

**LSDF 2010 COMMERCIALIZATION GRANT PRE-PROPOSAL  
CONFIDENTIAL TO LIFE SCIENCES DISCOVERY FUND  
REQUEST ID: 3873436**

**PRINCIPAL INVESTIGATOR INFORMATION**

Principal Investigator: Suhail Ahmad  
Degrees: MD  
Position Title: Professor  
Department/Division: Medicine/Nephrology  
Mailing Address: 2150 N 107th St. Suite 160Seattle, WA 98133-9031  
Telephone: 206-543-2095  
Email Address: sahmad@u.washington.edu

**APPLICANT ORGANIZATION INFORMATION**

Organization Legal Name: University of Washington  
Address: 4333 Brooklyn Avenue NE, Box 359472  
City/State/Zip: Seattle, WA 98195-9472  
County: King  
Legislative District (WA): 43  
Organization Type – General: State  
Organization Type – Other: Public Education Institution  
Organization Type – Specific: Public Education Institution  
Organization Type – Other: Public

**PROJECT INFORMATION**

Title: Innovative Detoxification Column  
Funding Request Period: 9/1/2010 - 8/31/2011  
Requested Funding Amount: \$ 150000  
Is this a resubmission?  
If resubmission, what was the  
previous LSDF competition  
number?

**LSDF 2010 COMMERCIALIZATION GRANT PRE-PROPOSAL  
CONFIDENTIAL TO LIFE SCIENCES DISCOVERY FUND  
REQUEST ID: 3877300**

**PRINCIPAL INVESTIGATOR INFORMATION**

Principal Investigator: Adam Alessio  
Degrees: PhD  
Position Title: Research Assistant Professor  
Department/Division: Radiology  
Mailing Address: University of Washington, Box 3579874000 15th Ave NE Seattle, WA  
98195-7987  
Telephone: 206-543-2419  
Email Address: aalessio@uw.edu

**APPLICANT ORGANIZATION INFORMATION**

Organization Legal Name: University of Washington  
Address: 4333 Brooklyn Avenue NE, Box 359472  
City/State/Zip: Seattle, WA 98195-9472  
County: King  
Legislative District (WA): 43  
Organization Type – General: State  
Organization Type – Other: Public Education Institution  
Organization Type – Specific: Public Education Institution  
Organization Type – Other: Public

**PROJECT INFORMATION**

Title: Dedicated Computed Tomography System for Evaluation of  
Atherosclerotic Plaque Progression  
Funding Request Period: 8/1/2010 - 8/1/2011  
Requested Funding Amount: \$ 110000  
Is this a resubmission?  
If resubmission, what was the  
previous LSDF competition  
number?

**LSDF 2010 COMMERCIALIZATION GRANT PRE-PROPOSAL  
CONFIDENTIAL TO LIFE SCIENCES DISCOVERY FUND  
REQUEST ID: 3871378**

**PRINCIPAL INVESTIGATOR INFORMATION**

Principal Investigator: Clifford Berkman  
Degrees: Ph.D., B.A.  
Position Title: Professor  
Department/Division: Chemistry  
Mailing Address: Washington State University Pullman, WA. 99164-4630  
Telephone: (509)335-7613  
Email Address: cberkman@wsu.edu

**APPLICANT ORGANIZATION INFORMATION**

Organization Legal Name: Washington State University  
Address: OGRD PO Box 643140  
City/State/Zip: Pullman, WA 99164  
County: Whitman  
Legislative District (WA): 9  
Organization Type – General: State  
Organization Type – Other: Institute of Higher Education  
Organization Type – Specific: Institute of Higher Education  
Organization Type – Other: Public Education Institution

**PROJECT INFORMATION**

Title: Imaging Angiogenesis in Solid Tumors  
Funding Request Period: 7/1/2010 - 6/30/2011  
Requested Funding Amount: \$ 150000  
Is this a resubmission?  
If resubmission, what was the  
previous LSDF competition  
number?

**LSDF 2010 COMMERCIALIZATION GRANT PRE-PROPOSAL  
CONFIDENTIAL TO LIFE SCIENCES DISCOVERY FUND  
REQUEST ID: 3866028**

**PRINCIPAL INVESTIGATOR INFORMATION**

Principal Investigator: Julie Brown  
Degrees: MDCM, MPH  
Position Title: Assistant Professor  
Department/Division: Pediatrics/Emergency  
Mailing Address: Seattle Childrens HospitalMS B5520POBox 53714800 Sand Point Way  
NESeattle WA 98105  
Telephone: 206 987 4016  
Email Address: julie.brown@seattlechildrens.org

**APPLICANT ORGANIZATION INFORMATION**

Organization Legal Name: Seattle Children's Hospital  
Address: Office of Sponsored Research, 4800 San Point Way NE, MPW5-1  
City/State/Zip: Seattle, WA 98105  
County: King  
Legislative District (WA): 46  
Organization Type – General: Private Non-Profit Entity  
Organization Type – Other: Hospital  
Organization Type – Specific: Hospital  
Organization Type – Other:

**PROJECT INFORMATION**

Title: A Randomized Clinical Trial of Pediatric Lumbar Puncture Success using  
The Compass, a Compact Quantitative Pressure Transducer  
Funding Request Period: 7/21/2010 - 7/20/2011  
Requested Funding Amount: \$ 150000  
Is this a resubmission?  
If resubmission, what was the  
previous LSDF competition  
number?

**LSDF 2010 COMMERCIALIZATION GRANT PRE-PROPOSAL  
CONFIDENTIAL TO LIFE SCIENCES DISCOVERY FUND  
REQUEST ID: 3874063**

**PRINCIPAL INVESTIGATOR INFORMATION**

Principal Investigator: Randal Ching  
Degrees: B.S., M.S., Ph.D.  
Position Title: Research Associate Professor  
Department/Division: Dept. of Mechanical Engineering  
Mailing Address: UW Applied Biomechanics Laboratory 501 East Lake Ave E, Suite  
102 Seattle, WA 98109  
Telephone: 206-625-0756  
Email Address: rc@u.washington.edu

**APPLICANT ORGANIZATION INFORMATION**

Organization Legal Name: University of Washington  
Address: 4333 Brooklyn Avenue NE, Box 359472  
City/State/Zip: Seattle, WA 98195-9472  
County: King  
Legislative District (WA): 43  
Organization Type – General: State  
Organization Type – Other: Public Education Institution  
Organization Type – Specific: Public Education Institution  
Organization Type – Other: Public

**PROJECT INFORMATION**

Title: Evaluation of a Seating Technology for Improving Core Stabilization to  
Treat/Prevent Low Back Pain  
Funding Request Period: 8/15/2010 - 8/14/2011  
Requested Funding Amount: \$ 150000  
Is this a resubmission? Yes  
If resubmission, what was the  
previous LSDF competition  
number? 2009 Winter Commercialization

**LSDF 2010 COMMERCIALIZATION GRANT PRE-PROPOSAL  
CONFIDENTIAL TO LIFE SCIENCES DISCOVERY FUND  
REQUEST ID: 3872957**

**PRINCIPAL INVESTIGATOR INFORMATION**

Principal Investigator: Karl Englund  
Degrees: BS, MS, Ph.D.  
Position Title: Assistant Research Professor and Extension Specialist  
Department/Division: Civil Engineering/Extension  
Mailing Address: Composite Materials and Engineering Center  
1445 Terre View Dr. Suite  
B Pullman, WA 99164-1806  
Telephone: 5093356259  
Email Address: englund@wsu.edu

**APPLICANT ORGANIZATION INFORMATION**

Organization Legal Name: Washington State University  
Address: OGRD PO Box 643140  
City/State/Zip: Pullman, WA 99164  
County: Whitman  
Legislative District (WA): 9  
Organization Type – General: State  
Organization Type – Other: Institute of Higher Education  
Organization Type – Specific: Institute of Higher Education  
Organization Type – Other: Public Education Institution

**PROJECT INFORMATION**

Title: Replacement of Lead-based Radiation Shielding Materials with  
Phosphate Cement Composites  
Funding Request Period: 7/1/2010 - 6/30/2011  
Requested Funding Amount: \$ 149960  
Is this a resubmission?  
If resubmission, what was the  
previous LSDF competition  
number?

**LSDF 2010 COMMERCIALIZATION GRANT PRE-PROPOSAL  
CONFIDENTIAL TO LIFE SCIENCES DISCOVERY FUND  
REQUEST ID: 3877874**

**PRINCIPAL INVESTIGATOR INFORMATION**

Principal Investigator: Jay Gerlach  
Degrees: BS, MBA  
Position Title: Senior Commercialization Associate  
Department/Division: Technology Solutions, Diagnostics  
Mailing Address: PO Box 900922Seattle, WA 98109  
Telephone: 206-302-4754  
Email Address: jgerlach@path.org

**APPLICANT ORGANIZATION INFORMATION**

Organization Legal Name: Program for Appropriate Technology in Health (PATH)  
Address: 2201 Westlake Avenue, Suite 200  
City/State/Zip: Seattle, WA 98121  
County: King  
Legislative District (WA): 36  
Organization Type – General: Private Non-Profit Entity  
Organization Type – Other:  
Organization Type – Specific:  
Organization Type – Other: Global Health Research Institute

**PROJECT INFORMATION**

Title: Leukocyte Sample Preparation Method  
Funding Request Period: 8/1/2010 - 7/31/2011  
Requested Funding Amount: \$ 150000  
Is this a resubmission?  
If resubmission, what was the  
previous LSDF competition  
number?

**LSDF 2010 COMMERCIALIZATION GRANT PRE-PROPOSAL  
CONFIDENTIAL TO LIFE SCIENCES DISCOVERY FUND  
REQUEST ID: 3873846**

**PRINCIPAL INVESTIGATOR INFORMATION**

Principal Investigator: Diana Gilligan  
Degrees: M.D.-Ph.D  
Position Title: Associate Member  
Department/Division: Research  
Mailing Address: Puget Sound Blood Center 921 Terry Avenue Seattle, WA 98104  
Telephone: 206 398 5950  
Email Address: dianag@psbc.org

**APPLICANT ORGANIZATION INFORMATION**

Organization Legal Name: Puget Sound Blood Center  
Address: 921 Terry Avenue  
City/State/Zip: Seattle, WA 98104  
County: King  
Legislative District (WA): 43  
Organization Type – General: Private Non-Profit Entity  
Organization Type – Other: Blood Center  
Organization Type – Specific: Blood Center  
Organization Type – Other:

**PROJECT INFORMATION**

Title: Rapid analysis of finger-stick dried blood spots by mass spec  
Funding Request Period: 8/1/2010 - 7/31/2011  
Requested Funding Amount: \$ 150000  
Is this a resubmission?  
If resubmission, what was the  
previous LSDF competition  
number?

**LSDF 2010 COMMERCIALIZATION GRANT PRE-PROPOSAL  
CONFIDENTIAL TO LIFE SCIENCES DISCOVERY FUND  
REQUEST ID: 3873517**

**PRINCIPAL INVESTIGATOR INFORMATION**

Principal Investigator: Carla Grandori  
Degrees: MD PhD  
Position Title: Director and Research Associate Professor  
Department/Division: Pharmacology  
Mailing Address: University of Washington School of Medicine 815 Mercer Street, Box  
358056Seattle, WA. 98109  
Telephone: 206-543-8119 or 667-1835  
Email Address: grandc@u.washington.edu

**APPLICANT ORGANIZATION INFORMATION**

Organization Legal Name: University of Washington  
Address: 4333 Brooklyn Avenue NE, Box 359472  
City/State/Zip: Seattle, WA 98195-9472  
County: King  
Legislative District (WA): 43  
Organization Type – General: State  
Organization Type – Other: Public Education Institution  
Organization Type – Specific: Public Education Institution  
Organization Type – Other: Public

**PROJECT INFORMATION**

Title: Seattle Screens for a Cure  
Funding Request Period: 8/1/2010 - 7/31/2011  
Requested Funding Amount: \$ 150000  
Is this a resubmission?  
If resubmission, what was the  
previous LSDF competition  
number?

**LSDF 2010 COMMERCIALIZATION GRANT PRE-PROPOSAL  
CONFIDENTIAL TO LIFE SCIENCES DISCOVERY FUND  
REQUEST ID: 3877279**

**PRINCIPAL INVESTIGATOR INFORMATION**

Principal Investigator: Shelly Heimfeld  
Degrees: PhD  
Position Title: Member  
Department/Division: Clinical Research  
Mailing Address: 1100 Fairview Ave. N.D5-102Seattle, WA  
Telephone: 2066674004  
Email Address: sheimfel@fhcrc.org

**APPLICANT ORGANIZATION INFORMATION**

Organization Legal Name: Fred Hutchinson Cancer Research Center  
Address: 1100 Fairview Avenue North, J6-500  
City/State/Zip: Seattle, WA 98109-1024  
County: King  
Legislative District (WA): 43  
Organization Type – General: Private Non-Profit Entity  
Organization Type – Other: Research Institute  
Organization Type – Specific: Research Institute  
Organization Type – Other:

**PROJECT INFORMATION**

Title: Genetic Reprogramming of Human B-cells with a Novel Lentiviral Vector to Produce Broadly Neutralizing anti-HIV antibodies in vivo.  
Funding Request Period: 8/1/2010 - 7/31/2011  
Requested Funding Amount: \$ 150000  
Is this a resubmission?  
If resubmission, what was the previous LSDF competition number?

**LSDF 2010 COMMERCIALIZATION GRANT PRE-PROPOSAL  
CONFIDENTIAL TO LIFE SCIENCES DISCOVERY FUND  
REQUEST ID: 3845505**

**PRINCIPAL INVESTIGATOR INFORMATION**

Principal Investigator: Rodney Ho  
Degrees: Ph.D.  
Position Title: Milo Gibaldi Endowed Professor  
Department/Division: Pharmaceutics  
Mailing Address: Department of Pharmaceutics Box 357610 University of  
Washington Seattle, WA 98195-7610  
Telephone: 206-543-3796  
Email Address: rodneyho@u.washington.edu

**APPLICANT ORGANIZATION INFORMATION**

Organization Legal Name: University of Washington  
Address: 4333 Brooklyn Avenue NE, Box 359472  
City/State/Zip: Seattle, WA 98195-9472  
County: King  
Legislative District (WA): 43  
Organization Type – General: State  
Organization Type – Other: Public Education Institution  
Organization Type – Specific: Public Education Institution  
Organization Type – Other: Public

**PROJECT INFORMATION**

Title: Gd-lipid nanoparticles for a Safer and More Effective MRI Contrast Agent  
Funding Request Period: 7/21/2010 - 7/20/2011  
Requested Funding Amount: \$ 150000  
Is this a resubmission?  
If resubmission, what was the previous LSDF competition number?

**LSDF 2010 COMMERCIALIZATION GRANT PRE-PROPOSAL  
CONFIDENTIAL TO LIFE SCIENCES DISCOVERY FUND  
REQUEST ID: 3871041**

**PRINCIPAL INVESTIGATOR INFORMATION**

Principal Investigator: Carli Hoaglan  
Degrees: B.S., M.D.  
Position Title: Faculty Anesthesiologist  
Department/Division: Department of Anesthesiology  
Mailing Address: Mailstop: B2-AN1100 Ninth Avenue Seattle, WA 98101-2756  
Telephone: 206-223-6980  
Email Address: Carli.Hoaglan@vmmc.org

**APPLICANT ORGANIZATION INFORMATION**

Organization Legal Name: Benaroya Research Institute 1201 Ninth Avenue, Seattle WA 98101  
Address: Benaroya Research Institute at Virginia Mason  
City/State/Zip: 1201 9th Avenue  
County: Seattle, WA 98101  
Legislative District (WA): 43  
Organization Type – General: Private Non-Profit Entity  
Organization Type – Other: Research Institute  
Organization Type – Specific: Research Institute  
Organization Type – Other:

**PROJECT INFORMATION**

Title: A novel device displaying real-time continuous pressure readings during central venous catheter placement.  
Funding Request Period: 11/1/2010 - 10/31/2011  
Requested Funding Amount: \$ 150000  
Is this a resubmission?  
If resubmission, what was the previous LSDF competition number?

**LSDF 2010 COMMERCIALIZATION GRANT PRE-PROPOSAL  
CONFIDENTIAL TO LIFE SCIENCES DISCOVERY FUND  
REQUEST ID: 3872097**

**PRINCIPAL INVESTIGATOR INFORMATION**

Principal Investigator: David Hockenbery  
Degrees: B.S., M.D.  
Position Title: Member  
Department/Division: Clinical Research  
Mailing Address: Fred Hutchinson Cancer Research Center  
1100 Fairview Avenue  
NorthMailstop D2-190Seattle, WA 98109  
Telephone: 206-667-4611  
Email Address: dhockenb@fhcrc.org

**APPLICANT ORGANIZATION INFORMATION**

Organization Legal Name: Fred Hutchinson Cancer Research Center  
Address: 1100 Fairview Avenue North, J6-500  
City/State/Zip: Seattle, WA 98109-1024  
County: King  
Legislative District (WA): 43  
Organization Type – General: Private Non-Profit Entity  
Organization Type – Other: Research Institute  
Organization Type – Specific: Research Institute  
Organization Type – Other:

**PROJECT INFORMATION**

Title: Gain-of-function targeted inhibitors for cancer treatment  
Funding Request Period: 8/1/2010 - 7/31/2011  
Requested Funding Amount: \$ 150000  
Is this a resubmission?  
If resubmission, what was the  
previous LSDF competition  
number?

**LSDF 2010 COMMERCIALIZATION GRANT PRE-PROPOSAL  
CONFIDENTIAL TO LIFE SCIENCES DISCOVERY FUND  
REQUEST ID: 3872371**

**PRINCIPAL INVESTIGATOR INFORMATION**

Principal Investigator: Shaoyi Jiang  
Degrees: Ph.D.  
Position Title: Boeing-Roundhill Professor  
Department/Division: Chemical Engineering  
Mailing Address: Department of Chemical Engineering University of Washington Benson  
Hall Seattle, WA 98195  
Telephone: 206-616-6509  
Email Address: sjiang@u.washington.edu

**APPLICANT ORGANIZATION INFORMATION**

Organization Legal Name: University of Washington  
Address: 4333 Brooklyn Avenue NE, Box 359472  
City/State/Zip: Seattle, WA 98195-9472  
County: King  
Legislative District (WA): 43  
Organization Type – General: State  
Organization Type – Other: Public Education Institution  
Organization Type – Specific: Public Education Institution  
Organization Type – Other: Public

**PROJECT INFORMATION**

Title: Super Stable Zwitterionic Polymer-conjugated Therapeutic Protein  
Drugs  
Funding Request Period: 6/16/2010 - 6/15/2011  
Requested Funding Amount: \$ 150000  
Is this a resubmission?  
If resubmission, what was the  
previous LSDF competition  
number?

**LSDF 2010 COMMERCIALIZATION GRANT PRE-PROPOSAL  
CONFIDENTIAL TO LIFE SCIENCES DISCOVERY FUND  
REQUEST ID: 3876920**

**PRINCIPAL INVESTIGATOR INFORMATION**

Principal Investigator: Brian Kraft  
Degrees: PhD, BA, BS  
Position Title: Technology Manager  
Department/Division: Office of Intellectual Property Administration  
Mailing Address: 1610 NE Eastgate Blvd Suite 650 Pullman, WA 99164-1802  
Telephone: 509-335-7065  
Email Address: bkraft@wsu.edu

**APPLICANT ORGANIZATION INFORMATION**

Organization Legal Name: Washington State University  
Address: OGRD PO Box 643140  
City/State/Zip: Pullman, WA 99164  
County: Whitman  
Legislative District (WA): 9  
Organization Type – General: State  
Organization Type – Other: Institute of Higher Education  
Organization Type – Specific: Institute of Higher Education  
Organization Type – Other: Public Education Institution

**PROJECT INFORMATION**

Title: Prototype development for Dr. Diane Cook's Intelligent Environment technologies  
Funding Request Period: 9/1/2010 - 8/31/2011  
Requested Funding Amount: \$ 150000  
Is this a resubmission?  
If resubmission, what was the previous LSDF competition number?

**LSDF 2010 COMMERCIALIZATION GRANT PRE-PROPOSAL  
CONFIDENTIAL TO LIFE SCIENCES DISCOVERY FUND  
REQUEST ID: 3877589**

**PRINCIPAL INVESTIGATOR INFORMATION**

Principal Investigator: David Linker  
Degrees: MD, MSE  
Position Title: Associate Professor  
Department/Division: Internal Medicine/Cardiology  
Mailing Address: 1959 NE Pacific, AA510BBox 356422Seattle, WA 98195-6422  
Telephone: 206-685-0125  
Email Address: dtlinker@uw.edu

**APPLICANT ORGANIZATION INFORMATION**

Organization Legal Name: University of Washington  
Address: 4333 Brooklyn Avenue NE, Box 359472  
City/State/Zip: Seattle, WA 98195-9472  
County: King  
Legislative District (WA): 43  
Organization Type – General: State  
Organization Type – Other: Public Education Institution  
Organization Type – Specific: Public Education Institution  
Organization Type – Other: Public

**PROJECT INFORMATION**

Title: Screening for a preventable cause of stroke  
Funding Request Period: 9/1/2010 - 8/31/2011  
Requested Funding Amount: \$ 150000  
Is this a resubmission?  
If resubmission, what was the  
previous LSDF competition  
number?

**LSDF 2010 COMMERCIALIZATION GRANT PRE-PROPOSAL  
CONFIDENTIAL TO LIFE SCIENCES DISCOVERY FUND  
REQUEST ID: 3844921**

**PRINCIPAL INVESTIGATOR INFORMATION**

Principal Investigator: Harlan Robins  
Degrees: Ph.D.  
Position Title: Assistant Faculty Member  
Department/Division: Computational Biology  
Mailing Address: MailStop: M1-B8141100 Fairview Ave NSeattle, WA 98109  
Telephone: 206-667-2571  
Email Address: hrobins@fhcrc.org

**APPLICANT ORGANIZATION INFORMATION**

Organization Legal Name: Fred Hutchinson Cancer Research Center  
Address: 1100 Fairview Avenue North, J6-500  
City/State/Zip: Seattle, WA 98109-1024  
County: King  
Legislative District (WA): 43  
Organization Type – General: Private Non-Profit Entity  
Organization Type – Other: Research Institute  
Organization Type – Specific: Research Institute  
Organization Type – Other:

**PROJECT INFORMATION**

Title: High-throughput Sequencing of T-cell Receptors  
Funding Request Period: 8/1/2010 - 7/31/2011  
Requested Funding Amount: \$ 150000  
Is this a resubmission? Yes  
If resubmission, what was the previous LSDF competition number? 2009 Summer Commercialization

**LSDF 2010 COMMERCIALIZATION GRANT PRE-PROPOSAL  
CONFIDENTIAL TO LIFE SCIENCES DISCOVERY FUND  
REQUEST ID: 3876999**

**PRINCIPAL INVESTIGATOR INFORMATION**

Principal Investigator: Eric Seibel  
Degrees: BS (Cornell), MS (Berkeley), and PhD (UW, Bioengineering)  
Position Title: Research Associate Professor  
Department/Division: Dept. Mechanical Engineering  
Mailing Address: 204 Fluke Hall, Mason Road Human Photonics Laboratory University of  
Washington, Box 352600 Seattle, WA 98195  
Telephone: 2066161486  
Email Address: eseibel@u.washington.edu

**APPLICANT ORGANIZATION INFORMATION**

Organization Legal Name: University of Washington  
Address: 4333 Brooklyn Avenue NE, Box 359472  
City/State/Zip: Seattle, WA 98195-9472  
County: King  
Legislative District (WA): 43  
Organization Type – General: State  
Organization Type – Other: Public Education Institution  
Organization Type – Specific: Public Education Institution  
Organization Type – Other: Public

**PROJECT INFORMATION**

Title: Laser imaging for early caries detection and cost-efficient oral health  
Funding Request Period: 9/1/2010 - 8/31/2011  
Requested Funding Amount: \$ 150000  
Is this a resubmission? Yes  
If resubmission, what was the  
previous LSDF competition  
number? 2009 Winter Commercialization; 2009 Summer Commercialization

**LSDF 2010 COMMERCIALIZATION GRANT PRE-PROPOSAL  
CONFIDENTIAL TO LIFE SCIENCES DISCOVERY FUND  
REQUEST ID: 3868007**

**PRINCIPAL INVESTIGATOR INFORMATION**

Principal Investigator: Thomas Wight  
Degrees: PhD  
Position Title: Director, Hope Heart Program  
Department/Division: Hope Heart Program  
Mailing Address: Benaroya Research Institute 1201 Ninth Avenue Seattle, WA 98101  
Telephone: (206) 341-1377  
Email Address: [twight@benaroyaresearch.org](mailto:twight@benaroyaresearch.org)

**APPLICANT ORGANIZATION INFORMATION**

Organization Legal Name: Benaroya Research Institute at Virginia Mason  
Address: 1201 9th Avenue  
City/State/Zip: Seattle, WA 98101  
County: King  
Legislative District (WA): 43  
Organization Type – General: Private Non-Profit Entity  
Organization Type – Other: Research Institute  
Organization Type – Specific: Research Institute  
Organization Type – Other:

**PROJECT INFORMATION**

Title: Targeting the versican V3 protein as a therapeutic for saphenous vein graft bypass failure  
Funding Request Period: 8/1/2010 - 7/31/2011  
Requested Funding Amount: \$ 150000  
Is this a resubmission? Yes  
If resubmission, what was the previous LSDF competition number? 2008 Project, 2009 Project, 2009 Winter Commercialization