

LSDF Pre-Proposals - August 2014
Summary Report of Publicly Disclosed Data

Sorted by Principal Investigator (PI) Last Name

PI FIRST NAME	PI LAST NAME	TITLE OF PROJECT	LEGAL NAME	GRANT TYPE	FUNDING REQUEST
Lonnie	Bookbinder	Proof of Concept for identification and validation of PRDM1 Inhibitors – Candidates for Targeted Therapy for Multiple Myeloma	ARIZ BioPharma	Proof of Concept	\$250,000.00
Teresa	Brentnall	Inexpensive, Highly Accurate Imaging of Early Pancreatic Cancer	University of Washington	Proof of Concept	\$250,000.00
Edward	A Clark	Therapeutic vaccine of hepatitis B virus infection and disease	University of Washington	Proof of Concept	\$250,000.00
Yury	Colton	Predicting rheumatoid arthritis response to IL-6 / IL-6(R) mAb and fusion protein therapeutic treatments using single-nucleotide polymorphism (SNP) detection companion diagnostic.	GenQual Corp.	Proof of Concept	\$250,000.00
Nicholas	B Coursolle	CalStrap	Central Product Solutions	Proof of Concept	\$250,000.00
Laura	Crisa	Development of a pancreatic islet biomimetic assay for drug screening	University of Washington	Proof of Concept	\$250,000.00
Richard	Daifuku	DNA methyl transferase inhibitor for the treatment of cancer	Epigenetics Pharma	Matching	\$490,700.00
Raimondo	D'Ambrosio	Prosthesis for the treatment of focal epilepsy	University of Washington	Proof of Concept	\$250,000.00
Iain	W Duncan	Evaluation of NM108 on prevention of visual acuity loss and retinal inflammation and in a rat model of diabetes	NeuMedics Inc.	Proof of Concept	\$215,000.00
Christian	Eckhoff	Improving Renal Safety of Cell-Permeable Antisense Drugs	RAiN BioScience, Inc.	Proof of Concept	\$250,000.00
Corey	Fagan	Mental Health Data Services	Mental Health Data Services, Inc. dba Owloutcomes	Proof of Concept	\$250,000.00
Darrell	R Fisher	Optimized Injectable Radiogels for High-dose Therapy of Non-resectable Solid Tumors	Washington State University	Proof of Concept	\$250,000.00
David	R Flum	Mobile S4S	University of Washington	Matching	\$500,000.00
John	R Frlan	Non-Human Antibodies in the Cure of HIV	Providence Health and Services	Proof of Concept	\$250,000.00
Deborah	L Fuller	Pre-clinical development of a mucosally-delivered flu antiviral	University of Washington	Proof of Concept	\$250,000.00
Maria	Gartstein	Play and Learn: Decreasing problems associated with ADHD through a preschool play group program	Washington State University	Proof of Concept	\$250,000.00
Carla	Grandori	A Functional Genomic Test for Personalized Cancer Treatments	Cure First	Proof of Concept	\$250,000.00
Douglas	P Hanel	electronic Milestone Tracking & Resident Competency System	University of Washington	Proof of Concept	\$250,000.00
Joseph	W Harding	Dual Hepatocyte Growth Factor (HGF)/ Macrophage Stimulating Protein (MSP) antagonist for the treatment of pancreatic cancer	Washington State University	Proof of Concept	\$250,000.00

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Jay	Heinecke	CALLIS for Heart Disease Diagnosis	University of Washington	Proof of Concept	\$250,000.00
Jeffrey	Herz	A Novel Non-Opioid Analgesic for Treatment of Chronic Pain	Algomedix, Inc.	Proof of Concept	\$250,000.00
Herbert	H Hill	Field Portable Breathalyzer for Marijuana	Washington State University	Proof of Concept	\$250,000.00
Leroy	Hood	100K Wellness Project	Institute for Systems Biology	Matching	\$1,000,000.00
William	C Hunter	Translation of PET/X from bench to practice in breast cancer therapy optimization	PET/X LLC	Proof of Concept	\$250,000.00
Leen	H Kawas	IND enabling studies for an orally bioavailable Parkinson's disease modifying molecule	M3 Biotechnology Inc.	Matching	\$500,000.00
Najib	Lamharzi	Novel, highly potent and safer drug conjugate for the treatment of ovarian cancer: In-vitro and in-vivo preclinical studies.	Oncotherapy Solutions LLC	Proof of Concept	\$250,000.00
Andre	Lieber	A Small, Synthetic Molecule Capable of Overcoming Chemo-Resistance in Recurring Ovarian Cancer	University of Washington	Proof of Concept	\$250,000.00
Murray	Lorance	A non-invasive continuous monitoring system for the determination of adequate perfusion and overall homeostatis of the human body	Tahoma Research L.L.C.	Proof of Concept	\$250,000.00
Ryan	Luce	Development of Electronic Medical Record-Facilitated Clinical Trial Matching Platform	Corengi, Inc.	Proof of Concept	\$247,600.00
Robert	S Miyaoka	NeuroRing HD PET System Development	University of Washington	Proof of Concept	\$250,000.00
Jason	Moore	Development of Assessment, Education and Maintenance (AME) protocol for a variable week sleep management program which incorporates a wearable sleep diagnostic system for point-of-care applications	Somnutech LLC	Proof of Concept	\$250,000.00
Peter	K Myers	Surgical LightGlove	Bridge Medical Products, Inc.	Proof of Concept	\$250,000.00
Kevin	D Petersen	Microwave Assisted Pasteurization (MAPS) - Pathogen reduction in chilled and frozen meals	915 Labs	Proof of Concept	\$250,000.00
Adelina	Petrova	Vaccine-based approach for control of blood-feeding pests	Washington State University	Proof of Concept	\$250,000.00
Kianoosh	Peyvan	Development of a prototype consumable to automate column based nucleic acid extraction for research and diagnostics purposes.	Peyvan Systems, Inc.	Proof of Concept	\$250,000.00
Ingrid	S Pultz	In Vivo Assessment of an Oral Therapeutic for Celiac Disease	University of Washington	Matching	\$250,000.00
Thomas	D Rea	Transforming the paradigm of sudden cardiac arrest resuscitation: Patient-specific treatment through innovative technology	University of Washington	Matching	\$350,000.00

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David	G Reuter	Novel Therapy for Patients with Obesity-Related Hypertension	Seattle Children's Hospital	Proof of Concept	\$250,000.00
David	G Reuter	Novel Therapeutic Approach to Treat Obesity Related Hypertension	Seattle Children's Hospital	Matching	\$415,750.00
Marta	Scatena	Macrophage Polarization and Regulation of Cardiac Fibrosis	University of Washington	Proof of Concept	\$249,938.00
John	W Schultz	A prospective, randomized cross-over study to ascertain the effectiveness of the Squire Sleep System Positional Mattress to treat positional obstructive sleep apnea	Squire Sleep Systems	Proof of Concept	\$250,000.00
Ilya	Shmulevich	multiscale, agent-based computational modeling of human skin permeability and antimicrobial barrier function.	Institute for Systems Biology	Matching	\$450,000.00
Matthew	Smith	Mercury Medical Technologies Lab	Bothell Biomedical Device Innovation Zone	Matching	\$50,000.00
Swatee	N Surve	SinaSprite:A Casual Game to Improve Stress and Mood in Primary Care Patients	Litesprite	Proof of Concept	\$250,000.00
Barbara	J Tarasevich	Injectable, Thermoreversible Polymers for the Localization of Non-palpable Breast Cancers	Pacific Northwest National Laboratory	Proof of Concept	\$250,000.00
David	J Tauben	Development and Implementation of an EMR Integrated Standardized Pain Assessment and Outcomes Tracking Tool for Primary and Specialty Clinical Care: PainTracker	University of Washington	Proof of Concept	\$250,000.00
Thomas	E Warfel	Early Emphysema Detection in Smokers Being Screened for Lung Cancer	Pacific Northwest National Laboratory	Proof of Concept	\$250,000.00