



COLORADO

Office of Economic Development
& International Trade

House Finance Committee

Senate Finance Committee

Bioscience Discovery Evaluation Grant Program Update
as of
June 30, 2015

By the Colorado Office of Economic Development and International Trade

The Bioscience Discovery Evaluation Grant Program (BDEGP) and Cash Fund was first created in statute in 2006 and the program terminated in January 2015. The mission for supporting the development of novel technologies and commercializing those in Colorado is now supported under the Advanced Industry Accelerator Program which continues to support the Bioscience sector. In its final year, Fiscal Year 2014-2015, the program continued to offer two targeted programs, Proof of Concept and Early Stage Capital and Retention Grants to support the Colorado Bioscience industry. 20 grants were awarded and 33 grants remain active. For the active grants still open, 15.97 jobs have been created while 11 were retained. \$4,991,276 was leveraged in follow-on capital. 3 new companies have been started and 12 new patents have been filed.

Twenty Projects were approved for funding in Fiscal Year 2014-2015.

Program	Grantee	Associated Research Institution	PI	Subject	Award \$
Proof of Concept Grants	University of Colorado	CU	Klug	Chip-guided Neurosurgery	\$112,671
	University of Colorado	CU	Wang	Developing novel biologics to treat oral mucositis and diabetic wounds	\$100,000
	University of Colorado	CU	Everson	HepQuant (HQ)-SHUNT Correlates of Hepatic Venous Pressure Gradient (HVPG) Testing	\$99,360
	University of Colorado	CU	Grazia	Clinical Development of Autologous CD117+ Progenitor Cell Therapy for Solid Organ Transplantation	\$49,113
	University of Colorado	CU	Sauer	A Partially Insulated Catheter for Directed and Tailored Radiofrequency Ablation	\$97,200
	University of Colorado	CU	Yakacki	Development and Biological Evaluation of Porous, Patient-Specific Interbody Fusion Cages	\$58,700
	Colorado State University	CSU	Bartels	Construction of a Whole Brain Optical Imager Product Prototype	\$49,500
	Colorado State University	CSU	Hendrickson	Development of a Computer Assisted Physical Examination/Palpation Model for Medical Training	\$66,625
	Colorado State University	CSU	Wallenstein	Prototype Formulation and Field Testing of Microbial Biostimulants for Greener Lawns	\$60,119
	National Jewish Health	NJH	Gelfand	Small molecule inhibitors of Pim1 kinase for the treatment of allergic disease	\$35,000
	National Jewish Health	NJH	Knight	Basophil reactivity to specific food allergens as a superior predictor of oral food challenge outcomes than specific IgE levels or the skin prick	\$24,966

				test	
	National Jewish Health	NJH	Brown	Right flow oxygen delivery system	\$18,375
Early Stage Capital Grants	Biomimetix	NJH	Crapo	Development of a novel metalloporphyrin antioxidant mimetic for topical treatment of inflammatory dermatologic diseases	\$250,000
	CoramiR	CU	Mariner	Non-invasive Diagnostic Tests for Pediatric Heart Failure Patients	\$54,996
	Double Helix	CU	Kimerling	3D super-resolution imaging tool	\$100,000
	Tissue Fusion	CU	Larson	Laser-based medical devices to fuse biological tissue together	\$175,000
	Snoasis	CU	Tofe	Enhancing tissue regeneration with Platelet-Derived Protein (PDP)	\$75,000
	Galaxy Ophthalmics		Olson	New therapy for Glaucoma, wet and dry macular degeneration and diabetic retinopathy	\$250,000
	Siva Therapeutics		Pagliari	Siva Therapeutics is developing Targeted Hyperthermia, a therapy which delivers heat to solid tumors.	\$100,000
	Mighty Oak Medical		Frey	FIREFLY spinal guide	\$100,000