entry and binding</i>	\$2,000
Matthew Stump Post-doc Fellow, Medicine, Division of Cardiovascular Medicine <i>Silencing dominant-negative effects associated with long QT syndrome</i>	\$2,000
Branden Tarlow MD/PhD Student, Cell & Developmental Biology <i>Directed differentiation of liver progenitor cells with hepatocyte-enriched microRNAs</i>	\$2,000
Angela Tatum Post-doc Fellow, Molecular Microbiology & Immunology <i>Cytomegalovirus as a cancer vaccine vector</i>	\$2,000
Shane Tillo Graduate Student, Vollum Institute <i>Mechanisms governing the compartmentalization of activated PKA</i>	\$2,000
Biliana Veleva Graduate Student, Pediatrics <i>Live imaging of neural stem cell proliferation</i>	\$2,000
Danielle Williamson MD/PhD Student, Biochemistry & Molecular Biology <i>Determinants of pH dependant activation of proprotein convertase 1</i>	\$2,000

Clayton Winkler Graduate Student, Oregon National Primate Research Center <i>HA oligosaccharides signal through TLRs on CNS endothelial cells to promote T cell extravasation</i>	\$2,000
Damian Zuloaga Post-doc Fellow, Behavioral Neuroscience <i>The effects of methamphetamine during development on hypothalamic pituitary adrenal axis function</i>	\$2,000
Kristen Zuloaga Post-doc Fellow, Anesthesiology & Perioperative Medicine <i>Role of aromatase in sex-specific cerebrovascular dysfunction after cerebral ischemia</i>	\$2,000