

TECHNOLOGY TRANSFER OFFICE

UNIVERSITY OF COLORADO

BULLETIN

> PROGRAMS TO SUPPORT COMMERCIAL DEVELOPMENT OF CU TECHNOLOGIES

Contact Us:

CU-Boulder and CU-Colorado Springs inventors:

Kate Tallman

kate.tallman@cu.edu phone: 303-492-5732 fax: 303-492-2128

UC Denver inventors:

Rick Silva

rick.silva@uchsc.edu phone: 303-724-0222 fax: 303-724-0816

Information about licensing to start-up companies:

Tom Smerdon

tom.smerdon@cu.edu phone: 303-735-0621 fax: 303-735-3831

General information and CU System office:

David Allen

david.allen@cu.edu phone: 303-735-3711 fax: 303-735-3831

General address for correspondence:

CU System Technology Transfer Office 4740 Walnut St., Suite 100 588 SYS Boulder, CO 80309-0588

Web site:

www.cu.edu/techtransfer

CU IP Seed Funding Mechanisms

TTO Proof of Concept grant (POCg, \$10-25K)

The POCg provides grants to CU researchers to enable the further development and validation of promising CU technologies that are, or will become, suitable for commercialization. Technologies are selected by a competitive application process. Applications for POCg awards are submitted to the TTO, which reviews the proposals, makes the final selections and manages the awards.

TTO Renewable Energy Proof of Concept grant (POCr, up to \$50K)

The CU TTO, in partnership with the CU Energy Initiative, now has \$400,000 available to support proof of concept grants to CU researchers to enable the further development and validation of promising CU Boulder renewable energy technologies. Proposals are sought in all areas related to the development of renewable and sustainable energy sources as well as efficient utilization of energy. Applications for POCg awards are submitted to the CU Boulder Office of Contracts and grants and the TTO, which reviews the proposals in conjunction with the Energy Initiative and Transforming Energy and Markets.

TTO Proof of Concept investment (POCi, \$100K)

This program provides early stage "seed" investments to enable the further development and validation of promising CU technologies that are, or will become, the platform for a CU start-up company. Applications for POCi investments are submitted through the TTO and reviewed by an independent panel of venture capital investors. The POCi investments are managed by the nonprofit University License Equity Holdings, Inc. (ULEHI), which manages the private equity received from TTO license deals.

State Bioscience Discovery Evaluation Grant (POCsb, \$50-200K)

With the passage of HB 1001 in 2008, the State Bioscience Research Grant Program provides funding to Colorado research institutions to be used on a one-to-one matched basis (match by CU TTO) for development-oriented research to accelerate commercialization by reducing inventions to operational practice and validating their ability to address significant market applications. Commercialization potential from the selected research projects should be realized by companies operating in Colorado. Technologies will be selected by a competitive application process through the CU TTO.

State Early-Stage Bioscience Company Grant (\$250K lifetime total)

The Early-Stage Bioscience Company G Program, also part of the HB 1001 legislation, is intended to spur economic development and help new companies born out of Colorado research institutions to succeed in developing new technologies, business structures and product development. Grants of up to a \$250,000 lifetime cap will be accessible to qualified early-stage companies whose technology is licensed from a Colorado research institution. These grants, which must be matched at least 1:1 by other funding, will support the commercialization of therapeutic or diagnostic products, devices or instruments to improve human health; bioscience technologies that improve agriculture; or biofuels.

Small Business Innovation Research (SBIR) Grants; Small Business Technology Transfer (STTR) Grants

The Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) Programs stimulate technological innovation in the private sector by aiming small businesses to meet gap funding needed for research and development to increase commercial viability of federally funded research or small business opportunities.

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Program	Form	Scope	Eligibility Requirements	Selection Criteria
TTO Proof of Concept grant	\$10-25K grant to faculty laboratory	IP expansion, concept validation, enable NIH and Foundation grants for translational projects	Based on CU IP, Invention Submission Form, completed within 4-5 month timeframe	Leverage of other funding, societal impact, stage of development, clarity of commercial development, funding impact, market potential
TTO Renewable Energy Proof of Concept grant	Up to \$50K grant to faculty laboratory	Prototype development, concept validation, software optimization, feasibility analysis, and commercialization of promising CU Boulder renewable energy technologies	Based on CU IP, related to development of renewable and sustainable energy, Invention Disclosure in place, funds used toward commercialization, completed within 12 months	Building on a previously funded program, societal impact, stage of development, clarity of commercial development, funding impact on advancement, market potential
State Bioscience Discovery Evaluation Grant	\$50-200K grant to faculty laboratory	Development-oriented research to accelerate commercialization by reducing inventions to operational practice and validating their ability to address significant market applications.	University researcher, Invention Disclosure in place, related to development of therapeutic, diagnostic, medical device, animal health or biofuels, 18 month max, towards commercialization of IP in Colorado.	Scientific research and merit, commercial potential, market, plans for grants, IP development, long term potential
TTO Proof of Concept investment	\$100K to company, convertible to stock	Product development, concept validation, applied research, and product testing for CU technologies that are, or will become, the plat- form for a CU start-up company.	Start-up company based in Colorado, based on CU-owned IP, pending patent app. or enabled invention disclosure, capable entrepreneur, no significant outside funding, fundamental commercialization roadmap	Value proposition for use of funds, commercial application, market size and trends, technical merit, advantages of tech., management team or business person
State Early- Stage Bioscience Company Grant	Up to \$250K lifetime total to company; funds must be matched at least 1:1	Commercialization of therapeutic or diagnostic products, devices, or instruments to improve human health; bioscience technologies that improve agriculture; or biofuels.	Company w/ licensed technology from Colorado research institution related to therapeutic, diagnostic, medical device, animal health or biofuels. Colorado headquarters, <20 employees, 3rd party investors are non-founders, <\$5M previous funding or investment	Advancement of commercial potential of the technology, potential to strengthen early- stages, ability to attract major capital investment, ability to create primary jobs in Colorado
Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) grants	3-phase program; up to \$750K to company	Phase I: Idea exploration; Phase II: Research and development of technology; Phase III: Commercialization, bringing innovation from lab to market place.	SBIR: American-owned and independently operated, for-profit, principal researcher employed by business, <500 employees STTR: Business is American-owned, independently operated, for-profit, <500 employees; research institution is located in US, nonprofit college or university, domestic non- profit, federally funded R&D center	Small business qualification, degree of innovation, technical merit, future market potential

