

2011 N.L. Tartar Fellowship Award Application Listing

Research into the use of human hepatocytes in treating liver disease, the effects of vitamin D balance in Parkinson's disease and the developmental origins of bone marrow failure in Fanconi anemia were just some of the 2011 projects funded by the N.L. Tartar Trust.

The 41 Fellowships, which are offered annually by the OHSU Foundation, provide \$2,000 to support research endeavors and research career development in the School of Medicine. Ninety-six applications were submitted for consideration for this grant cycle. Forty-one applications, totaling \$82,000, were awarded by the N.L. Tarter Trust.

Applications approved for this grant period:

<u>Awardee:</u>	<u>Amount:</u>
Allison Anacker Graduate Student, Behavioral Neuroscience <i>"Analysis of peer influences on alcohol drinking in prairie voles"</i>	\$2,000.00
Katelyn Atkins Graduate Student, Cell & Developmental Biology <i>"The role of PACS-2 in radiation-induced cell damage"</i>	\$2,000.00
Amanda Barkley-Levenson Graduate Student, Behavioral Neuroscience <i>"Characterization of the binge drinking-like phenotype of a mouse line selectively bred for drinking that results in a high blood alcohol level"</i>	\$2,000.00
Cindy Chin Fellow, Peds Endocrinology <i>"Maternal diet and fatty acid/liver profiles in babies"</i>	\$2,000.00
Delia Chiu Graduate Student, Neuroscience <i>"Structural correlates of long-term potentiation in Schaffer collateral boutons"</i>	\$2,000.00
Stacey Clegg Fellow, MedicineCardiology <i>"A novel human model of Danon disease reveals mechanism behind impaired autophagy"</i>	\$2,000.00
Keith DesRochers Medical Student, Neurological Surgery <i>"Elucidating cholecystokinin pathways to the rostral ventromedial medulla"</i>	\$2,000.00
Catherine Drerup Fellow, Cell & Developmental Biology <i>"Genetic dissection of the mechanisms of axon transport during vertebrate embryonic development"</i>	\$2,000.00
Noah Gubner Graduate Student, Behavioral Neuroscience <i>"Effects of varenicline on ethanol reward and neuroadaptation"</i>	\$2,000.00
Sarah Hackenmuller Graduate Student, Physiology & Pharmacology <i>"Chemical and biological studies of thyroid hormone metabolites"</i>	\$2,000.00

Molly Harding Graduate Student, Cell & Developmental Biology <i>“Ras-MAPK dependent patterning of the posterior lateral line in zebrafish”</i>	\$2,000.00
Josh Harkness Graduate Student, Behavioral Neuroscience <i>“Travel and participation at ‘Causal Neuroscience: Interacting with Neural Cells’ Course”</i>	\$2,000.00
Raymond Hickey Graduate Student, Molecular Medical Genetics <i>“Expansion of human hepatocytes for the treatment of liver disease”</i>	\$2,000.00
Mahnaz Janghorban Graduate Student, Molecular Medical Genetics <i>“Generating a B56a null mouse and a mouse model of Myc-driven breast cancer”</i>	\$2,000.00
Leonel Kahn Medical Student, Radiation Medicine <i>“Variation of organ at risk dose due to daily bladder and rectal filling during prostate intensity-modulated radiotherapy: A cone-beam CT study”</i>	\$2,000.00
Ashley Kamimae-Lanning Graduate Student, Cell & Developmental Biology <i>“Developmental origins of bone marrow failure in Fanconi anemia”</i>	\$2,000.00
Josh Kaplan Resident, Behavioral Neuroscience <i>“Identifying the role of GABAergic inhibition of cerebellar granule cells on risk for alcohol abuse”</i>	\$2,000.00
Meanhwan Kim Postdoctoral Researcher, Vollum Institute <i>“Synaptic gain change by postsynaptic plasticity in the early visual system”</i>	\$2,000.00
Merryl Lobo Graduate Student, Biomedical Engineering <i>“Enhancement of anti-angiogenic therapeutics through HDAC inhibition in intracranial mouse glioma”</i>	\$2,000.00
Brandon Markway Fellow, Orthopaedics & Rehabilitation <i>“Characterization of stem cell-based cartilage implants”</i>	\$2,000.00
Belinda McCully Postdoctoral Researcher, Physiology and Pharmacology <i>“Does a decrease in brain insulin action impair baroreflex function?”</i>	\$2,000.00
Daniel Morrow Fellow, Peds Neonatology <i>“Role of TRAIL in hyperoxia-induced lung injury”</i>	\$2,000.00
David Noyd Graduate Student, Public Health Preventive Med <i>“Dengue epidemiology in Valencia, Venezuela 2010: Assessment of Incidence, Risk and Prevention”</i>	\$2,000.00

Diana Parrish Graduate Student, Physiology and Pharmacology <i>"The role of proneurotrophic signaling in sympathetic remodeling of the heart after myocardial infarction"</i>	\$2,000.00
Amie Peterson Assistant Professor, Neurology <i>"The effects of vitamin D balance in Parkinson's disease"</i>	\$2,000.00
Rachel Piliod Medical Student, Pathology <i>"Cervical fungal infection and risk of intra-amniotic infection: A pilot study"</i>	\$2,000.00
Jenna Ramaker Graduate Student, Neuroscience <i>"The role of amyloid precursor proteins as G-protein-associated receptors in the control of neuronal migration"</i>	\$2,000.00
Marcia Ramaker Graduate Student, Behavioral Neuroscience <i>"Neurosteroids and extrasynaptic GABA(A) receptor influence on ethanol reinforcement"</i>	\$2,000.00
Jonathan Raybuck Fellow, Behavioral Neuroscience <i>"Investigation of substrates of recent and remote drug memories"</i>	\$2,000.00
Xuefang Ren Postdoctoral Researcher, Anesthesiology <i>"Characterization of the role of regulatory B10 cells in post-ischemic brain"</i>	\$2,000.00
Pierre Apostolides Graduate Student, Neuroscience Graduate Program <i>"Co-release of inhibitory neurotransmitters in the auditory brainstem"</i>	\$2,000.00
Gregory Scott MD/PhD Student, Pulmonary Critical Care Medicine, Cell Developmental Biology <i>"Eosinophil sensory neuroplasticity in asthma"</i>	\$2,000.00
Katie Sharff Resident, Medicine Infectious Disease <i>"Outpatient parenteral antimicrobial treatment (OPAT) for bone, joint and neurosurgical infections at a tertiary care center"</i>	\$2,000.00
Shushmita Sinha Fellow, Neurology <i>"In vivo detection of RTLs on cells by confocal microscopy"</i>	\$2,000.00
Krystina Sorwell Graduate Student, Behavioral Neuroscience <i>"Quantification of steroidogenic proteins in the rhesus macaque brain"</i>	\$2,000.00
Nick Tadros Resident, Urology <i>"Can obesity inflammatory markers predict aggressiveness of prostate cancer?"</i>	\$2,000.00

Aung Tun Fellow, Medicine Pulmonary & Critical Care <i>"Retrospective chart review of patients with antisynthetase syndrome"</i>	\$2,000.00
Anke Vermehren-Schmaedick Graduate Student, Integrative Biosciences <i>"BDNF chromatin remodeling in response to hypertension"</i>	\$2,000.00
Joshua Walker Graduate Student, Molecular Medical Genetics <i>"American Association of Immunologists, Advance Course in Immunology 2011"</i>	\$2,000.00
Jamie Warren Fellow, Peds Neonatology <i>"A randomized controlled trial to evaluate plastic bags in preventing and treating hypothermia in neonates in developing countries"</i>	\$2,000.00
Ningning Zhao Fellow, Cell & Developmental Biology <i>"Role of inhibitory Smad proteins in regulating TfR2"</i>	\$2,000.00

Prepared by Amy Von Jenef, OHSU Foundation (503) 220-8348