

LSDF 2009 Project Grant Competition LOIs
 Summary Report - Sorted by PI Last Name
 February 26, 2009

PI First Name	PI Middle Name	PI Last Name	Organization Legal Name	Title	Start Date	End Date	Request
Barry	A	Aaronson	University of Washington	An Electronic Health Record Dashboard to Improve Compliance with Inpatient Quality/Safety Measures	9/1/2009	8/31/2012	\$450,000
Suhail		Ahmad	University of Washington	Vitamin D Deficiency and Hypertension: A common secondary cause in the Pacific Northwest	10/1/2009	9/30/2012	\$300,000
Fevzi		Akinci	Washington State University	The Translation of the Finnish Diabetes Prevention Study (DPS) and a Cost-Effectiveness Analysis of the DPS Lifestyle Intervention Program to Prevent Type 2 Diabetes in Washington	9/1/2009	8/31/2012	\$900,000
Saman		Arbabi	University of Washington	Head Injury in Anticoagulated Patients in Washington State	9/1/2009	8/31/2013	\$1,100,000
Erica	Weintraub	Austin	Washington State University	Empowering young people for prevention through media literacy education	9/1/2009	8/15/2012	\$600,000
Amit		Bandyopadhyay	Washington State University	Next Generation Amputation Prosthesis	8/16/2009	8/15/2011	\$600,000
Gregory		Belenky	Washington State University	Fatigue-Friendly Scheduling to Sustain Safety and Performance in Emergency Medical Response Personnel	10/1/2009	9/30/2012	\$1,560,000
Elisabeth	Dunn	Bennett	Gonzaga University	Understanding, Preventing, and Treating Postpartum Mood Disorders in Washington's Single Mothers	9/15/2009	9/15/2011	\$350,000
Clifford	E.	Berkman	Washington State University	Targeted Chemotherapy for Prostate Cancer	10/1/2009	9/30/2012	\$747,985
Christopher	Martin	Bernards	Benaroya Research Institute at Virginia Mason	The Role of Inflammatory Eicosanoids and Cytokines in Human Lumbar Back Pain and Radiculopathy: A Translational Study.	1/1/2010	12/31/2011	\$525,000
David	Scott	Boyle	Program for Appropriate Technology in Health (PATH)	The Use of Trans Renal DNAs for the Molecular Diagnosis of Infectious Diseases	11/1/2009	10/30/2012	\$1,300,000
Jonathan		Bricker	Fred Hutchinson Cancer Research Center	Acceptance & Commitment Therapy for Adult Smoking Cessation	10/1/2009	10/1/2011	\$375,000
Robert	Thomas	Brigantic	Battelle, Pacific Northwest Division	Canary Populations for Early Detection of Pandemic Influenza and Other Infectious Disease Threats	8/5/2009	8/4/2011	\$1,250,500
Kathaleen		Briggs Early	Pacific Northwest University of Health Sciences	Type 2 diabetes risk-reduction and prevention using a culturally competent lifestyle intervention among rural Latino youth and their families	9/1/2009	8/30/2012	\$406,100
Susan	E	Buskin	Seattle - King County Department of Public Health	Screening and disease management for chronic viral blood-borne pathogens (HIV, hepatitis B & C)	1/1/2010	12/31/2014	\$2,500,000
Shulin		Chen	Washington State University	Enhancing disease prevention using nutraceuticals derived from Washington agriculture	9/1/2009	8/31/2012	\$1,495,013
Randal	P	Ching	University of Washington	Scientific validation of a non-invasive, cost effective low back pain prevention and rehabilitation technology based on enhancing sensory motor integration for improved core stabilization	9/10/2009	2/1/2010	\$319,000
Jae-Hyun		Chung	University of Washington	DNA Sensor Array for Rapid Identification of Bacterial Pathogens	8/15/2009	8/14/2012	\$830,000
Bruce	Edward	Clurman	Fred Hutchinson Cancer Research Center	Targeting Ubiquitin Ligases in Human Disease	10/1/2009	9/30/2012	\$900,000
Francesco	P	Curra	University of Washington	Noninvasive Management of Perfused Bleeding in Blunt and Penetrating Trauma.	9/1/2009	8/30/2013	\$2,500,000
Adam		Drewnowski	University of Washington	Video Games for the Prevention of Obesity and Diabetes	10/1/2009	10/1/2010	\$400,000

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Elihu	Harris	Estey	Fred Hutchinson Cancer Research Center	State-wide Network for Management of Acute Myeloid Leukemia	1/1/2010	12/31/2012	\$1,308,020
Ferric	Chuwen	Fang	University of Washington	Rapid Inexpensive Detection of Methicillin-Resistant Staphylococcus aureus (MRSA)	9/1/2009	8/31/2012	\$1,250,000
Janean	Louise	Fidel	Washington State University	Targeted Image-Guided Photodynamic Therapy: A New Paradigm for the Noninvasive Treatment of Cancerous Tumors	7/1/2009	7/1/2011	\$1,100,000
Robert	Eugene	Finney	Shoreline Community College	Application of gene expression reporter cells for discovery of personalized medicines	10/1/2009	9/30/2011	\$750,000
Lakshmi	Kumari	Gaur	Puget Sound Blood Center	Genomic Solution for a Safe Transfusion	10/1/2009	9/30/2012	\$2,000,000
Diana		Gilligan	Puget Sound Blood Center	Analysis of Red Blood Cells by Mass Spectrometry	9/1/2009	8/31/2012	\$1,175,000
Joshua	Aaron	Ginzler	University of Washington	Development of a Dialectical Behavior Therapy for Washington Homeless Youth and Young Adults	12/1/2009	11/30/2012	\$1,300,000
David	J	Glickerman	University of Washington	Pulmonary Embolism: Accelerated Intra-Clot Thrombolysis with the EkoSonic Endovascular System	9/1/2009	8/31/2011	\$600,000
Sihoun		Hahn	Children's Hospital and Regional Medical Center	Peptide Fingerprint Multiplex Analysis by MS/MS	9/1/2009	8/31/2012	\$750,000
Herbert	Henderson	Hill	Washington State University	Novel Device for Sensing Biomarkers	10/1/2009	9/30/2012	\$750,000
Gregory	M.	Hooks	Washington State University	Environmental Toxicants, Disease Hot Spots, and Human Health Outcomes	8/16/2009	8/15/2012	\$1,200,000
Philip	John	Horner	University of Washington	Therapeutic Hydrogels to reverse blood-induced stem cell scarring and tumor formation.	8/1/2009	8/1/2013	\$900,000
Shiu-Lok		Hu	University of Washington	Triggered intermediates of envelope trimers as an approach to elicit broadly neutralizing antibodies against HIV	9/1/2009	8/31/2013	\$1,676,000
Denise	Maureen	Inman	University of Washington	Dietary lipoic acid treatment prevents neuronal loss in glaucoma	9/1/2009	9/1/2012	\$500,000
Richard		Jacob	Battelle, Pacific Northwest Division	Proton MRI of Lungs to Measure Inflammation and Fibrosis	10/1/2009	9/30/2012	\$1,200,000
Norman		Karin	Battelle, Pacific Northwest Division	A cost-effective hydrogel-growth factor complex to improve bone healing	10/1/2009	9/30/2012	\$1,200,000
Edward	A.	Kesicki	Infectious Disease Research Institute	Application of the XenoGene Platform to Discover New Antibiotics	9/1/2009	9/1/2011	\$775,000
James	Warren	Krieger	Seattle - King County Department of Public Health	Medicaid Asthma Home Visit Project: Improving Health and Reducing Costs of Health Care for Children with Asthma	9/1/2009	12/31/2011	\$1,100,000
Warren	Carl	Ladiges	University of Washington	Preclinical investigation of red wine for delaying aging and age-related diseases	1/1/2010	12/31/2014	\$2,000,000
Michael		Lagunoff	University of Washington	Development of novel herpes virus inhibitors	9/1/2009	8/31/2013	\$1,300,000
Brian	Kent	Lamb	Washington State University	Air Quality Forecast Alerts: Personalized Two Way Communications for Cost Effective Management of Respiratory Health in Sensitive Individuals	1/1/2010	12/31/2013	\$900,000
Mary	E.	Larimer	University of Washington	Washington State Gambling Prevention Project	9/1/2009	8/31/2014	\$1,250,000
Chenghong		Lei	Battelle, Pacific Northwest Division	Entrapping Immunologically Active Proteins in Functionalized Nanoporous Supports for Cancer Therapy	9/1/2009	8/30/2012	\$1,600,000
Daniel		Leotta	University of Washington	Imaging Oximetry of Peripheral Ischemia for Identification of Amputation Level	9/1/2009	8/31/2012	\$750,000

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Alex		Li	Washington State University	High-Resolution Photoswotchable Dyes for Biomedical Imaging	9/15/2009	9/14/2014	\$1,888,999
Andre		Lieber	University of Washington	Peptides that increase the efficacy of monoclonal antibody therapy of cancer	10/1/2009	9/30/2010	\$150,000
Biaoyang		Lin	Swedish Health Services	3D microarray for multi-drug efficacy assay	10/1/2009	9/30/2011	\$500,000
Gordon	Alan	Marlatt	University of Washington	Development of an Innovative Washington State Health Promotion Project for Chronically Homeless People with Alcohol Problems: Health Outcomes, Economic Benefits, and Dissemination	10/1/2009	9/30/2014	\$1,250,000
Daniel		Martin	Institute for Systems Biology	High-throughput generation of monoclonal anti-peptide antibodies for high sensitivity targeted MS analysis of biomarker candidates.	9/1/2009	9/1/2011	\$850,000
Yoky		Matsuoka	University of Washington	Putting a robotic rehabilitation environment in stroke survivors' homes	10/1/2009	9/30/2014	\$1,050,000
Stuart		Mitchell	University of Washington	Non-Invasive Mitigation of Degenerative Neurological Disease	9/1/2009	8/31/2010	\$250,000
Subra		Muralidharan	Washington State University	Resonant Optically Coupled Nanoscale Probes for Early Detection of Brain Disorders	9/1/2009	8/31/2012	\$755,000
Richard	A	Nash	Fred Hutchinson Cancer Research Center	Induction of Graft Tolerance	9/1/2009	8/31/2012	\$1,500,000
Karin	M	Nelson	University of Washington	Peer Support for Achieving Independence in Diabetes (Peer AID)	8/1/2009	1/1/2012	\$834,208
J.	Lee	Nelson	Fred Hutchinson Cancer Research Center	Prevention and Amelioration of Rheumatoid Arthritis and Multiple Sclerosis by Pregnancy	10/1/2009	9/30/2013	\$1,846,275
Galya		Orr	Battelle, Pacific Northwest Division	Early detection of biomarkers of disease at trace amounts	9/1/2009	9/30/2012	\$700,000
Charilaos		Papadopoulos	Central Washington University	Educational program for home-based resistance training for rural residents	1/1/2010	12/31/2011	\$300,000
Atakan		Peker	Washington State University	HIGH-PERFORMANCE IMPLANT ALLOYS	10/1/2009	9/30/2011	\$650,000
Effie	W.	Petersdorf	Fred Hutchinson Cancer Research Center	Application of Human Genetics to Optimize Hematopoietic Cell Transplantation	10/1/2009	9/30/2013	\$1,400,000
Stephen	J.	Polyak	University of Washington	Hepatoprotective Effects of Silymarin	9/9/2009	9/8/2012	\$750,000
Bradley	D.	Preston	University of Washington	Skin Cancer Prevention by Novel Peptide Antioxidants	9/1/2009	8/31/2013	\$800,000
Daniel	Martin	Ratner	University of Washington	Probing Glycan-Mediated Host-Pathogen Interactions with Integrated Silicon Nanophotonic Biosensors	12/1/2009	11/30/2012	\$970,093
Jo-Anna		Reems	Puget Sound Blood Center	An Umbilical Cord Blood Program for Washington State	4/1/2010	3/31/2009	\$2,000,000
Robert	C	Rostomily	University of Washington	An integrated biotechnology platform to target the stem cell niche.	9/1/2009	8/31/2013	\$875,000
Sandip		Roy	Washington State University	Designing Targeted Network Surveillance and Control for Two Critical Health-Care Tasks: 1) Influenza-Spread Mitigation and 2) Sleep Regulation	9/1/2009	8/31/2012	\$250,000
Jay	Tal	Rubinstein	University of Washington	Clinical Feasibility of an Implanted Vestibular Neurostimulator	9/1/2009	8/31/2013	\$1,000,000
Tomikazu		Sasaki	University of Washington	Development of Artemisinin Compounds for Cancer Treatment	1/1/2010	12/31/2013	\$1,800,000
Laligam	N.	Sekhar	University of Washington	Roboscope: Single Port Telesurgical System	9/1/2009	8/30/2012	\$950,000

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Tueng	Thijssen	Shen	University of Washington	Continuous wireless intraocular pressure monitoring for glaucoma	9/1/2009	9/1/2012	\$1,500,000
David		Shepard	Swedish Medical Center	Improving Radiation Therapy Delivery to Targets Impacted by Respiratory Motion	10/1/2009	10/1/2012	\$400,000
John	Arthur	Sidles	Institute for Soldier Healing	Quantum systems engineering for regenerative medicine	9/1/2009	2/28/2010	\$150,000
Steven	Roger	Sylvester	Washington State University Vancouver	Breast Milk Contaminants in Washington State	1/1/2010	12/31/2012	\$270,000
Charles		Timchalk	Battelle, Pacific Northwest Division	Innovative Biomonitoring for Speciated Forms of Mercury	9/1/2009	8/31/2013	\$2,400,000
Monica		Vavilala	University of Washington	Integrating Cumulative Radiation Exposure into Medical Imaging Decision-Making	7/1/2009	6/30/2012	\$1,000,000
Diter		von Wettstein	Washington State University	Wheat for celiac patients and improved disease prevention	9/1/2009	8/31/2014	\$1,500,000
Thomas	N.	Wight	Benaroya Research Institute at Virginia Mason	Restoration of Elastic Fibers-A Novel Therapeutic Approach	9/1/2009	8/31/2012	\$1,200,000
Mark	M.	Wurfel	University of Washington	Gene expression-based diagnosis of Ventilator Associated Pneumonia	9/1/2009	8/31/2014	\$850,000
Sotiris	S	Xantheas	Battelle, Pacific Northwest Division	Design of nicotine analogs	9/1/2009	8/31/2011	\$325,000
Chun		Yuan	University of Washington	Cost-effective stroke abatement through detection of high-risk patients: transition to clinical practice	9/1/2010	8/31/2014	\$2,000,000