

<b>LSDF 07-01 Proposal Summary of Available Information</b>					
<b>Applicant Organization</b>	<b>Principal Investigator</b>	<b>Project Title</b>	<b>Req Amount</b>	<b>Start Date</b>	<b>End Date</b>
Pacific Northwest Research Institute	William Hagopian, MD, PhD	Diabetes Evaluation in Washington (DEW-IT) Study	981,381	10/1/2007	9/30/2010
Evergreen Hospital Medical Center Neurosciences Institute	Jeffrey Shaw, PsyD	The use of advanced video game technology to extend or replace neurological rehabilitation treatments	444,577	1/1/2008	12/31/2008
University of Washington	Jeffrey Jarvik	A Non-Invasive Method To Localize Painful Pathology	1,131,000	9/1/2007	8/31/2010
Sacred Heart Medical Center	Bassem Bejjani	Synthetic Controls for Clinical Molecular Diagnostic Testing	450,000	1/1/2008	12/31/2010
Washington State University	John P. McNamara	Using gene array analysis to determine individual responses to dietary components to improve human and animal health	372,816	9/1/2007	8/31/2009
University of Washington	Sam R. Sharar, MD	Clinical Applications of Virtual Reality Analgesia	778,283	1/1/2008	12/31/2010
Washington State University	Diane Cook	Smart Environment Support to Assist Elder Adults and People with Disabilities	779,240	1/1/2008	12/31/2010
University of Washington	Carol Collins MD	Intelligent Clinical Decision Support System to Improve Drug Safety	667,773	10/1/2007	9/30/2010
Kadlec Clinic	Neil W. Rawlins MD	Defining Successful Characteristics of EMR Implementation	946,142	10/1/2009	10/1/2009
Qualis Health	Philip Jeffrey Hummel, MD, MPH	Applying Health Information Technology to Improve Medication Management	530,000	10/1/2007	4/30/2008
University of Washington	Nancy B. Kiviat MD	Biomarkers for identification, clinical management and novel treatment of Pancreatic Cancer	974,968	10/1/2007	9/30/2010
Group Health Cooperative	Gregory E Simon	Depression care management by electronic secure messaging	378,186	10/1/2007	9/30/2009
Eastern Washington University	Tanya Kinney LaPier, PT, PhD, CCS	Promoting Exercise and Increased Physical Activity Behavior Adoption and Maintenance in Patients with Coronary Heart Disease Using Interactive Technology	689,483	11/1/2007	10/31/2010
Children's Hospital and Regional Medical Center	Blythe Thomson MD	Pediatric Oncology Survivorship Database	999,954	9/1/2007	8/31/2010
University of Washington	Daniel T. Chiu	Monitoring Breast-Cancer Metastasis and Treatment Efficacy	760,000	10/1/2007	9/30/2010
University of Washington	Kenneth A. Schenkman	Real-time critical care monitoring of cellular oxygenation	956,090	1/1/2008	12/31/2010
University of Washington	Jay T Rubinstein, MD, PhD	Improved music perception with cochlear implants	902,674	10/1/2007	9/30/2010
University of Washington	Tueng T. Shen	Ensure Sight: Intraocular drug delivery for cataract surgery	350,000	10/1/2007	10/1/2008
University of Washington	Alvin Y. Liu	Biomarkers for Cancer Detection and Disease Stratification	1,338,178	12/1/2007	11/30/2010
Children's Hospital and Regional Medical Center	James Phillips, MD	Reducing eye movement morbidity following pediatric brain tumor surgery	599,999	10/1/2007	9/30/2010
Children's Hospital and Regional Medical Center	Dimitri A. Christakis	Mychildsasthma.com: A randomized trial of an internet site to improve asthma outcomes for children in WA State	1,022,107	1/1/2008	12/31/2010
Children's Hospital and Regional Medical Center	Kathleen Myers, MD, MPH	Telemental Health to Improve Care For Children in Underserved Communities	1,134,199	10/1/2007	9/30/2010
Children's Hospital and Regional Medical Center	Rita Mangione-Smith	Improving Quality of Care for Medically Complex Children Using Web-Based, Family-Centered Care Coordination	708,116	10/1/2007	6/30/2010
University of Washington	Chun Yuan	Using MRI to Improve Quality and Cost-Efficiency of Cardiovascular Disease Treatment and Prevention	1,725,689	10/1/2007	9/30/2010

Applicant Organization	Principal Investigator	Project Title	Req Amount	Start Date	End Date
University of Washington	James Stout	A Practical Model to Transform Asthma Care in the State of Washington	641,870	10/1/2007	12/31/2009
Group Health Cooperative	Jeffrey Sullivan	Performance of a randomized controlled trial of in-patient and outpatient sleep testing in a community-based sample to improve early diagnosis, treatment and adherence for individuals with obstructive sleep apnea (OSA).	1,383,725	1/1/2008	12/31/2010
University of Washington	John I Clark, PhD	Beneficial application of QLS technology for improved detection and quantified progression of muscular disorders and neurodegenerative diseases in vivo.	204,733	11/1/2007	10/31/2009
Washington State University	Kenn B. Daratha	Spokane Hospital's Clinical Research Data Repository	331,941	10/1/2007	9/30/2009
University of Washington	Daniel F. Leotta, PhD	A Low-Cost Computerized Image Capture and Analysis System for Clinical Ultrasound Studies	440,741	10/1/2007	9/30/2009
University of Washington	John Mittler	Optimizing HIV-1 Treatment Strategies to Reduce Drug Costs and Toxicities	250,000	9/1/2007	8/31/2010
University of Washington	Raymond Yeung	Contrast-enhanced ultrasound in thermal ablation of liver cancer	600,000	10/1/2007	9/30/2010
Swedish Medical Center	Gregory Foltz MD	The Use of Chemotherapeutic "Tracer Doses" for Personalized Medicine in the Treatment of Brain Tumors	554,512	10/1/2007	10/31/2010
Afya World Medicines	Edward A. Kesicki	Discovery of small-molecule drugs against persistent and drug-resistant forms of tuberculosis	999,954	11/1/2007	5/31/2009
University of Washington	Dr. Eric Seibel	Minimally-invasive image-guided biopsy from the peripheral lung	994,124	1/1/2008	12/31/2010
Washington State University	Cornelius F. Ivory	Rapid fingerprinting of cardiac biomarkers.	750,000	10/1/2007	9/30/2010
University of Washington	David Tirschwell, MD	Harborview Tele-Stroke Outreach Program	999,590	1/1/2008	12/31/2010
University of Washington	Michael Katze, Ph.D.	Use of a Unique Proteomic Platform for Discovery of Plasma Biomarkers of Liver Fibrosis	700,000	10/1/2007	9/30/2009
Virginia Mason Medical Center	Marnee Iseman, MHA	A Mistake-Proofed System for Optimal Delivery of Preventive Health in Primary Care	1,000,000	1/1/2008	12/31/2010
University of Washington	David R Flum, MD, MPH	Surgical Care and Outcomes Assessment Program	1,354,322	10/1/2007	9/30/2010
University of Washington	Ann Vander Stoep	Adolescent Depression: Early Recognition and Support Project	400,000	10/1/2007	9/30/2009
University of Washington	Thomas F. Flemmig	Oral Care Decision-Support System	849,988	10/1/2007	9/30/2010
Washington State University	Suzan Kardong-Edgren	Using Human Patient Simulation to Improve Recognition of Need for Rescue	621,991	9/18/2007	9/18/2010
University of Washington	Daniel E. Sabath	Use of nanobead technology to design optimal oligonucleotide hybridization probes	659,142	10/1/2007	9/30/2011
Western Washington University	Ronald Kleinknecht	Effects of personal health records on health outcomes	740,296	10/1/2007	9/30/2009
Washington State University	Herbert H. Hill	Novel Device for Sensing Biomarkers.	499,999	10/1/2007	9/30/2010
Washington State University	Amit Bandyopadhyay	Real time 3D Medical Ultrasound Imaging Using Low Cost 2D Array Transducers	585,159	10/1/2007	9/30/2010
Swedish Health Services, Swedish Medical Center	David Newell, MD	IHUT (Intracranial and Intraventricular Hemorrhage with Ultrasound Enhanced Thrombolysis)	169,532	10/15/2007	6/15/2008
Washington State University	Emily Carolyn Johnson	Screening Adolescents for Early Markers of Atherosclerosis and the Effect of Physical Activity and Dietary Interventions on These Surrogate Markers	225,000	10/1/2007	12/31/2010

Applicant Organization	Principal Investigator	Project Title	Req Amount	Start Date	End Date
University of Washington	Jesse C. Wiley	Small molecule chaperone treatment for Alzheimer's Disease	686,970	9/1/2007	8/31/2010
University of Washington	Deborah A. Nickerson	Applying High Throughput Genomics to Identify New Targets for the Prevention of Cardiovascular Disease and its Complications	812,152	9/1/2007	8/31/2008
University of Washington	Florence Sheehan	Monitoring Heart Function in Patients with Pulmonary Hypertension	349,145	10/1/2007	9/30/2009
Washington State University	Joseph Coyne	A Technological Application Of A Web-Based Self-Administrated Screening Tool (Finnish Diabetes Risk Score-(FINDRISC) To Identify The High Risk Population And To Prevent Type 2 Diabetes In Washington State	1,100,000	10/1/2007	9/30/2010
University of Washington	Ram (Vaikuntanath V) Samudrala	Therapeutic Discovery Against Herpes and HIV	800,000	9/1/2007	8/31/2010
University of Washington	Donna L. Berry	Patient-centered Technologies for Enhanced Healthcare Assessment and Intervention	999,964	10/1/2007	9/30/2009
University of Washington	Yongmin Kim	Evidence-based Diabetic Foot Ulcer Care	386,155	12/1/2007	5/31/2009
University of Washington	Paul Yager	Monitoring of Therapeutic Drug Levels in Saliva with a Hand-Held System	748,000	10/1/2007	3/31/2009
Rural Resources Community Action	Theresa J. Elders	Tapping Technology for Healthcare Education	379,891	9/1/2007	8/30/2009
University of Washington	Andy Chien	Development of a medical school curriculum to improve physician-nurse communication skills	479,500	1/1/2008	1/1/2012
University of Washington	Chung, Jae-Hyun	Sampling, concentration, and detection of nuclei acids for cancer diagnostics	390,000	10/1/2007	9/30/2010
Association of Washington Public Hospital Districts	Jeff Mero	Assessing Readiness for Telehealth/Telemedicine Services	529,117	10/1/2007	3/31/2009
Washington State University	David A. Sclar, B.Pharm., Ph.D.	Use of Cartography and Pharmacotherapy Signal Data to Monitor Diffusion of Innovation, Concordance with Evidence-Based Prescribing Guidelines, and the Targeting of Educational Intervention Strategies	575,794	10/1/2007	9/30/2009
University of Washington	H. Asuman Kiyak	Integrating Electronic Medication Adherence Information into Health Care Delivery	967,480	10/1/2007	9/30/2010
SEATTLE INSTITUTE FOR BIOMEDICAL AND CLINICAL RESEARCH	Elaine Peskind	Mild TBI and Biomarkers of Neurodegeneration	1,860,117	1/1/2008	12/31/2011
Children's Hospital and Regional Medical Center	Eugene Kolker	Personalized Medical Record Smart Cards	999,548	10/1/2007	9/30/2010
University of Washington	Sullivan, Sean D.	Improving the Quality and Cost-Effectiveness of Chronic Care through use of Automated Health Information Technology	867,417	11/1/2007	10/31/2009
Washington State University	Susmita Bose	Low Cost Surface Modified Metallic Implants	499,312	10/1/2007	9/30/2010
Fred Hutchinson Cancer Research Center	Norman M Greenberg	Multimodal Therapy for Advanced Prostate Cancer	862,500	10/1/2007	9/30/2010
Fred Hutchinson Cancer Research Center	Oliver W. Press	Therapy of B Cell Lymphomas with Targeted siRNA	517,500	9/17/2007	9/17/2010
Community Health Association of Spokane	Heather McNamee, PharmD	Community Pharmacy Project	1,129,278	11/1/2007	10/31/2010

<b>Applicant Organization</b>	<b>Principal Investigator</b>	<b>Project Title</b>	<b>Req Amount</b>	<b>Start Date</b>	<b>End Date</b>
University of Washington	Debra A. Schwinn	Enhancing Perioperative Cardiovascular Outcomes in Humans: Elucidating Genetic Variability in Mitochondrial Response to Imposed Oxidant Stress via Targeted Proteomics & Metabolomic Approaches & Integrated Systems Medicine Analysis	1,200,000	10/1/2007	9/30/2010
University of Washington	Jay W. Heinecke	HDL Proteomics in the Diagnosis of Cardiovascular Disease	690,150	10/1/2007	9/30/2010
Valley General Hospital Foundation	Lisa Norton	Pharmacy Management; Advancements in Medication Administration	646,755	11/1/2007	10/31/2008
Public Health-Seattle & King County	Cheza Garvin, PhD, MPH, MSW	Test of the Efficacy of Culturally Tailored, In-Language Video Training Compared to In-Person Classroom Training for Diabetes Education	1,296,887	10/1/2007	9/30/2010
University of Washington- Harborview Medical Center	Graham Nichol	Hemofiltration to Extend Resuscitation After Out-of-Hospital Cardiac Arrest (HERO) Trial	1,345,884	10/1/2007	9/30/2010