

Principal Investigator Information

Principal Investigator First Name	Barry
Principal Investigator Middle Name	A
Principal Investigator Last Name	Aaronson
Degrees	MD
Position title	National Library of Medicine Post-Doc Research Fellow
Department (P/I)	School of Medicine, Department of Medical Education, Division of Biomedical Health Informatics
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Applicant Organization Information

Organization Legal Name	University of Washington
Organization Address	4333 Brooklyn Ave NE
Address 2	Box 359472
Organization City	Seattle
Organization State	WA
Organization Zip	98195-9472
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	State
Organization Type - Other	Public
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Public

Project Information

Project Title	An Electronic Health Record Dashboard to Improve Compliance with Inpatient Quality/Safety Measures
Project Start Date	9/1/2009
Project End Date	8/31/2012
Requested Cash Amount	\$450,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Suhail
Principal Investigator Middle Name	
Principal Investigator Last Name	Ahmad
Degrees	MD
Position title	Professor of Medicine
Department (P/I)	Department of Medicine, Division of Nephrology
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Telephone	206-543-2095

Applicant Organization Information

Organization Legal Name	University of Washington
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Address 2	Box 359472
Organization City	Seattle
Organization State	WA
Organization Zip	98195-9472
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	State
Organization Type - Other	Public
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Public

Project Information

Project Title	Vitamin D Deficiency and Hypertension: A common secondary cause in the Pacific Northwest
Project Start Date	10/1/2009
Project End Date	9/30/2012
Requested Cash Amount	\$300,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Fevzi
Principal Investigator Middle Name	
Principal Investigator Last Name	Akinci
Degrees	Ph.D.
Position title	Associate Professor
Department (P/I)	Health Policy and Administration & Center for International Health Services Research and Policy (The WSU Center)
Mailing Address	Washington State University-Spokane 600 N. Riverpoint Blvd. Office 403P Spokane WA 99202
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Applicant Organization Information

Organization Legal Name	Washington State University Office of Grants and Research Development; 423 Neill Hall, Room 423
Organization Address	PO Box 643140
Address 2	Pullman
Organization City	WA
Organization State	99164
Organization Zip	WHITMAN
Organization County	9
State of Washington Legislative District	State
Organization Type - General	
Organization Type - Other	
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Institute of Higher Education

Project Information

Project Title	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
Project Start Date	9/1/2009
Project End Date	8/31/2012
Requested Cash Amount	\$900,000.00
Is this a resubmission?	Yes
What was the previous LSDF competition number?	07-01 Project, 08-01

Principal Investigator Information

Principal Investigator First Name Saman
Principal Investigator Middle Name
Principal Investigator Last Name Arbabi

Degrees MD, MPH

Position title Associate Professor

Department (P/I) Surgery

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Applicant Organization Information

Organization Legal Name University of Washington

Organization Address 4333 Brooklyn Ave NE
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Organization City Seattle
Organization State WA
Organization Zip 98195-9472
Organization County KING
State of Washington Legislative District 43
Organization Type - General State
Organization Type - Other Public
Organization Type - Specific Public Educational Institution
Organization Type - Other Public

Project Information

Project Title Head Injury in Anticoagulated Patients in Washington State

Project Start Date 9/1/2009
Project End Date 8/31/2013
Requested Cash Amount \$1,100,000.00
Is this a resubmission? No

What was the previous LSDF competition number?

Principal Investigator Information

Principal Investigator First Name	Erica
Principal Investigator Middle Name	Weintraub
Principal Investigator Last Name	Austin
Degrees	PhD, MA, BA
Position title	Dean and Professor
Department (P/I)	Edward R. Murrow College of Communication
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Applicant Organization Information

Organization Legal Name	Washington State University Office of Grants and Research Development; 423 Neill Hall, Room 423
Organization Address	PO Box 643140
Address 2	Pullman
Organization City	WA
Organization State	99164
Organization Zip	WHITMAN
Organization County	9
State of Washington Legislative District	State
Organization Type - General	
Organization Type - Other	
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Institute of Higher Education

Project Information

Project Title	Empowering young people for prevention through media literacy education
Project Start Date	9/1/2009
Project End Date	8/15/2012
Requested Cash Amount	\$600,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Amit
Principal Investigator Middle Name	
Principal Investigator Last Name	Bandyopadhyay
Degrees	Ph.D.
Position title	Professor
Department (P/I)	Mechanical and Materials Engineering
Mailing Address	Sloan 201 Spokane Street Pullman WA 99164-2920
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Applicant Organization Information

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Organization Address	
Address 2	
Organization City	
Organization State	
Organization Zip	
Organization County	
State of Washington Legislative District	
Organization Type - General	
Organization Type - Other	
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Institute of Higher Education

Project Information

Project Title	Next Generation Amputation Prosthesis
Project Start Date	8/16/2009
Project End Date	8/15/2011
Requested Cash Amount	\$600,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Gregory
Principal Investigator Middle Name	
Principal Investigator Last Name	Belenky
Degrees	M.D.
Position title	Research Professor and Director
Department (P/I)	Sleep and Performance Research Center
Mailing Address	Washington State University PO Box 1495 Spokane WA 99210-1495
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Applicant Organization Information

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Organization City	Pullman
Organization State	WA
Organization Zip	99164
Organization County	WHITMAN
State of Washington Legislative District	9
Organization Type - General	State
Organization Type - Other	
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Institute of Higher Education

Project Information

Project Title	Fatigue-Friendly Scheduling to Sustain Safety and Performance in Emergency Medical Response Personnel
Project Start Date	10/1/2009
Project End Date	9/30/2012
Requested Cash Amount	\$1,560,000.00
Is this a resubmission?	Yes
What was the previous LSDF competition number?	08-01 Project

Principal Investigator Information

Principal Investigator First Name	Elisabeth
Principal Investigator Middle Name	Dunn
Principal Investigator Last Name	Bennett
Degrees	B.S. in Clinical Psychology, M.S. and Ph.D.in Counseling Psychology
Position title	Associate Professor, Department Chair, Licensed Psychologist
Department (P/I)	Department of Counselor Education at Gonzaga University
Mailing Address	502 E Boone AD 25 Spokane WA 99258
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Telephone	509-313-3512

Applicant Organization Information

Organization Legal Name	Gonzaga University
Organization Address	502 E BOONE AVE
Address 2	
Organization City	SPOKANE
Organization State	WA
Organization Zip	99258-1774
Organization County	SPOKANE
State of Washington Legislative District	3
Organization Type - General	Private Non-Profit Entity
Organization Type - Other	
Organization Type - Specific	Private Educational Institution
Organization Type - Other	University

Project Information

Project Title	Understanding, Preventing, and Treating Postpartum Mood Disorders in Washington's Single Mothers
Project Start Date	9/15/2009
Project End Date	9/15/2011
Requested Cash Amount	\$350,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Clifford
Principal Investigator Middle Name	E.
Principal Investigator Last Name	Berkman
Degrees	Ph.D., B.A.
Position title	Professor
Department (P/I)	Chemistry
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Telephone	(509) 335-7613

Applicant Organization Information

Organization Legal Name	Washington State University
Organization Address	Office of Grants and Research Development; 423 Neill Hall,
Address 2	Room 423
Organization City	Pullman
Organization State	WA
Organization Zip	99164
Organization County	WHITMAN
State of Washington Legislative District	9
Organization Type - General	State
Organization Type - Other	
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Institute of Higher Education

Project Information

Project Title	Targeted Chemotherapy for Prostate Cancer
Project Start Date	10/1/2009
Project End Date	9/30/2012
Requested Cash Amount	\$747,985.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Christopher
Principal Investigator Middle Name	Martin
Principal Investigator Last Name	Bernards
Degrees	MD
Position title	Anesthesiology Faculty, Virginia Mason Medical Center and Clinical Professor of Anesthesiology, University of Washington
Department (P/I)	Anesthesiology
Mailing Address	Department of Anesthesiology, B2-AN Virginia Mason Medical Center 1100 9th Avenue Seattle WA 98101-2756
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Telephone	206-223-6980

Applicant Organization Information

Organization Legal Name	Benaroya Research Institute at Virginia Mason
Organization Address	1201 9th Avenue
Address 2	
Organization City	Seattle
Organization State	WA
Organization Zip	98101
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	Private Non-Profit Entity
Organization Type - Other	
Organization Type - Specific	Research Institute
Organization Type - Other	

Project Information

Project Title	The Role of Inflammatory Eicosanoids and Cytokines in Human Lumbar Back Pain and Radiculopathy: A Translational Study.
Project Start Date	1/1/2010
Project End Date	12/31/2011
Requested Cash Amount	\$525,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	David
Principal Investigator Middle Name	Scott
Principal Investigator Last Name	Boyle
Degrees	PhD, Bsc
Position title	Senior Research Scientist
Department (P/I)	Diagnostics group
Mailing Address	1455 NW Leary Way Seattle WA 98107 USA
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Telephone	206 788 2032

Applicant Organization Information

Organization Legal Name	Program for Appropriate Technology in Health (PATH)
Organization Address	1455 NW Leary Way
Address 2	
Organization City	Seattle
Organization State	WA
Organization Zip	98107
Organization County	KING
State of Washington Legislative District	5
Organization Type - General	Private Non-Profit Entity
Organization Type - Other	Global Health Research Institute
Organization Type - Specific	Other
Organization Type - Other	

Project Information

Project Title	The Use of Trans Renal DNAs for the Molecular Diagnosis of Infectious Diseases
Project Start Date	11/1/2009
Project End Date	10/30/2012
Requested Cash Amount	\$1,300,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name Jonathan
Principal Investigator Middle Name
Principal Investigator Last Name Bricker

Degrees PhD

Position title Assistant Member

Department (P/I) Public Health Sciences

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Cancer Prevention Research Program
1100 Fairview Avenue N., MS-B232
Seattle
WA 98109-1100

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Telephone 206-667-5074

Applicant Organization Information

Organization Legal Name Fred Hutchinson Cancer Research Center

Organization Address 1100 Fairview Ave N, J6-500
Address 2 PO Box 19024
Organization City Seattle
Organization State WA
Organization Zip 98109-1024
Organization County KING
State of Washington Legislative District 43
Organization Type - General Private Non-Profit Entity
Organization Type - Other
Organization Type - Specific Research Institute
Organization Type - Other

Project Information

Project Title Acceptance & Commitment Therapy for Adult Smoking
Cessation

Project Start Date 10/1/2009
Project End Date 10/1/2011
Requested Cash Amount \$375,000.00
Is this a resubmission? No

What was the previous LSDF competition number?

Principal Investigator Information

Principal Investigator First Name Robert
Principal Investigator Middle Name Thomas
Principal Investigator Last Name Brigantic

Degrees PhD, MS, BS

Position title Operations Research Scientist

Department (P/I)

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Pacific Northwest National Laboratory
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Applicant Organization Information

Organization Legal Name Battelle, Pacific Northwest Division

Organization Address PO Box 999
Address 2
Organization City Richland
Organization State WA
Organization Zip 99352
Organization County BENTON
State of Washington Legislative District 8
Organization Type - General Private Non-Profit Entity
Organization Type - Other
Organization Type - Specific Research Institute
Organization Type - Other

Project Information

Project Title Canary Populations for Early Detection of Pandemic Influenza
and Other Infectious Disease Threats

Project Start Date 8/5/2009
Project End Date 8/4/2011
Requested Cash Amount \$1,250,500.00
Is this a resubmission? No

What was the previous LSDF competition number?

Principal Investigator Information

Principal Investigator First Name Kathaleen
Principal Investigator Middle Name
Principal Investigator Last Name Briggs Early
Degrees PhD
Position title Assistant Professor of Biochemistry & Nutrition, Registered Dietician, Certified Diabetes Educator
Department (P/I) College of Osteopathic Medicine
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Yakima
WA 98901
Email Address kearly@pnwu.org
Telephone (509) 452-5100 ext. 7721

Applicant Organization Information

Organization Legal Name Pacific Northwest University of Health Sciences
Organization Address 111 UNIVERSITY PKWY STE 202
Address 2
Organization City YAKIMA
Organization State WA
Organization Zip 98901-1448
Organization County YAKIMA
State of Washington Legislative District 15
Organization Type - General Private Non-Profit Entity
Organization Type - Other
Organization Type - Specific Private Educational Institution
Organization Type - Other Private Non-Profit University

Project Information

Project Title Type 2 diabetes risk-reduction and prevention using a culturally competent lifestyle intervention among rural Latino youth and their families
Project Start Date 9/1/2009
Project End Date 8/30/2012
Requested Cash Amount \$406,100.00
Is this a resubmission? No
What was the previous LSDF competition number?

Principal Investigator Information

Principal Investigator First Name	Susan
Principal Investigator Middle Name	E
Principal Investigator Last Name	Buskin
Degrees	PhD, MPH
Position title	Senior Epidemiologist
Department (P/I)	Health/Prevention
Mailing Address	400 Yesler Way 3rd Floor Seattle WA 98104
Email Address	susan.buskin@kingcounty.gov
Telephone	206 205 6123

Applicant Organization Information

Organization Legal Name	Seattle - King County Department of Public Health
Organization Address	401 5th Avenue, Suite 1300
Address 2	
Organization City	Seattle
Organization State	WA
Organization Zip	98104-1823
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	Local
Organization Type - Other	
Organization Type - Specific	Health Department
Organization Type - Other	

Project Information

Project Title	Screening and disease management for chronic viral blood-borne pathogens (HIV, hepatitis B & C)
Project Start Date	1/1/2010
Project End Date	12/31/2014
Requested Cash Amount	\$2,500,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Shulin
Principal Investigator Middle Name	
Principal Investigator Last Name	Chen
Degrees	PhD
Position title	Professor and Scientist
Department (P/I)	Biological Systems Engineering
Mailing Address	Shulin Chen, Biological Systems Engineering Washington State University P.O. Box 646120 Pullman WA 99164-6120
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Telephone	509-335-3743

Applicant Organization Information

Organization Legal Name	Washington State University
Organization Address	Office of Grants and Research Development; 423 Neill Hall,
Address 2	Room 423
Organization City	Pullman
Organization State	WA
Organization Zip	99164
Organization County	WHITMAN
State of Washington Legislative District	9
Organization Type - General	State
Organization Type - Other	
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Institute of Higher Education

Project Information

Project Title	Enhancing disease prevention using nutraceuticals derived from Washington agriculture
Project Start Date	9/1/2009
Project End Date	8/31/2012
Requested Cash Amount	\$1,495,013.00
Is this a resubmission?	Yes
What was the previous LSDF competition number?	08-01 Project

Principal Investigator Information

Principal Investigator First Name	Randal
Principal Investigator Middle Name	P
Principal Investigator Last Name	Ching
Degrees	BA, MS, PhD
Position title	Director U of W Applied Biomechanics Laboratory
Department (P/I)	Deptment of Mechanical Engineering
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Telephone	206-625-0756

Applicant Organization Information

Organization Legal Name	University of Washington
Organization Address	4333 Brooklyn Ave NE
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Organization City	Seattle
Organization State	WA
Organization Zip	98195-9472
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	State
Organization Type - Other	Public
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Public

Project Information

Project Title	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
Project Start Date	9/10/2009
Project End Date	2/1/2010
Requested Cash Amount	\$319,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Jae-Hyun
Principal Investigator Middle Name	
Principal Investigator Last Name	Chung
Degrees	PhD
Position title	Assistant Professor
Department (P/I)	Mechanical Engineering
Mailing Address	University of Washington Department of Mechanical Engineering Campus Box 352600 Seattle WA 98195-2600
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Applicant Organization Information

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Address 2	Box 359472
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Organization State	WA
Organization Zip	98195-9472
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	State
Organization Type - Other	Public
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Public

Project Information

Project Title	DNA Sensor Array for Rapid Identification of Bacterial Pathogens
Project Start Date	8/15/2009
Project End Date	8/14/2012
Requested Cash Amount	\$830,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Bruce
Principal Investigator Middle Name	Edward
Principal Investigator Last Name	Clurman
Degrees	M.D., Ph.D
Position title	Member
Department (P/I)	Clinical Research/Human Biology
Mailing Address	Fred Hutchinson Cancer Research Center 1100 Fairview Ave ND2-100 Seattle WA 98109
Email Address	bclurman@fhcrc.org
Telephone	206-667-4524

Applicant Organization Information

Organization Legal Name	Fred Hutchinson Cancer Research Center
Organization Address	1100 Fairview Ave N, J6-500
Address 2	PO Box 19024
Organization City	Seattle
Organization State	WA
Organization Zip	98109-1024
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	Private Non-Profit Entity
Organization Type - Other	
Organization Type - Specific	Research Institute
Organization Type - Other	

Project Information

Project Title	Targeting Ubiquitin Ligases in Human Disease
Project Start Date	10/1/2009
Project End Date	9/30/2012
Requested Cash Amount	\$900,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Francesco
Principal Investigator Middle Name	P
Principal Investigator Last Name	Curra
Degrees	B.S - Ph.D.
Position title	Research Engineer
Department (P/I)	Applied Physics Laboratory/Center for Industrial and Medical Ultrasound
Mailing Address	Applied Physics Laboratory University of Washington 1013 NE 40th Street, Box 355640 Seattle WA 98105-6698
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Applicant Organization Information

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Organization City	Seattle
Organization State	WA
Organization Zip	98195-9472
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	State
Organization Type - Other	Public
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Public

Project Information

Project Title	Noninvasive Management of Perfused Bleeding in Blunt and Penetrating Trauma.
Project Start Date	9/1/2009
Project End Date	8/30/2013
Requested Cash Amount	\$2,500,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Adam
Principal Investigator Middle Name	
Principal Investigator Last Name	Drewnowski
Degrees	PhD
Position title	Professor
Department (P/I)	Epidemiology and Medicine / Division of Nutritional Sciences
Mailing Address	Box 353410 University of Washington Seattle WA 98185-3410
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Applicant Organization Information

Organization Legal Name	University of Washington
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Address 2	Box 359472
Organization City	Seattle
Organization State	WA
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Organization County	KING
State of Washington Legislative District	43
Organization Type - General	State
Organization Type - Other	Public
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Public

Project Information

Project Title	Video Games for the Prevention of Obesity and Diabetes
Project Start Date	10/1/2009
Project End Date	10/1/2010
Requested Cash Amount	\$400,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Elihu
Principal Investigator Middle Name	Harris
Principal Investigator Last Name	Estey
Degrees	M.D.
Position title	Professor
Department (P/I)	University of Washington
Mailing Address	825 Eastlake Ave. Mailstop G3200 Seattle Cancer Care Alliance Seattle WA 98109
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Applicant Organization Information

Organization Legal Name	Fred Hutchinson Cancer Research Center
Organization Address	1100 Fairview Ave N, J6-500
Address 2	PO Box 19024
Organization City	Seattle
Organization State	WA
Organization Zip	98109-1024
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	Private Non-Profit Entity
Organization Type - Other	
Organization Type - Specific	Research Institute
Organization Type - Other	

Project Information

Project Title	State-wide Network for Management of Acute Myeloid Leukemia
Project Start Date	1/1/2010
Project End Date	12/31/2012
Requested Cash Amount	\$1,308,020.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Ferric
Principal Investigator Middle Name	Chuwen
Principal Investigator Last Name	Fang
Degrees	A.B., M.D.
Position title	Professor
Department (P/I)	Lab Medicine & Microbiology
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Telephone	206-221-6770

Applicant Organization Information

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Organization City	Seattle
Organization State	WA
Organization Zip	98195-9472
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	State
Organization Type - Other	Public
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Public

Project Information

Project Title	Rapid Inexpensive Detection of Methicillin-Resistant Staphylococcus aureus (MRSA)
Project Start Date	9/1/2009
Project End Date	8/31/2012
Requested Cash Amount	\$1,250,000.00
Is this a resubmission?	Yes
What was the previous LSDF competition number?	08-01 Project

Principal Investigator Information

Principal Investigator First Name	Janean
Principal Investigator Middle Name	Louise
Principal Investigator Last Name	Fidel
Degrees	BS, MS, DVM
Position title	Veterinaian, Assistant Professor
Department (P/I)	Veterinary Clinical Sciences
Mailing Address	Veterinary Clinical Sciences Washington State University Pullman WA 99164-6610
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Telephone	509 335 0711

Applicant Organization Information

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Organization Address	
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Organization City	
Organization State	
Organization Zip	
Organization County	
State of Washington Legislative District	
Organization Type - General	
Organization Type - Other	
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Institute of Higher Education

Project Information

Project Title	Targeted Image-Guided Photodynamic Therapy: A New Paradigm for the Noninvasive Treatment of Cancerous Tumors
Project Start Date	7/1/2009
Project End Date	7/1/2011
Requested Cash Amount	\$1,100,000.00
Is this a resubmission?	Yes
What was the previous LSDF competition number?	08-01 Project

Principal Investigator Information

Principal Investigator First Name	Robert
Principal Investigator Middle Name	Eugene
Principal Investigator Last Name	Finney
Degrees	B.S., Ph.D.
Position title	Staff Scientist / Faculty
Department (P/I)	Biology
Mailing Address	Robert Finney Shoreline Community College Bld 2900 Shoreline WA 98133
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Telephone	206-533-6779

Applicant Organization Information

Organization Legal Name	Shoreline Community College
Organization Address	16101 Greenwood Ave N
Address 2	
Organization City	Seattle
Organization State	WA
Organization Zip	98133
Organization County	KING
State of Washington Legislative District	32
Organization Type - General	State
Organization Type - Other	
Organization Type - Specific	Public Educational Institution
Organization Type - Other	

Project Information

Project Title	Application of gene expression reporter cells for discovery of personalized medicines
Project Start Date	10/1/2009
Project End Date	9/30/2011
Requested Cash Amount	\$750,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Lakshmi
Principal Investigator Middle Name	Kumari
Principal Investigator Last Name	Gaur
Degrees	M.Sc., Ph.D.
Position title	Associate Member
Department (P/I)	Research
Mailing Address	Puget Sound Blood Center 921 Terry Ave Seattle WA 98104
Email Address	lakshmig@psbc.org
Telephone	206-292-4098

Applicant Organization Information

Organization Legal Name	Puget Sound Blood Center
Organization Address	921 TERRY AVE
Address 2	
Organization City	SEATTLE
Organization State	WA
Organization Zip	98104-1239
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	Private Non-Profit Entity
Organization Type - Other	Blood Center
Organization Type - Specific	Other
Organization Type - Other	

Project Information

Project Title	Genomic Solution for a Safe Transfusion
Project Start Date	10/1/2009
Project End Date	9/30/2012
Requested Cash Amount	\$2,000,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Diana
Principal Investigator Middle Name	
Principal Investigator Last Name	Gilligan
Degrees	M.D., Ph.D.
Position title	Associate Member
Department (P/I)	Research
Mailing Address	Puget Sound Blood Center 921 Terry Avenue Seattle WA 98104
Email Address	dianag@psbcresearch.org
Telephone	206-398-5950

Applicant Organization Information

Organization Legal Name	Puget Sound Blood Center
Organization Address	921 TERRY AVE
Address 2	
Organization City	SEATTLE
Organization State	WA
Organization Zip	98104-1239
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	Private Non-Profit Entity
Organization Type - Other	Blood Center
Organization Type - Specific	Other
Organization Type - Other	

Project Information

Project Title	Analysis of Red Blood Cells by Mass Spectrometry
Project Start Date	9/1/2009
Project End Date	8/31/2012
Requested Cash Amount	\$1,175,000.00
Is this a resubmission?	Yes
What was the previous LSDF competition number?	08-01 Project

Principal Investigator Information

Principal Investigator First Name	Joshua
Principal Investigator Middle Name	Aaron
Principal Investigator Last Name	Ginzler
Degrees	Ph.D.
Position title	Research Scientist
Department (P/I)	the Alcohol and Drug Abuse Institute
Mailing Address	1107 NE 45th St, Ste. 120 PO Box 354805 University of Washington Seattle WA 98105
Email Address	shua@u.washington.edu
Telephone	(206) 543-9946

Applicant Organization Information

Organization Legal Name	University of Washington
Organization Address	4333 Brooklyn Ave NE
Address 2	Box 359472
Organization City	Seattle
Organization State	WA
Organization Zip	98195-9472
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	State
Organization Type - Other	Public
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Public

Project Information

Project Title	Development of a Dialectical Behavior Therapy for Washington Homeless Youth and Young Adults
Project Start Date	12/1/2009
Project End Date	11/30/2012
Requested Cash Amount	\$1,300,000.00
Is this a resubmission?	Yes
What was the previous LSDF competition number?	08-01 Project

Principal Investigator Information

Principal Investigator First Name	David
Principal Investigator Middle Name	J
Principal Investigator Last Name	Glickerman
Degrees	M.D, F.S.I.R
Position title	Director
Department (P/I)	Vascular and Interventional Radiology
Mailing Address	University of Washington 1959 Pacific Ave Box 357115 Seattle 98195-7115
Email Address	glickerman@mindspring.com
Telephone	(206) 277-3189

Applicant Organization Information

Organization Legal Name	University of Washington
Organization Address	4333 Brooklyn Ave NE
Address 2	Box 359472
Organization City	Seattle
Organization State	WA
Organization Zip	98195-9472
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	State
Organization Type - Other	Public
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Public

Project Information

Project Title	Pulmonary Embolism: Accelerated Intra-Clot Thrombolysis with the EkoSonic Endovascular System
Project Start Date	9/1/2009
Project End Date	8/31/2011
Requested Cash Amount	\$600,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Sihoun
Principal Investigator Middle Name	
Principal Investigator Last Name	Hahn
Degrees	MD PhD
Position title	Professor
Department (P/I)	Pediatrics/Genetic and Genomic Medicine
Mailing Address	Seattle Children's Hospital Research Institute 1900 9th Ave C9S Seattle WA 98105
Email Address	sihoun.hahn@seattlechildrens.org
Telephone	206-987-7647

Applicant Organization Information

Organization Legal Name	Children's Hospital and Regional Medical Center Office of Sponsored Research, 4800 Sand Point Way NE, MS: MPW5-1
Organization Address	
Address 2	
Organization City	Seattle
Organization State	WA
Organization Zip	98105
Organization County	KING
State of Washington Legislative District	46
Organization Type - General	Private Non-Profit Entity
Organization Type - Other	
Organization Type - Specific	Hospital
Organization Type - Other	

Project Information

Project Title	Peptide Fingerprint Multiplex Analysis by MS/MS
Project Start Date	9/1/2009
Project End Date	8/31/2012
Requested Cash Amount	\$750,000.00
Is this a resubmission?	Yes
What was the previous LSDF competition number?	08-01 Project

Principal Investigator Information

Principal Investigator First Name	Herbert
Principal Investigator Middle Name	Henderson
Principal Investigator Last Name	Hill
Degrees	Ph.D.
Position title	Professor
Department (P/I)	Chemistry
Mailing Address	Department of Chemistry WSU Pullman WA 99164
Email Address	hhhill@wsu.edu
Telephone	509-335-5648

Applicant Organization Information

Organization Legal Name	Washington State University
Organization Address	Office of Grants and Research Development; 423 Neill Hall,
Address 2	Room 423
Organization City	PO Box 643140
Organization State	Pullman
Organization Zip	WA
Organization County	99164
State of Washington Legislative District	WHITMAN
Organization Type - General	9
Organization Type - Other	State
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Institute of Higher Education

Project Information

Project Title	Novel Device for Sensing Biomarkers
Project Start Date	10/1/2009
Project End Date	9/30/2012
Requested Cash Amount	\$750,000.00
Is this a resubmission?	Yes
What was the previous LSDF competition number?	07-01 Project, 08-01

Principal Investigator Information

Principal Investigator First Name	Gregory
Principal Investigator Middle Name	M.
Principal Investigator Last Name	Hooks
Degrees	BA, MS, PhD
Position title	Professor and chair; Boeing Distinguished Professor of Environmental Sociology
Department (P/I)	Sociology
Mailing Address	204 Wilson-Short Hall Washington State University Pullman WA 99164-4020
Email Address	ghooks@wsu.edu
Telephone	509-335-3687

Applicant Organization Information

Organization Legal Name	Washington State University
Organization Address	Office of Grants and Research Development; 423 Neill Hall,
Address 2	Room 423
Organization City	Pullman
Organization State	WA
Organization Zip	99164
Organization County	WHITMAN
State of Washington Legislative District	9
Organization Type - General	State
Organization Type - Other	
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Institute of Higher Education

Project Information

Project Title	Environmental Toxicants, Disease Hot Spots, and Human Health Outcomes
Project Start Date	8/16/2009
Project End Date	8/15/2012
Requested Cash Amount	\$1,200,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Philip
Principal Investigator Middle Name	John
Principal Investigator Last Name	Horner
Degrees	PhD
Position title	Associate Professor
Department (P/I)	Neurological Surgery
Mailing Address	University of Washington ISCRM Box 358056 Seattle WA 98915-056
Email Address	phorner@u.washington.edu
Telephone	206-8975715

Applicant Organization Information

Organization Legal Name	University of Washington
Organization Address	4333 Brooklyn Ave NE
Address 2	Box 359472
Organization City	Seattle
Organization State	WA
Organization Zip	98195-9472
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	State
Organization Type - Other	Public
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Public

Project Information

Project Title	Therapeutic Hydrogels to reverse blood-induced stem cell scaring and tumor formation.
Project Start Date	8/1/2009
Project End Date	8/1/2013
Requested Cash Amount	\$900,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Denise
Principal Investigator Middle Name	Maureen
Principal Investigator Last Name	Inman
Degrees	BS, PhD
Position title	Sr. Fellow
Department (P/I)	Neurosurgery
Mailing Address	ISCRM University of Washington Box 358056 Seattle WA 98195-8056
Email Address	inmand@u.washington.edu
Telephone	206-897-5717

Applicant Organization Information

Organization Legal Name	University of Washington
Organization Address	4333 Brooklyn Ave NE
Address 2	Box 359472
Organization City	Seattle
Organization State	WA
Organization Zip	98195-9472
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	State
Organization Type - Other	Public
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Public

Project Information

Project Title	Dietary lipoic acid treatment prevents neuronal loss in glaucoma
Project Start Date	9/1/2009
Project End Date	9/1/2012
Requested Cash Amount	\$500,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Richard
Principal Investigator Middle Name	
Principal Investigator Last Name	Jacob
Degrees	Ph.D.
Position title	Reserch Scientist
Department (P/I)	Biological Monitoring and Modeling
Mailing Address	902 Battelle Blvd PO Box 999 MSIN P7-58 Richland WA 99352
Email Address	richard.jacob@pnl.gov
Telephone	509-376-2924

Applicant Organization Information

Organization Legal Name	Battelle, Pacific Northwest Division
Organization Address	PO Box 999
Address 2	
Organization City	Richland
Organization State	WA
Organization Zip	99352
Organization County	BENTON
State of Washington Legislative District	8
Organization Type - General	Private Non-Profit Entity
Organization Type - Other	
Organization Type - Specific	Research Institute
Organization Type - Other	

Project Information

Project Title	Proton MRI of Lungs to Measure Inflammation and Fibrosis
Project Start Date	10/1/2009
Project End Date	9/30/2012
Requested Cash Amount	\$1,200,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Norman
Principal Investigator Middle Name	
Principal Investigator Last Name	Karin
Degrees	Ph.D.
Position title	Senior Research Scientist
Department (P/I)	Cell Biology & Biochemistry
Mailing Address	902 Battelle Blvd MS P7-56 Richland WA 99352
Email Address	norman.karin@pnl.gov
Telephone	509-376-1813

Applicant Organization Information

Organization Legal Name	Battelle, Pacific Northwest Division
Organization Address	PO Box 999
Address 2	
Organization City	Richland
Organization State	WA
Organization Zip	99352
Organization County	BENTON
State of Washington Legislative District	8
Organization Type - General	Private Non-Profit Entity
Organization Type - Other	
Organization Type - Specific	Research Institute
Organization Type - Other	

Project Information

Project Title	A cost-effective hydrogel-growth factor complex to improve bone healing
Project Start Date	10/1/2009
Project End Date	9/30/2012
Requested Cash Amount	\$1,200,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Edward
Principal Investigator Middle Name	A.
Principal Investigator Last Name	Kesicki
Degrees	BS, MS, Ph.D.
Position title	Director, Small-Molecule Drug Discovery
Department (P/I)	
Mailing Address	IDRI 1124 Columbia St #400 Seattle WA 98104
Email Address	ekesicki@idri.org
Telephone	206-330-2560

Applicant Organization Information

Organization Legal Name	Infectious Disease Research Institute
Organization Address	1124 Columbia Street Ste 400
Address 2	
Organization City	Seattle
Organization State	WA
Organization Zip	98104
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	Private Non-Profit Entity
Organization Type - Other	
Organization Type - Specific	Research Institute
Organization Type - Other	

Project Information

Project Title	Application of the XenoGene Platform to Discover New Antibiotics
Project Start Date	9/1/2009
Project End Date	9/1/2011
Requested Cash Amount	\$775,000.00
Is this a resubmission?	Yes
What was the previous LSDF competition number?	08-01 Project

Principal Investigator Information

Principal Investigator First Name	James
Principal Investigator Middle Name	Warren
Principal Investigator Last Name	Krieger
Degrees	MD, MPH
Position title	Chief, Chronic Disease and Injury Prevention
Department (P/I)	Prevention Division
Mailing Address	401 5th Ave 900 Seattle WA 98104
Email Address	james.krieger@kingcounty.gov
Telephone	(206)263-8688

Applicant Organization Information

Organization Legal Name	Seattle - King County Department of Public Health
Organization Address	401 5th Avenue, Suite 1300
Address 2	
Organization City	Seattle
Organization State	WA
Organization Zip	98104-1823
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	Local
Organization Type - Other	
Organization Type - Specific	Health Department
Organization Type - Other	

Project Information

Project Title	Medicaid Asthma Home Visit Project: Improving Health and Reducing Costs of Health Care for Children with Asthma
Project Start Date	9/1/2009
Project End Date	12/31/2011
Requested Cash Amount	\$1,100,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Warren
Principal Investigator Middle Name	Carl
Principal Investigator Last Name	Ladiges
Degrees	DVM, MS
Position title	Professor
Department (P/I)	Department of Comparative Medicine
Mailing Address	1959 NE Pacific St T-142 Health Sciences Univeristy of Washington Seattle WA 98195
Email Address	wladiges@u.washington.edu
Telephone	206-685-3260

Applicant Organization Information

Organization Legal Name	University of Washington
Organization Address	4333 Brooklyn Ave NE
Address 2	Box 359472
Organization City	Seattle
Organization State	WA
Organization Zip	98195-9472
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	State
Organization Type - Other	Public
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Public

Project Information

Project Title	Preclinical investigation of red wine for delaying aging and age-related diseases
Project Start Date	1/1/2010
Project End Date	12/31/2014
Requested Cash Amount	\$2,000,000.00
Is this a resubmission?	Yes
What was the previous LSDF competition number?	08-01 Project

Principal Investigator Information

Principal Investigator First Name	Michael
Principal Investigator Middle Name	
Principal Investigator Last Name	Lagunoff
Degrees	Ph.D.
Position title	Associate Professor
Department (P/I)	Microbiology
Mailing Address	University of Washington Department of Microbiology Box 357242 1705 NE Pacific Street Seattle WA 98195
Email Address	lagunoff@u.washington.edu
Telephone	206-616-4285

Applicant Organization Information

Organization Legal Name	University of Washington
Organization Address	4333 Brooklyn Ave NE
Address 2	Box 359472
Organization City	Seattle
Organization State	WA
Organization Zip	98195-9472
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	State
Organization Type - Other	Public
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Public

Project Information

Project Title	Development of novel herpes virus inhibitors
Project Start Date	9/1/2009
Project End Date	8/31/2013
Requested Cash Amount	\$1,300,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Brian
Principal Investigator Middle Name	Kent
Principal Investigator Last Name	Lamb
Degrees	PhD, BS
Position title	Regents Professor
Department (P/I)	Civil & Environmental Engineering
Mailing Address	103 Sloan Hall Spokane Street Washington State University Pullman WA 99164-2910
Email Address	blamb@wsu.edu
Telephone	5093355702

Applicant Organization Information

Organization Legal Name	Washington State University Office of Grants and Research Development; 423 Neill Hall, Room 423
Organization Address	PO Box 643140
Address 2	Pullman
Organization City	WA
Organization State	99164
Organization Zip	WHITMAN
Organization County	9
State of Washington Legislative District	State
Organization Type - General	
Organization Type - Other	
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Institute of Higher Education

Project Information

Project Title	Air Quality Forecast Alerts: Personalized Two Way Communications for Cost Effective Management of Respiratory Health in Sensitive Individuals
Project Start Date	1/1/2010
Project End Date	12/31/2013
Requested Cash Amount	\$900,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Mary
Principal Investigator Middle Name	E.
Principal Investigator Last Name	Larimer
Degrees	Ph.D.
Position title	Professor
Department (P/I)	Psychiatry & Behavioral Sciences
Mailing Address	1100 NE 45th Street Suite 300 Seattle WA 98105
Email Address	larimer@u.washington.edu
Telephone	206-543-3513

Applicant Organization Information

Organization Legal Name	University of Washington
Organization Address	4333 Brooklyn Ave NE
Address 2	Box 359472
Organization City	Seattle
Organization State	WA
Organization Zip	98195-9472
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	State
Organization Type - Other	Public
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Public

Project Information

Project Title	Washington State Gambling Prevention Project
Project Start Date	9/1/2009
Project End Date	8/31/2014
Requested Cash Amount	\$1,250,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Chenghong
Principal Investigator Middle Name	
Principal Investigator Last Name	Lei
Degrees	Ph.D.
Position title	senior research scientist
Department (P/I)	cell biology and biochemistry
Mailing Address	P7-56 P.O.Box 999 902 Battelle BLVD Richland WA 99352
Email Address	Chenghong.Lei@pnl.gov
Telephone	509-3762608

Applicant Organization Information

Organization Legal Name	Battelle, Pacific Northwest Division
Organization Address	PO Box 999
Address 2	
Organization City	Richland
Organization State	WA
Organization Zip	99352
Organization County	BENTON
State of Washington Legislative District	8
Organization Type - General	Private Non-Profit Entity
Organization Type - Other	
Organization Type - Specific	Research Institute
Organization Type - Other	

Project Information

Project Title	Entrapping Immunologically Active Proteins in Functionalized Nanoporous Supports for Cancer Therapy
Project Start Date	9/1/2009
Project End Date	8/30/2012
Requested Cash Amount	\$1,600,000.00
Is this a resubmission?	Yes
What was the previous LSDF competition number?	08-01 Project

Principal Investigator Information

Principal Investigator First Name	Daniel
Principal Investigator Middle Name	
Principal Investigator Last Name	Leotta
Degrees	BS, MS, PhD
Position title	Research Engineer
Department (P/I)	Applied Physics Laboratory
Mailing Address	University of Washington Box 355640 Seattle WA 98195
Email Address	leotta@u.washington.edu
Telephone	206-598-9761

Applicant Organization Information

Organization Legal Name	University of Washington
Organization Address	4333 Brooklyn Ave NE
Address 2	Box 359472
Organization City	Seattle
Organization State	WA
Organization Zip	98195-9472
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	State
Organization Type - Other	Public
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Public

Project Information

Project Title	Imaging Oximetry of Peripheral Ischemia for Identification of Amputation Level
Project Start Date	9/1/2009
Project End Date	8/31/2012
Requested Cash Amount	\$750,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Alex
Principal Investigator Middle Name	
Principal Investigator Last Name	Li
Degrees	Ph.D.
Position title	Professor
Department (P/I)	Department of Chemistry
Mailing Address	Alex Li Department of Chemistry Washington State University Pullman WA 99164
Email Address	dequan@wsu.edu
Telephone	509-335-7196

Applicant Organization Information

Organization Legal Name	Washington State University Office of Grants and Research Development; 423 Neill Hall, Room 423 PO Box 643140 Pullman WA 99164 WHITMAN 9 State
Organization Address	
Address 2	
Organization City	
Organization State	
Organization Zip	
Organization County	
State of Washington Legislative District	
Organization Type - General	
Organization Type - Other	
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Institute of Higher Education

Project Information

Project Title	High-Resolution Photoswitchable Dyes for Biomedical Imaging
Project Start Date	9/15/2009
Project End Date	9/14/2014
Requested Cash Amount	\$1,888,999.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Andre
Principal Investigator Middle Name	
Principal Investigator Last Name	Lieber
Degrees	MD, PhD
Position title	Research Professor
Department (P/I)	Department of Medicine, Division of Medical Genetics
Mailing Address	University of Washington Box 357720 Seattle WA 98195
Email Address	lieber00@u.washington.edu
Telephone	(206) 221-3973

Applicant Organization Information

Organization Legal Name	University of Washington
Organization Address	4333 Brooklyn Ave NE
Address 2	Box 359472
Organization City	Seattle
Organization State	WA
Organization Zip	98195-9472
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	State
Organization Type - Other	Public
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Public

Project Information

Project Title	Peptides that increase the efficacy of monoclonal antibody therapy of cancer
Project Start Date	10/1/2009
Project End Date	9/30/2010
Requested Cash Amount	\$150,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Biaoyang
Principal Investigator Middle Name	
Principal Investigator Last Name	Lin
Degrees	Ph.D.
Position title	Res. Scientist/Aff.Asso. Prof
Department (P/I)	Swedish Neuroscience Institute
Mailing Address	Suite 570, James Tower Swedish Medical Center/Cherry Hill 500 - 17th Avenue Seattle WA 98122-5711
Email Address	biaoylin@gmail.com
Telephone	(206) 320-3570

Applicant Organization Information

Organization Legal Name	Swedish Health Services
Organization Address	747 Broadway
Address 2	
Organization City	Seattle
Organization State	WA
Organization Zip	98122
Organization County	KING
State of Washington Legislative District	7
Organization Type - General	Private Non-Profit Entity
Organization Type - Other	
Organization Type - Specific	Hospital
Organization Type - Other	

Project Information

Project Title	3D microarray for multi-drug efficacy assay
Project Start Date	10/1/2009
Project End Date	9/30/2011
Requested Cash Amount	\$500,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Gordon
Principal Investigator Middle Name	Alan
Principal Investigator Last Name	Marlatt
Degrees	PhD
Position title	Professor, Director
Department (P/I)	Psychology, Addictive Behaviors Research Center
Mailing Address	Addictive Behaviors Research Center 3960 15th Avenue NE Guthrie Annex 3, Box 351629 Seattle WA. 98195-1629
Email Address	marlatt@u.washington.edu
Telephone	206-685-1395

Applicant Organization Information

Organization Legal Name	University of Washington
Organization Address	4333 Brooklyn Ave NE
Address 2	Box 359472
Organization City	Seattle
Organization State	WA
Organization Zip	98195-9472
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	State
Organization Type - Other	Public
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Public

Project Information

Project Title	Development of an Innovative Washington State Health Promotion Project for Chronically Homeless People with Alcohol Problems: Health Outcomes, Economic Benefits, and Dissemination
Project Start Date	10/1/2009
Project End Date	9/30/2014
Requested Cash Amount	\$1,250,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name Daniel
Principal Investigator Middle Name
Principal Investigator Last Name Martin

Degrees M.D.

Position title Asst. Professor

Department (P/I)

Mailing Address 1441 N34th St.
Seattle
WA98103

Email Address dmartin@systemsbiology.org
Telephone 2067321365

Applicant Organization Information

Organization Legal Name Institute for Systems Biology

Organization Address 1441 N 34TH ST
Address 2
Organization City SEATTLE
Organization State WA
Organization Zip 98103-8904
Organization County KING
State of Washington Legislative District 43
Organization Type - General Private Non-Profit Entity
Organization Type - Other
Organization Type - Specific Research Institute
Organization Type - Other

Project Information

Project Title High-throughput generation of monoclonal anti-peptide antibodies for high sensitivity targeted MS analysis of biomarker candidates.

Project Start Date 9/1/2009
Project End Date 9/1/2011
Requested Cash Amount \$850,000.00
Is this a resubmission? No

What was the previous LSDF competition number?

Principal Investigator Information

Principal Investigator First Name	Yoky
Principal Investigator Middle Name	
Principal Investigator Last Name	Matsuoka
Degrees	Ph.D.
Position title	Associate Professor
Department (P/I)	Computer Science and Engineering
Mailing Address	University of Washington Box 352350 Seattle WA 98195
Email Address	yoky@cs.washington.edu
Telephone	206-992-9309

Applicant Organization Information

Organization Legal Name	University of Washington
Organization Address	4333 Brooklyn Ave NE
Address 2	Box 359472
Organization City	Seattle
Organization State	WA
Organization Zip	98195-9472
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	State
Organization Type - Other	Public
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Public

Project Information

Project Title	Putting a robotic rehabilitation environment in stroke survivors' homes
Project Start Date	10/1/2009
Project End Date	9/30/2014
Requested Cash Amount	\$1,050,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Stuart
Principal Investigator Middle Name	
Principal Investigator Last Name	Mitchell
Degrees	Ph.D.
Position title	Engineer
Department (P/I)	Applied Physics Laboratory/Center for Industrial and Medical Ultrasound
Mailing Address	Applied Physics Laboratory University of Washington 1013 NE 40th Street, Box 355640 Seattle WA 98105-6698
Email Address	sbmitch@apl.washington.edu
Telephone	206-221-4560

Applicant Organization Information

Organization Legal Name	University of Washington
Organization Address	4333 Brooklyn Ave NE
Address 2	Box 359472
Organization City	Seattle
Organization State	WA
Organization Zip	98195-9472
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	State
Organization Type - Other	Public
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Public

Project Information

Project Title	Non-Invasive Mitigation of Degenerative Neurological Disease
Project Start Date	9/1/2009
Project End Date	8/31/2010
Requested Cash Amount	\$250,000.00
Is this a resubmission?	Yes
What was the previous LSDF competition number?	08-01 Project

Principal Investigator Information

Principal Investigator First Name	Subra
Principal Investigator Middle Name	
Principal Investigator Last Name	Muralidharan
Degrees	B.Sc., M.Sc., Ph.D.
Position title	Professor
Department (P/I)	School of Molecular Biosciences
Mailing Address	515 Heald Hall Washington State University Pullman WA 99164.
Email Address	subra.murali@wsu.edu
Telephone	509-335-7788

Applicant Organization Information

Organization Legal Name	Washington State University Office of Grants and Research Development; 423 Neill Hall, Room 423 PO Box 643140 Pullman WA 99164 WHITMAN 9 State
Organization Address	
Address 2	
Organization City	
Organization State	
Organization Zip	
Organization County	
State of Washington Legislative District	
Organization Type - General	
Organization Type - Other	
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Institute of Higher Education

Project Information

Project Title	Resonant Optically Coupled Nanoscale Probes for Early Detection of Brain Disorders
Project Start Date	9/1/2009
Project End Date	8/31/2012
Requested Cash Amount	\$755,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Richard
Principal Investigator Middle Name	A
Principal Investigator Last Name	Nash
Degrees	MD
Position title	Member (FHCRC); Professor of Medicine (UW)
Department (P/I)	FHCRC: Clinical Research/Transplantation Biology; UW: Dept. of Medicine/School of Medicine
Mailing Address	Fred Hutchinson Cancer Research Center (FHCRC) PO Box 19024 D1-100 Seattle WA 98109-1024
Email Address	rnash@fhcrc.org
Telephone	206-667-4978

Applicant Organization Information

Organization Legal Name	Fred Hutchinson Cancer Research Center
Organization Address	1100 Fairview Ave N, J6-500
Address 2	PO Box 19024
Organization City	Seattle
Organization State	WA
Organization Zip	98109-1024
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	Private Non-Profit Entity
Organization Type - Other	
Organization Type - Specific	Research Institute
Organization Type - Other	

Project Information

Project Title	Induction of Graft Tolerance
Project Start Date	9/1/2009
Project End Date	8/31/2012
Requested Cash Amount	\$1,500,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Karin
Principal Investigator Middle Name	M
Principal Investigator Last Name	Nelson
Degrees	MD, MSHS
Position title	PI
Department (P/I)	Department of Medicine
Mailing Address	1660 South Columbian Way S-111-gimc
Email Address	karin.nelson@va.gov
Telephone	206-277-4507

Applicant Organization Information

Organization Legal Name	University of Washington
Organization Address	4333 Brooklyn Ave NE
Address 2	Box 359472
Organization City	Seattle
Organization State	WA
Organization Zip	98195-9472
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	State
Organization Type - Other	Public
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Public

Project Information

Project Title	Peer Support for Achieving Independence in Diabetes (Peer AID)
Project Start Date	8/1/2009
Project End Date	1/1/2012
Requested Cash Amount	\$834,208.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	J.
Principal Investigator Middle Name	Lee
Principal Investigator Last Name	Nelson
Degrees	MD
Position title	Member
Department (P/I)	Human Immunogenetics Department, Clinical Research Division
Mailing Address	1100 Fairview Ave. N. D2-100 PO Box 19024 Seattle WA 98109-1024
Email Address	jlnelso@fhcrc.org
Telephone	206-667-5248

Applicant Organization Information

Organization Legal Name	Fred Hutchinson Cancer Research Center
Organization Address	1100 Fairview Ave N, J6-500
Address 2	PO Box 19024
Organization City	Seattle
Organization State	WA
Organization Zip	98109-1024
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	Private Non-Profit Entity
Organization Type - Other	
Organization Type - Specific	Research Institute
Organization Type - Other	

Project Information

Project Title	Prevention and Amelioration of Rheumatoid Arthritis and Multiple Sclerosis by Pregnancy
Project Start Date	10/1/2009
Project End Date	9/30/2013
Requested Cash Amount	\$1,846,275.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Galya
Principal Investigator Middle Name	
Principal Investigator Last Name	Orr
Degrees	PhD
Position title	Senior Research Scientist
Department (P/I)	Chemical & Materials Sciences Division
Mailing Address	P.O. Box 999 MS: K8-88 Richland WA 99352
Email Address	galya.orr@pnl.gov
Telephone	509 371-6127

Applicant Organization Information

Organization Legal Name	Battelle, Pacific Northwest Division
Organization Address	PO Box 999
Address 2	
Organization City	Richland
Organization State	WA
Organization Zip	99352
Organization County	BENTON
State of Washington Legislative District	8
Organization Type - General	Private Non-Profit Entity
Organization Type - Other	
Organization Type - Specific	Research Institute
Organization Type - Other	

Project Information

Project Title	Early detection of biomarkers of disease at trace amounts
Project Start Date	9/1/2009
Project End Date	9/30/2012
Requested Cash Amount	\$700,000.00
Is this a resubmission?	Yes
What was the previous LSDF competition number?	08-01 Project

Principal Investigator Information

Principal Investigator First Name	Charilaos
Principal Investigator Middle Name	
Principal Investigator Last Name	Papadopoulos
Degrees	Ph.D.
Position title	Associate Professor
Department (P/I)	Nutrition, Exercise and Health Sciences
Mailing Address	400 E. University Way Ellensburg WA 98926-7572
Email Address	papadopH@cwu.edu
Telephone	509-963-2746

Applicant Organization Information

Organization Legal Name	Central Washington University
Organization Address	400 E. University Way
Address 2	
Organization City	Ellensburg
Organization State	WA
Organization Zip	98926
Organization County	KITTITAS
State of Washington Legislative District	13
Organization Type - General	State
Organization Type - Other	
Organization Type - Specific	Public Educational Institution
Organization Type - Other	

Project Information

Project Title	Educational program for home-based resistance training for rural residents
Project Start Date	1/1/2010
Project End Date	12/31/2011
Requested Cash Amount	\$300,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Atakan
Principal Investigator Middle Name	
Principal Investigator Last Name	Peker
Degrees	Ph.D.
Position title	Senior Scientist
Department (P/I)	Applied Sci. Lab./ISP
Mailing Address	Sirti Technology Center 120 N Pine St Spokane WA
Email Address	apeker@wsu.edu
Telephone	509 358 7713

Applicant Organization Information

Organization Legal Name	Washington State University Office of Grants and Research Development; 423 Neill Hall, Room 423 PO Box 643140 Pullman WA 99164 WHITMAN 9 State
Organization Address	
Address 2	
Organization City	
Organization State	
Organization Zip	
Organization County	
State of Washington Legislative District	
Organization Type - General	
Organization Type - Other	
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Institute of Higher Education

Project Information

Project Title	HIGH-PERFORMANCE IMPLANT ALLOYS
Project Start Date	10/1/2009
Project End Date	9/30/2011
Requested Cash Amount	\$650,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Effie
Principal Investigator Middle Name	W.
Principal Investigator Last Name	Petersdorf
Degrees	MD
Position title	Member
Department (P/I)	Human Immunogenetics Department, Clinical Research Division
Mailing Address	1100 Fairview Ave. N. D4-100 PO Box 19024 Seattle WA 98109-1024
Email Address	epetersd@fhcrc.org
Telephone	206-667-5244

Applicant Organization Information

Organization Legal Name	Fred Hutchinson Cancer Research Center
Organization Address	1100 Fairview Ave N, J6-500
Address 2	PO Box 19024
Organization City	Seattle
Organization State	WA
Organization Zip	98109-1024
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	Private Non-Profit Entity
Organization Type - Other	
Organization Type - Specific	Research Institute
Organization Type - Other	

Project Information

Project Title	Application of Human Genetics to Optimize Hematopoietic Cell Transplantation
Project Start Date	10/1/2009
Project End Date	9/30/2013
Requested Cash Amount	\$1,400,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Stephen
Principal Investigator Middle Name	J.
Principal Investigator Last Name	Polyak
Degrees	Ph.D.
Position title	Research Associate Professor
Department (P/I)	Laboratory Medicine
Mailing Address	Virology 359690 325 9th Av Seattle WA 98104
Email Address	polyak@u.washington.edu
Telephone	206-897-5224

Applicant Organization Information

Organization Legal Name	University of Washington
Organization Address	4333 Brooklyn Ave NE
Address 2	Box 359472
Organization City	Seattle
Organization State	WA
Organization Zip	98195-9472
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	State
Organization Type - Other	Public
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Public

Project Information

Project Title	Hepatoprotective Effects of Silymarin
Project Start Date	9/9/2009
Project End Date	9/8/2012
Requested Cash Amount	\$750,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Bradley
Principal Investigator Middle Name	D.
Principal Investigator Last Name	Preston
Degrees	B.S., Ph.D.
Position title	Professor
Department (P/I)	Department of Pathology
Mailing Address	University of Washington Department of Pathology, Box 357705 K-072 Health Sciences Bldg., 1959 NE Pacific St. Seattle WA 98195-7705
Email Address	bradp@u.washington.edu
Telephone	206-616-5062

Applicant Organization Information

Organization Legal Name	University of Washington
Organization Address	4333 Brooklyn Ave NE
Address 2	Box 359472
Organization City	Seattle
Organization State	WA
Organization Zip	98195-9472
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	State
Organization Type - Other	Public
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Public

Project Information

Project Title	Skin Cancer Prevention by Novel Peptide Antioxidants
Project Start Date	9/1/2009
Project End Date	8/31/2013
Requested Cash Amount	\$800,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Daniel
Principal Investigator Middle Name	Martin
Principal Investigator Last Name	Ratner
Degrees	B.A., Ph.D.
Position title	Assistant Professor
Department (P/I)	Dept. of Bioengineering
Mailing Address	Prof. Dan Ratner N210D 1705 NE Pacific Street Seattle WA 98195
Email Address	dratner@u.washington.edu
Telephone	206-685-2840

Applicant Organization Information

Organization Legal Name	University of Washington
Organization Address	4333 Brooklyn Ave NE
Address 2	Box 359472
Organization City	Seattle
Organization State	WA
Organization Zip	98195-9472
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	State
Organization Type - Other	Public
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Public

Project Information

Project Title	Probing Glycan-Mediated Host-Pathogen Interactions with Integrated Silicon Nanophotonic Biosensors
Project Start Date	12/1/2009
Project End Date	11/30/2012
Requested Cash Amount	\$970,093.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Jo-Anna
Principal Investigator Middle Name	
Principal Investigator Last Name	Reems
Degrees	Ph.D.
Position title	Scientific Director of Cord Blood and Cell Processing Laboratory
Department (P/I)	Research
Mailing Address	921 Terry Ave. Seattle WA 98104
Email Address	joannar@psbc.org
Telephone	206-398-5917

Applicant Organization Information

Organization Legal Name	Puget Sound Blood Center
Organization Address	921 TERRY AVE
Address 2	
Organization City	SEATTLE
Organization State	WA
Organization Zip	98104-1239
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	Private Non-Profit Entity
Organization Type - Other	Blood Center
Organization Type - Specific	Other
Organization Type - Other	

Project Information

Project Title	An Umbilical Cord Blood Program for Washington State
Project Start Date	4/1/2010
Project End Date	3/31/2009
Requested Cash Amount	\$2,000,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Robert
Principal Investigator Middle Name	C
Principal Investigator Last Name	Rostomily
Degrees	MD
Position title	Associate Professor
Department (P/I)	Neurological Surgery
Mailing Address	Univ of WA School of Medicine Dept of Neurosurgery 1959 Ne Pacific St Seattle WA 98195 Box 356470 Room RR744
Email Address	rosto@u.washington.edu
Telephone	206-543-3570

Applicant Organization Information

Organization Legal Name	University of Washington
Organization Address	4333 Brooklyn Ave NE
Address 2	Box 359472
Organization City	Seattle
Organization State	WA
Organization Zip	98195-9472
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	State
Organization Type - Other	Public
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Public

Project Information

Project Title	An integrated biotechnology platform to target the stem cell niche.
Project Start Date	9/1/2009
Project End Date	8/31/2013
Requested Cash Amount	\$875,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Sandip
Principal Investigator Middle Name	
Principal Investigator Last Name	Roy
Degrees	Ph.D., M.S., B.S.
Position title	Assistant Professor
Department (P/I)	Electrical Engineering
Mailing Address	P.O. Box 642752 Pullman WA 99164
Email Address	sroy@eecs.wsu.edu
Telephone	509-335-2448

Applicant Organization Information

Organization Legal Name	Washington State University Office of Grants and Research Development; 423 Neill Hall, Room 423
Organization Address	PO Box 643140
Address 2	Pullman
Organization City	WA
Organization State	99164
Organization Zip	WHITMAN
Organization County	9
State of Washington Legislative District	State
Organization Type - General	
Organization Type - Other	
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Institute of Higher Education

Project Information

Project Title	Designing Targeted Network Surveillance and Control for Two Critical Health-Care Tasks: 1) Influenza-Spread Mitigation and 2) Sleep Regulation
Project Start Date	9/1/2009
Project End Date	8/31/2012
Requested Cash Amount	\$250,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Jay
Principal Investigator Middle Name	Tal
Principal Investigator Last Name	Rubinstein
Degrees	MD, PhD
Position title	Professor and Director
Department (P/I)	Otolaryngology
Mailing Address	VM Bloedel Hearing Research Center Box 357923 University of Washington Seattle WA 98195
Email Address	rubinj@u.washington.edu
Telephone	206-616-6655

Applicant Organization Information

Organization Legal Name	University of Washington
Organization Address	4333 Brooklyn Ave NE
Address 2	Box 359472
Organization City	Seattle
Organization State	WA
Organization Zip	98195-9472
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	State
Organization Type - Other	Public
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Public

Project Information

Project Title	Clinical Feasibility of an Implanted Vestibular Neurostimulator
Project Start Date	9/1/2009
Project End Date	8/31/2013
Requested Cash Amount	\$1,000,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Tomikazu
Principal Investigator Middle Name	
Principal Investigator Last Name	Sasaki
Degrees	PhD
Position title	Associate Professor
Department (P/I)	Chemistry
Mailing Address	Box 351700 Department of Chemistry University of Washington Seattle WA 98195-1700
Email Address	sasaki@chem.washington.edu
Telephone	206-543-6590

Applicant Organization Information

Organization Legal Name	University of Washington
Organization Address	4333 Brooklyn Ave NE
Address 2	Box 359472
Organization City	Seattle
Organization State	WA
Organization Zip	98195-9472
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	State
Organization Type - Other	Public
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Public

Project Information

Project Title	Development of Artemisinin Compounds for Cancer Treatment
Project Start Date	1/1/2010
Project End Date	12/31/2013
Requested Cash Amount	\$1,800,000.00
Is this a resubmission?	Yes
What was the previous LSDF competition number?	08-01 Project

Principal Investigator Information

Principal Investigator First Name	Laligam
Principal Investigator Middle Name	N.
Principal Investigator Last Name	Sekhar
Degrees	MD, FACS
Position title	Professor
Department (P/I)	Neuorsurgery
Mailing Address	Harborview Medical Center 325 9th Ave. Box 359924 Seattle WA 98104
Email Address	Isekhar@u.washington.edu
Telephone	206-744-9330

Applicant Organization Information

Organization Legal Name	University of Washington
Organization Address	4333 Brooklyn Ave NE
Address 2	Box 359472
Organization City	Seattle
Organization State	WA
Organization Zip	98195-9472
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	State
Organization Type - Other	Public
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Public

Project Information

Project Title	Roboscope: Single Port Telesurgical System
Project Start Date	9/1/2009
Project End Date	8/30/2012
Requested Cash Amount	\$950,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Tueng
Principal Investigator Middle Name	Thijssen
Principal Investigator Last Name	Shen
Degrees	MD, PhD
Position title	Assistant Professor
Department (P/I)	ophthalmology
Mailing Address	Department of ophthalmology 1959 Pacific Ave NE Seattle WA 98195
Email Address	ttshen@u.washington.edu
Telephone	206-229-3885

Applicant Organization Information

Organization Legal Name	University of Washington
Organization Address	4333 Brooklyn Ave NE
Address 2	Box 359472
Organization City	Seattle
Organization State	WA
Organization Zip	98195-9472
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	State
Organization Type - Other	Public
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Public

Project Information

Project Title	Continuous wireless intraocular pressure monitoring for glaucoma
Project Start Date	9/1/2009
Project End Date	9/1/2012
Requested Cash Amount	\$1,500,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	David
Principal Investigator Middle Name	
Principal Investigator Last Name	Shepard
Degrees	PhD
Position title	Direct of Medical Physics
Department (P/I)	Swedish Cancer Institute
Mailing Address	1221 Madison St. 1st Floor Seattle WA 98104
Email Address	david.shepard@swedish.org
Telephone	206-215-3306

Applicant Organization Information

Organization Legal Name	Swedish Health Services
Organization Address	747 Broadway
Address 2	
Organization City	Seattle
Organization State	WA
Organization Zip	98104
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	Private Non-Profit Entity
Organization Type - Other	
Organization Type - Specific	Hospital
Organization Type - Other	

Project Information

Project Title	Improving Radiation Therapy Delivery to Targets Impacted by Respiratory Motion
Project Start Date	10/1/2009
Project End Date	10/1/2012
Requested Cash Amount	\$400,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name John
Principal Investigator Middle Name Arthur
Principal Investigator Last Name Sidles

Degrees PhD

Position title Chief Scientific Advisor

Department (P/I)

Mailing Address 4532 48th Av NE
Seattle
Washington 98105

Email Address jasidles@gmail.com
Telephone 206-465-7207

Applicant Organization Information

Organization Legal Name Institute for Soldier Healing

Organization Address 4532 48th Ave NE
Address 2
Organization City Seattle
Organization State WA
Organization Zip 98105
Organization County KING
State of Washington Legislative District 46
Organization Type - General Private Non-Profit Entity
Organization Type - Other
Organization Type - Specific Research Institute
Organization Type - Other

Project Information

Project Title Quantum systems engineering for regenerative medicine

Project Start Date 9/1/2009
Project End Date 2/28/2010
Requested Cash Amount \$150,000.00
Is this a resubmission? No

What was the previous LSDF competition number?

Principal Investigator Information

Principal Investigator First Name	Steven
Principal Investigator Middle Name	Roger
Principal Investigator Last Name	Sylvester
Degrees	BS,BS,PhD
Position title	Associate Professor
Department (P/I)	Sciences Program
Mailing Address	Steve Sylvester, Sciences Program Washington State University, Vancouver 14204 NE Salmon Creek Ave. Vancouver WA 98686
Email Address	ssylvester@vancouver.wsu.edu
Telephone	(360)546-9724

Applicant Organization Information

Organization Legal Name	Washington State University Vancouver
Organization Address	14204 NE Salmon Creek Avenue
Address 2	
Organization City	Vancouver
Organization State	WA
Organization Zip	98686
Organization County	CLARK
State of Washington Legislative District	17
Organization Type - General	State
Organization Type - Other	
Organization Type - Specific	Public Educational Institution
Organization Type - Other	

Project Information

Project Title	Breast Milk Contaminants in Washington State
Project Start Date	1/1/2010
Project End Date	12/31/2012
Requested Cash Amount	\$270,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Charles
Principal Investigator Middle Name	
Principal Investigator Last Name	Timchalk
Degrees	B.S., Ph.D.
Position title	Staff Scientist
Department (P/I)	Biological Monitoring and Modeling
Mailing Address	902 Battelle Blvd. PO Box 999 MSIN P7-59 Richland WA 99352
Email Address	charles.timchalk@pnl.gov
Telephone	509 376-0434

Applicant Organization Information

Organization Legal Name	Battelle, Pacific Northwest Division
Organization Address	902 Battelle Boulevard, PO Box 999
Address 2	
Organization City	Richland
Organization State	WA
Organization Zip	99352
Organization County	BENTON
State of Washington Legislative District	8
Organization Type - General	Private Non-Profit Entity
Organization Type - Other	
Organization Type - Specific	Research Institute
Organization Type - Other	

Project Information

Project Title	Innovative Biomonitoring for Speciated Forms of Mercury
Project Start Date	9/1/2009
Project End Date	8/31/2013
Requested Cash Amount	\$2,400,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Monica
Principal Investigator Middle Name	
Principal Investigator Last Name	Vavilala
Degrees	MD
Position title	Associate Director
Department (P/I)	HIPRC/Pediatrics
Mailing Address	Box 359960 325 Ninth Avenue Seattle WA 98104
Email Address	vavilala@u.washington.edu
Telephone	(206) 744-3210

Applicant Organization Information

Organization Legal Name	University of Washington
Organization Address	4333 Brooklyn Ave NE
Address 2	Box 359472
Organization City	Seattle
Organization State	WA
Organization Zip	98195-9472
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	State
Organization Type - Other	Public
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Public

Project Information

Project Title	Integrating Cumulative Radiation Exposure into Medical Imaging Decision-Making
Project Start Date	7/1/2009
Project End Date	6/30/2012
Requested Cash Amount	\$1,000,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Diter
Principal Investigator Middle Name	
Principal Investigator Last Name	von Wettstein
Degrees	Ph.D, Ph.D., D.Sc.
Position title	R.A.Nilan Distinguished Professor
Department (P/I)	Dept. of Crop and Soil Sciences & School of Molecular Biosciences
Mailing Address	Department of Crop and Soil Sciences PO Box 646420 Pullman WA 99164-6420
Email Address	diter@wsu.edu
Telephone	509-335 3635

Applicant Organization Information

Organization Legal Name	Washington State University Office of Grants and Research Development; 423 Neill Hall, Room 423
Organization Address	PO Box 643140
Address 2	Pullman
Organization City	WA
Organization State	99164
Organization Zip	WHITMAN
Organization County	9
State of Washington Legislative District	State
Organization Type - General	
Organization Type - Other	
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Institute of Higher Education

Project Information

Project Title	Wheat for celiac patients and improved disease prevention
Project Start Date	9/1/2009
Project End Date	8/31/2014
Requested Cash Amount	\$1,500,000.00
Is this a resubmission?	Yes
What was the previous LSDF competition number?	08-01 Project

Principal Investigator Information

Principal Investigator First Name	Thomas
Principal Investigator Middle Name	N.
Principal Investigator Last Name	Wight
Degrees	PhD
Position title	Director, Hope Heart Program
Department (P/I)	Hope Heart Program
Mailing Address	Benaroya Research Institute 1201 Ninth Ave. Seattle WA 98101
Email Address	twight@benaroyaresearch.org
Telephone	206-341-1377

Applicant Organization Information

Organization Legal Name	Benaroya Research Institute at Virginia Mason
Organization Address	1201 9TH AVE
Address 2	
Organization City	SEATTLE
Organization State	WA
Organization Zip	98101-2795
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	Private Non-Profit Entity
Organization Type - Other	
Organization Type - Specific	Research Institute
Organization Type - Other	

Project Information

Project Title	Restoration of Elastic Fibers-A Novel Therapeutic Approach
Project Start Date	9/1/2009
Project End Date	8/31/2012
Requested Cash Amount	\$1,200,000.00
Is this a resubmission?	Yes
What was the previous LSDF competition number?	08-01 Project

Principal Investigator Information

Principal Investigator First Name	Mark
Principal Investigator Middle Name	M.
Principal Investigator Last Name	Wurfel
Degrees	M.D., Ph.D
Position title	Assistant Professor of Medicine
Department (P/I)	Department of Medicine
Mailing Address	325 9th Avenue Box 359640 Seattle WA98104
Email Address	mwurfel@u.washington.edu
Telephone	206-897-5387

Applicant Organization Information

Organization Legal Name	University of Washington
Organization Address	4333 Brooklyn Ave NE
Address 2	Box 359472
Organization City	Seattle
Organization State	WA
Organization Zip	98195-9472
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	State
Organization Type - Other	Public
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Public

Project Information

Project Title	Gene expression-based diagnosis of Ventilator Associated Pneumonia
Project Start Date	9/1/2009
Project End Date	8/31/2014
Requested Cash Amount	\$850,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Sotiris
Principal Investigator Middle Name	S
Principal Investigator Last Name	Xantheas
Degrees	Ph.D.
Position title	Laboratory Fellow
Department (P/I)	Chemical and Materials Sciences Division
Mailing Address	902 Battelle Boulevard PO Box 999 MS K1-83 Richland WA 99352
Email Address	sotiris.xantheas@pnl.gov
Telephone	509-375-3684

Applicant Organization Information

Organization Legal Name	Battelle, Pacific Northwest Division
Organization Address	PO Box 999
Address 2	
Organization City	Richland
Organization State	WA
Organization Zip	99352
Organization County	BENTON
State of Washington Legislative District	8
Organization Type - General	Private Non-Profit Entity
Organization Type - Other	
Organization Type - Specific	Research Institute
Organization Type - Other	

Project Information

Project Title	Design of nicotine analogs
Project Start Date	9/1/2009
Project End Date	8/31/2011
Requested Cash Amount	\$325,000.00
Is this a resubmission?	No
What was the previous LSDF competition number?	

Principal Investigator Information

Principal Investigator First Name	Chun
Principal Investigator Middle Name	
Principal Investigator Last Name	Yuan
Degrees	PhD
Position title	Professor of Radiology
Department (P/I)	Radiology
Mailing Address	815 Mercer St. Seattle Washington 98109
Email Address	cyuan@u.washington.edu
Telephone	206-616-9346

Applicant Organization Information

Organization Legal Name	University of Washington
Organization Address	4333 Brooklyn Ave NE
Address 2	Box 359472
Organization City	Seattle
Organization State	WA
Organization Zip	98195-9472
Organization County	KING
State of Washington Legislative District	43
Organization Type - General	State
Organization Type - Other	Public
Organization Type - Specific	Public Educational Institution
Organization Type - Other	Public

Project Information

Project Title	Cost-effective stroke abatement through detection of high-risk patients: transition to clinical practice
Project Start Date	9/1/2010
Project End Date	8/31/2014
Requested Cash Amount	\$2,000,000.00
Is this a resubmission?	Yes
What was the previous LSDF competition number?	07-01 Project, 08-01