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FOR
TECHNOLOGY TRANSFER AND RESEARCH COMMITTEE**

Committee Meeting: 5/2/2012
Austin, Texas

James D. Dannenbaum, Chairman
R. Steven Hicks, Vice Chairman
Alex M. Cranberg
Printice L. Gary
Brenda Pejovich

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4. U. T. System: Report on Fiber Valley™	<i>10:40 a.m.</i> Report/Discussion <i>President Nelsen</i> <i>Dr. Karen Lozano,</i> <i>U. T. Pan American</i> <i>Ms. Jacquelyn Michel,</i> <i>U. T. Pan American</i> <i>Mr. Ellery Buchanon,</i> <i>FibeRio Technology Corp.</i>	189
Adjourn	<i>11:00 a.m.</i>	

1. **U. T. System: Report on the Chancellor's Technology Commercialization Advisory Cabinet**

REPORT

Mr. Bryan Allinson, Executive Director of Technology Commercialization, will report on the Chancellor's Technology Commercialization Advisory Cabinet meeting held April 25, 2012. A copy of the Cabinet's agenda is set forth on the following page. Outcomes of the Cabinet meeting and planned activities going forward will be discussed with the Committee.



Tuesday, April 24

- 6:45 p.m. Shuttle departs Omni Downtown Hotel for The University of Texas System Bauer House
- 7:00p.m. Welcome Reception and Dinner hosted by Chancellor Cigarroa
The University of Texas System Bauer House, 1909 Hill Oaks Court
- 8:30p.m. Shuttle departs Bauer House for Omni Downtown Hotel

Meeting Agenda

Wednesday, April 25

- 7:15 a.m. Shuttle departs Omni Downtown Hotel for The University of Texas System Complex, Ashbel Smith Hall
- 7:30 a.m. Buffet Breakfast
UT System Complex, Ashbel Smith Hall, 9th Floor Board Conference Room, 201 West 7th Street
- 8:00 a.m. Opening Remarks and UT System Background
Francisco G. Cigarroa, M.D.
Chancellor, The University of Texas System
- 9:00 a.m. Review of Technology Transfer & Proposed Plans Forward for UT System
Barry Burgdorf
Vice Chancellor and General Counsel, The University of Texas System
- Bryan Allinson*
Executive Director of Technology Commercialization, The University of Texas System
- 10:30 a.m. Break
- 10:45 a.m. Ambassador Panel
Ronald DePinho, M.D.
President, UT MD Anderson Cancer Center
- Gregory Fenves, Ph.D.*
Dean, Cockrell School of Engineering, UT Austin
- Noon Working Lunch
Advisory Cabinet reviews selected high profile technologies
- 1:30 p.m. Wrap-Up
Francisco G. Cigarroa, M.D.
Chancellor, The University of Texas System
- 1:45 p.m. Shuttle departs for airport

2. **U. T. System: Report on the U. T. Horizon Fund, including the Fund's Existing Ventures program and New Ventures program**

REPORT

Mr. Bryan Allinson, Executive Director of Technology Commercialization, will report on the U. T. Horizon Fund (Fund), approved by the Board of Regents on August 25, 2011.

The Fund serves as a strategic fund for the U. T. System. The goals are to: (1) improve commercialization of U. T. System institution technologies, and (2) improve sustainability through a positive return on investment. The Fund is evergreen with a significant portion of gains reinvested back into the Fund for future growth. Phase I of the Fund has been capitalized at \$10 million through the Available University Fund.

Through the Existing Ventures program, the Fund co-invests with other investors into existing startups to continue equity participation all the way through to commercialization. By reducing equity dilution, a contributor to eroding U. T. System's equity value, U. T. System can increase its return on investment both in terms of delivering real products and services beneficial to society, as well as providing financial return. Through March 2012, two projects were presented to the Fund's Existing Ventures program:

1. Cerevast Therapeutics, Inc., Redmond, Washington, a U. T. Health Science Center - Houston spinout. Cerevast was allocated \$100,000 to reduce dilution of U. T. Health Science Center's equity position.
2. FibeRio Technology Corporation, McAllen, Texas, a U. T. Pan American spinout. U. T. System recommended proceeding with an investment in FibeRio pending further review of the Series C round of investment.

Through the New Ventures program, the Fund focuses on addressing the biggest bottleneck at the earliest stages of commercialization -- access to entrepreneurial talent. Seasoned entrepreneurs are necessary to help develop deep and nuanced business planning with U. T. institutions' startups and network with industry partners critical for growth and development, regulatory approval, and other activities. Through March 2012, one project was presented to the Fund's New Ventures program:

1. U. T. Health Science Center - Tyler: A new startup to commercialize technology in pulmonary disease. U. T. System recommended proceeding with continued review to consider providing funding to help establish and hire an experienced entrepreneur to lead the new startup. The amount of funding is under consideration as of March 2012.

If funding is completed, a total of three projects will have received funding through the Fund's New Ventures program.

3. **U. T. System: Report on the Texas Venture Labs Competition and the U. T. Horizon Fund Student Investment Competition**

REPORT

Dr. Robert Adams, Director of Texas Venture Labs (Venture Labs), will make a presentation on Venture Labs, an international competition open to all business students in the world. Venture Labs is an initiative with two missions: (1) accelerate startups from U. T. Austin and Central Texas towards raising capital and taking their innovations to market, and (2) create an experience that transforms students into future entrepreneurs and business leaders. Housed at the U. T. Austin AT&T Executive Education and Conference Center, Venture Labs provides direct links to the entrepreneurial, business, technology, and legal resources available both on the U. T. Austin campus and in the Texas entrepreneurial ecosystem. Venture Labs enables students, faculty, and researchers to have full access to these resources, while providing the mentoring, team-building, market and business plan validation, technology commercialization, and domain knowledge needed to start and grow innovative ventures.

Mr. Bryan Allinson, Executive Director of Technology Commercialization, will report on the U. T. Horizon Fund Student Investment Competition, a state competition open to U. T. students, residents, and trainees at academic and health institutions. The goal of the Horizon Fund competition is to make use of student investment structures already in place at U. T. System institutions by investing in promising student-led startups. The Horizon competition engages competition winners of those structures and also at-large bids from students and trainees all 15 U. T. System institutions. There will be an investment award by the Horizon Fund to the overall winner through the U. T. Horizon Fund New Ventures Program, and students from all 15 U. T. System institutions will also have a chance to interact with venture capital advisors. The U. T. System competition will make use of expertise at Venture Labs in the final assessment and the overall winner will have a chance to compete in Venture Labs' international competition.

Report on Texas Venture Labs

Rob Adams, Ph.D., Director of Texas Venture Labs

The University of Texas System Board of Regents' Meeting
Technology Transfer and Research Committee
May 2012

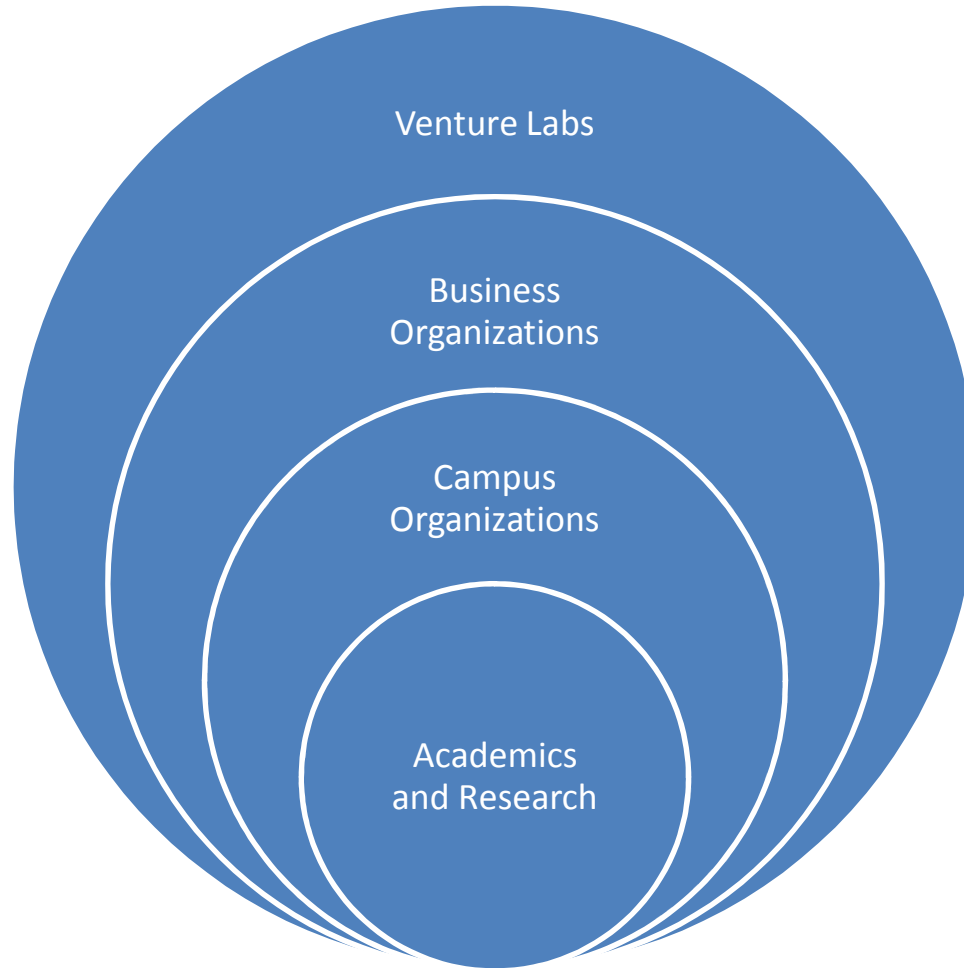
TVL: What, How, and What's Different?

- **What:** A university-wide interdisciplinary education and research initiative to support entrepreneurship, innovation, and commercialization
- **How:** Intellectual horsepower to promote new venture creation at U. T. Austin through
 - education and mentoring
 - market and business plan validation
 - team-building and networking
 - providing direct links to resources and funding
- **What's Unique:** Built on the entrepreneurial skunk-works that has thrived at U. T. Austin for the last five years

Venture Labs Positioning

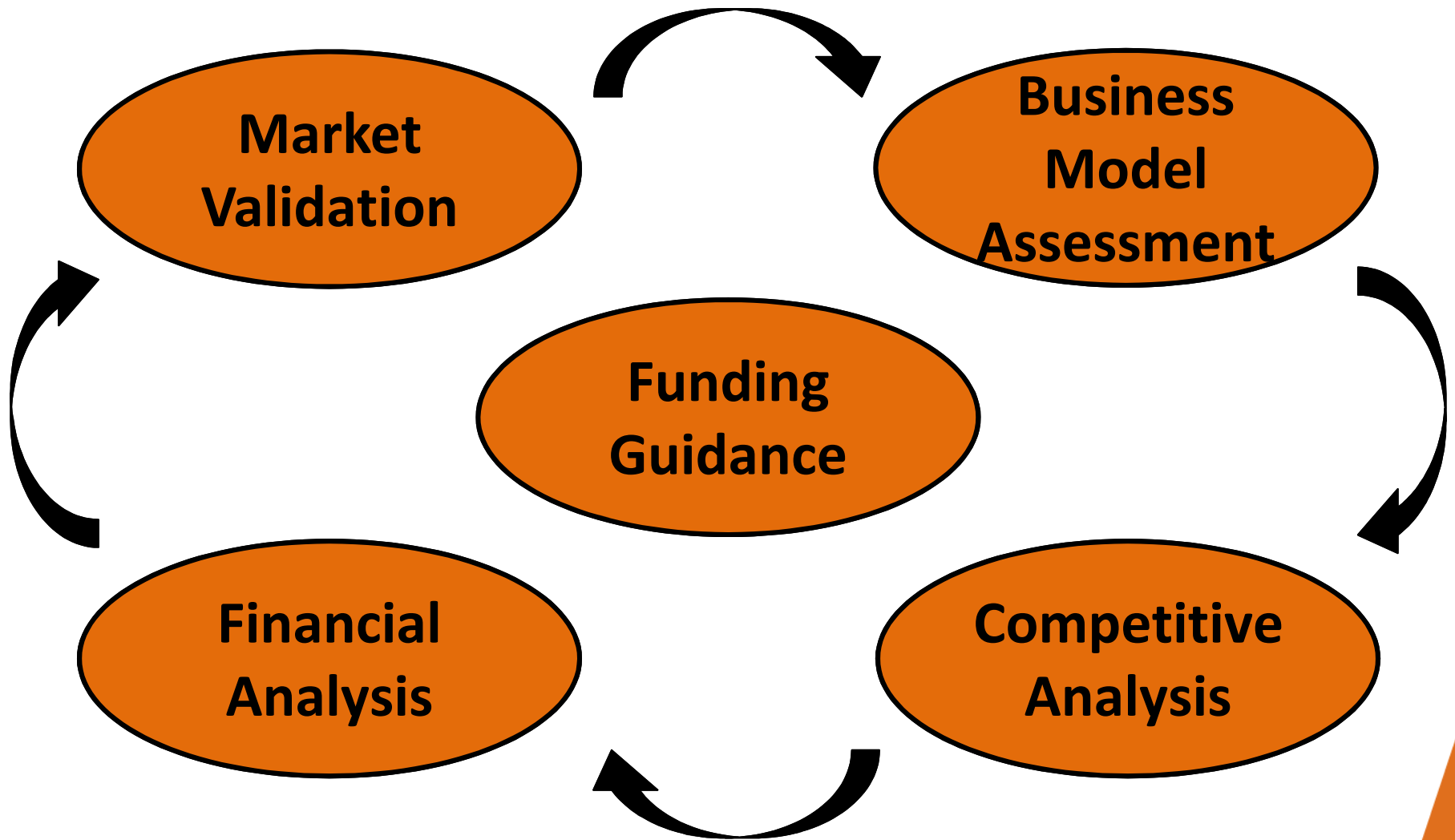
- Looks like a venture capital firm
- Relies on outside sources of capital
- Not reproducing any on-campus or business organizations
- Accelerate company formation using proven approaches
- Run by graduate students from Business, Engineering, Law, and Natural Sciences
- Success is defined as a company receiving funding

How We're Doing It



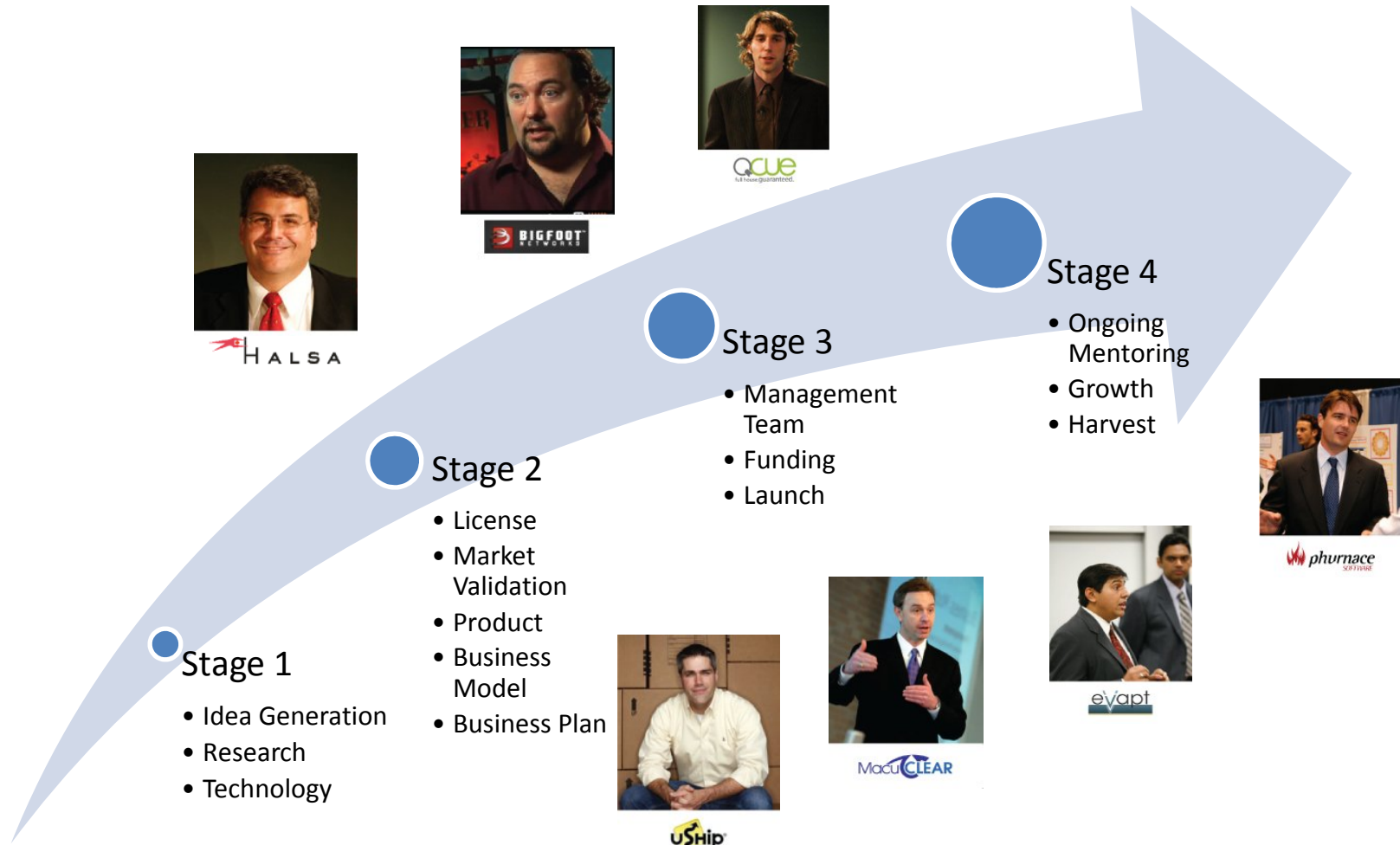
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Our Core Competencies



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Success Stories – Skunk-works Days



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TVL in Action

★ TVL LAUNCH

Fall 2010	Spring 2011	Fall 2011	Spring 2012
   hurricane party	 XERIS PHARMACEUTICALS  SpectraPhase  nurturme	 NanoHybrids  akimbo™ akimbocard.com  digitalharmony	 DATACAL  CLEAR TECHNOLOGY SYSTEMS  GAMETIME ARENA GOT GAME? PROVE IT!

- 40 companies since launch
- > 50% companies funded
- > \$24M in funding facilitated

4. **U. T. System: Report on Fiber Valley™**

REPORT

The following presenters will report on the concept of Fiber Valley™, a term describing the high tech industry, economic development, job creation, and the academic research growth potential of the Lower Rio Grande Valley of Texas:

- Dr. Robert Nelsen, President, U. T. Pan American
- Dr. Karen Lozano, Endowed Professor of Mechanical Engineering, U. T. Pan American
- Ms. Jacquelyn Michel, Director of the Office of Innovation and Intellectual Property, U. T. Pan American
- Mr. Ellery Buchanon, Chief Executive Officer of FibeRio Technology Corporation, a U. T. Pan American spinout

Dr. Lozano has helped educate numerous undergraduate students toward careers in industry or toward continuing in higher education. In addition to educating top engineering students, Dr. Lozano's efforts have helped build the intellectual base of the Lower Rio Grande Valley, helping to create new industries and opportunities.

Originally funded by a U. T. System Texas Ignition Fund proof-of-concept grant, Dr. Lozano's technology in electrospinning nanofibers helped spur the formation of a startup company, FibeRio Technology Corporation. Ms. Jacquelyn Michel was instrumental in helping to form and develop FibeRio. Ms. Michel also helped connect FibeRio with its current Chief Executive Officer, Mr. Buchanon. FibeRio also secured an investment from the State of Texas' Emerging Technology Fund.

Today, FibeRio is a platform technology company focusing on high quality, low cost, high volume nanofiber production. Industry sectors include medical, energy, and high performance textile among others. The next steps in the evolution of the nascent Fiber Valley initiative will be continued engagement of key industry sectors along the value chain; expansion of commercialization, research, and education at U. T. Pan American and other U. T. institutions; and economic growth in the Lower Rio Grande Valley. The ultimate goal is to develop the Lower Rio Grande Valley as the world's leader in high performance, low cost, high volume fiber production, manufacturing, applications, products, and services.

In June 2011, FibeRio won the distinguished R&D Top 100 Award from *R&D Magazine*. In March 2012, FibeRio presented a pre-investment review presentation to the U. T. Horizon Fund to help secure the Series C investment financing round for the company.