

**PACIFIC ALZHEIMER RESEARCH FOUNDATION
GRANTS AWARDED 2006 to 2017**

Grants awarded 2006 to 2011	\$11,533,982
Grants awarded 2012 to 2017	2,956,386
	\$14,490,368
Plus: Partner Match Funding	7,228,296
Leveraged Total	\$21,718,664

GRANTS AWARDED 2006 to 2011	Project	\$ Total	
Operating Grant Funding: (Awarded 2006 for a three year term)			
Dr. Shernaz X. Bamji (UBC)	<i>The Role of β-caterin Stabilization in Synaptic Pathology of Alzheimer disease</i>	224,457	
Dr. Mirza Faisal Beg (SFU)	<i>Improving Sensitivity of Early Detection via Multi-dimensional Analysis of Longitudinal MR Scans</i>	240,000	
Dr. Max Cynader/Dr. William Jia (UBC)	<i>Progranulin and its potential for a neuroprotective role in Dementia</i>	240,000	
Dr. Liisa Galea (UBC)	<i>Effects of estrogens on neurogenesis in the adult hippocampus in young and aged rodents</i>	211,986	
Dr. James McLarnon (UBC)	<i>Pharmacological modulation of an activated microglia-perturbed vasculature model</i>	231,075	
Dr. Christopher A. Shaw (UBC)	<i>Role of progranulin in brain function and neuroprotection</i>	207,000	
Dr. Cheryl Wellington (UBC)	<i>The role of ABC cholesterol transporters in metabolism of amyloid precursor protein and ApoE</i>	239,976	
Operating Grant Funding: (Awarded 2008)			
Dr. Blair Leavitt (UBC)	<i>SV40 Antigen Transgenic Mice: (2 YEARS FUNDING)</i>	160,000	
Dr. Teresa Liu-Ambrose (UBC)	<i>Enhancing Cognition.. (1 YEAR FUNDING)</i>	80,000	
Dr. Jane Roskams (UBC)	<i>Is Neural Stem Cell..Present (2 YEARS FUNDING)</i>	160,000	
Centre Grant Funding: (Awarded for a five year term)			
Dr. A. Jon Stoessl (UBC)	<i>Overlap Syndromes Resulting in Dementia</i>	5,758,738	
Exceptional Grant Funding: (Awarded for a five year term)			
Dr. Edith and Dr. Patrick McGeer Kinsmen Laboratory (UBC)	<i>Scientists doing leading-edge research providing essential services to other PARF funded projects</i>	3,780,750	

TOTAL

\$11,533,982

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PARTNERED GRANT FUNDING

GRANTS AWARDED 2012 to 2017	Project	PARF Total	PARTNER Total
PARF/ASC PARTNERSHIPS			
2012: (Awarded for two and three year terms)			
Dessa Sadovnick - UBC	<i>Gene Discovery in Late-onset AD...</i>	150,000	150,000
Bryce Mulligan - U of Victoria	<i>Discriminating Between Clinically Normal Adults with and without SCI..</i>	61,590	61,590
2013: (Awarded for a two year term)			
William Jia - UBC	<i>Stress-related cytoplasmic TDP-43 aggregation</i>	150,000	150,000
Robin Hsiung - UBC	<i>Characterization of Dementia due to mixed AD and Subcortical and Subcortical Vascular Pathology</i>	150,000	150,000
Cheryl Wellington - UBC	<i>Revisiting the vascular contribution to AD</i>	149,565	149,565
2014: (Awarded for two year term)			
Marinko Sarunic - SFU	<i>Non-invasive imaging of Alzheimer Disease Biomarkers in the Brain and Eye</i>	148,767	148,767
James Johnson - UBC	<i>Can the loss of brain-derived insulin cause Alzheimer Disease</i>	150,000	150,000
2016/2017:			
Holly Tuokko - U of Victoria	<i>The development of comparison standards for the cognitive measures employed in Canadian Logitudinal Study on Aging</i>	119,950	119,950
Debra Sheets - U of Victoria	<i>Voices in Motion: An Intergenerational Community Choir to Support Social Inclusion and Quality of Life for Persons with Alzheimer's Disease and their Caregivers</i>	119,130	119,130

PARF/MSFHR PARTNERSHIPS

2015: (Awarded for one to three year terms)			
Vedrana Cvetkovska - UBC	<i>The Mechanism and Significance of the Synaptogenic Activity of Amyloid Precursor Protein</i>	33,500	33500
Brett Eyford - UBC	<i>Assessment of melanotransferrin as an Alzheimer's disease biomarker</i>	41,500	41,500
Jasmin Hefendehl - UBC	<i>Altered glutamate dynamics in a mouse model of Alzheimer's disease..</i>	5,750	5750
Yun Zhang - UBC	<i>Human Islet Amyloid Polypeptide Aggregation, the Missing Link Between Type 2 Diabetes and Alzheimer's Disease</i>	62,250	62250
Cindy Barha - SFU	<i>A randomized controlled trial examining the effect of aerobic exercise on cognitive decline and brain region volumes in older men and women with mild cognitive impairment..</i>	40,375	40375
Sieun Lee - SFU	<i>Are There Indicators of Alzheimer's Disease in the Eye?..</i>	62,250	62250
2016/2017: (Awarded for one to five year terms)			
Dustin King	<i>Elucidating the Effect of O-GlcNAc Modification on Protein Stability</i>	50,750	50750
Arya Mehran	<i>Neurally-produced estradiol enhances the neuroprotective actions of insulin</i>	62,250	62250
Haakon Nygaard	<i>Chemical suppression of nonsense mutations for the treatment of frontotemporal dementia</i>	225,000	225,000
2014 PARF/Genome BC/ Brain Canada/MSFHR	Please see following sheet	1,173,759	5,446,269

TOTAL 2012 to 2017

\$2,956,386

\$7,228,896

PARF/BRAIN CANADA/GENOME BC/MSFHR AWARDS 2014

Brain Canada partnership awards were announced in September 2014 – successful projects listed below:

Team Leader	Institution	Project Title
Mirza Faisal Beg	SFU	<i>Novel Retinal Biomarkers for Alzheimer Disease</i> PARF Commitment \$249,999 (total 3 year budget \$1,500,000)
Neil Cashman	UBC	<i>Targeting Amyloid Propagation in Alzheimer disease: Structures, Immunology and Extracellular Vesicle Topology</i> PARF Commitment \$249,999 (total 3 year budget \$1,500,000)
James Johnson **	UBC	<i>Locally produced brain insulin in memory and Alzheimer's disease: A multi-disciplinary approach to a key question</i> PARF Commitment \$174,999 (total 3 year budget \$1,050,000)
Christian Naus	UBC	<i>Validation of Connexins and Pannexins as a target for Alzheimer disease</i> PARF Commitment \$249,999 (total 3 year budget \$1,500,000)
David Vocadlo	SFU	<i>Preclinical development of a disease modifying small molecule therapy for Alzheimer disease</i> PARF Commitment \$249,999 (total 3 year budget \$1,500,000)