



Putting Knowledge to Work

Rhode Island's Hub to **Educate, Connect and Mentor** Knowledge Economy Entrepreneurs

Overview for RI Science & Technology Advisory Council - February 2011

**Rhode Island Center
for Innovation and
Entrepreneurship**

One Davol Square
Providence, RI 02903
401.861.2901
www.ri-cie.org

What is RI-CIE?



**Rhode Island Center for
Innovation and Entrepreneurship**

A **state-wide hub** for entrepreneurs to:

Educate – Connect – Mentor

A collaboration to help create and support innovation-based ventures in RI's knowledge economy in:

Technology – Life Sciences – Environment – Design/Engineering



RI-CIE – Why was it created?

Move IP from lab to market



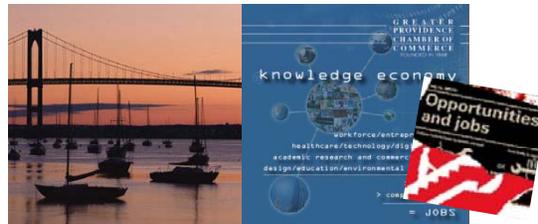
- Provide support network to commercialize institutional intellectual property - tapping a huge, under-supported RI asset

Stop the RI 'Brain Drain'



- Retain and attract faculty, students and skilled professionals
- Enhance the educational experience of RI students and build employment opportunities

Deliver the 'knowledge economy' promise



- Make RI a national showcase for successful economic development through support of entrepreneurship
- Create high-paying, skilled jobs in RI

RI-CIE - Partners

Lead Partners



Senior Partners



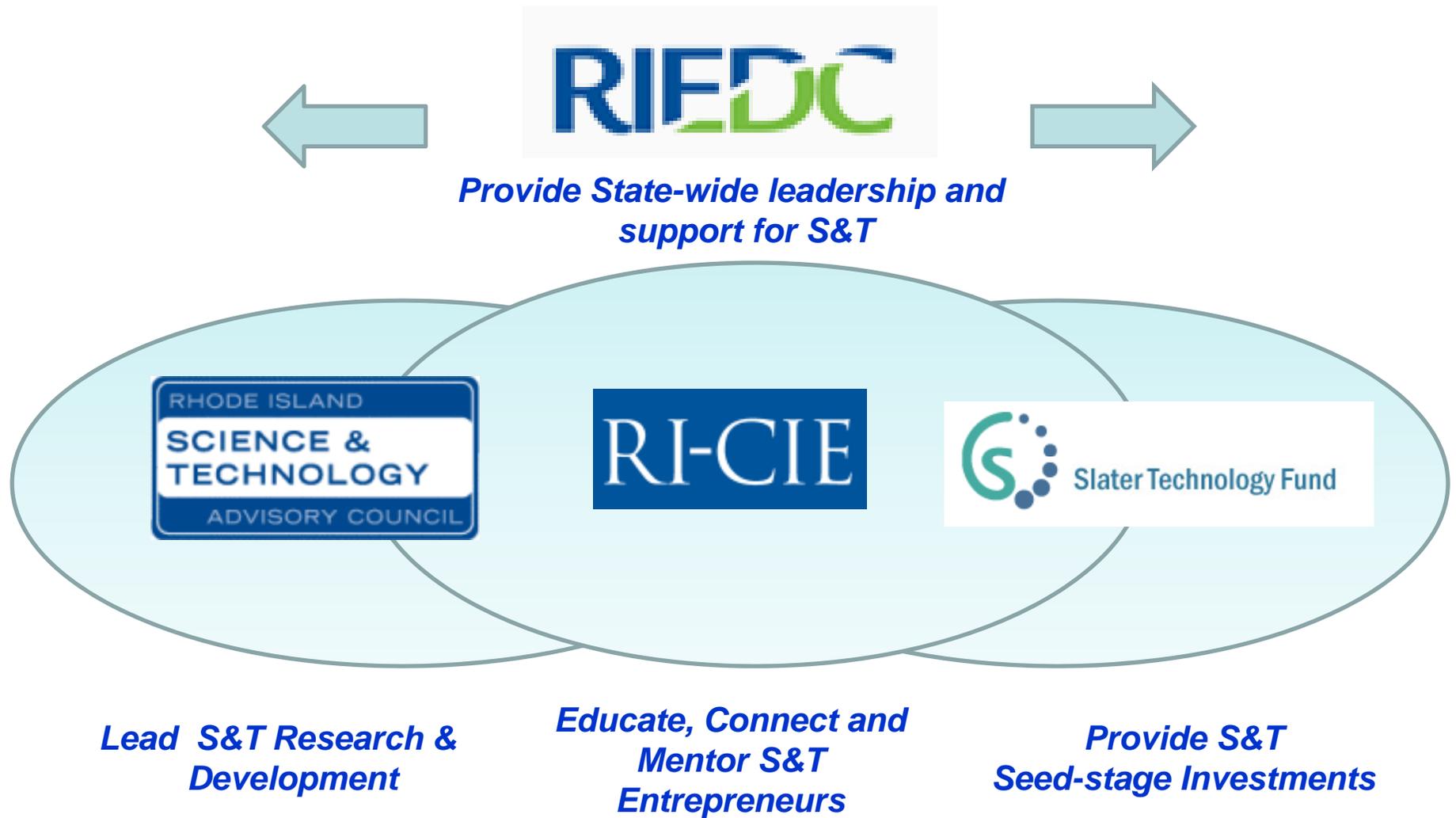
Event Sponsors



Institutional Letters of Support



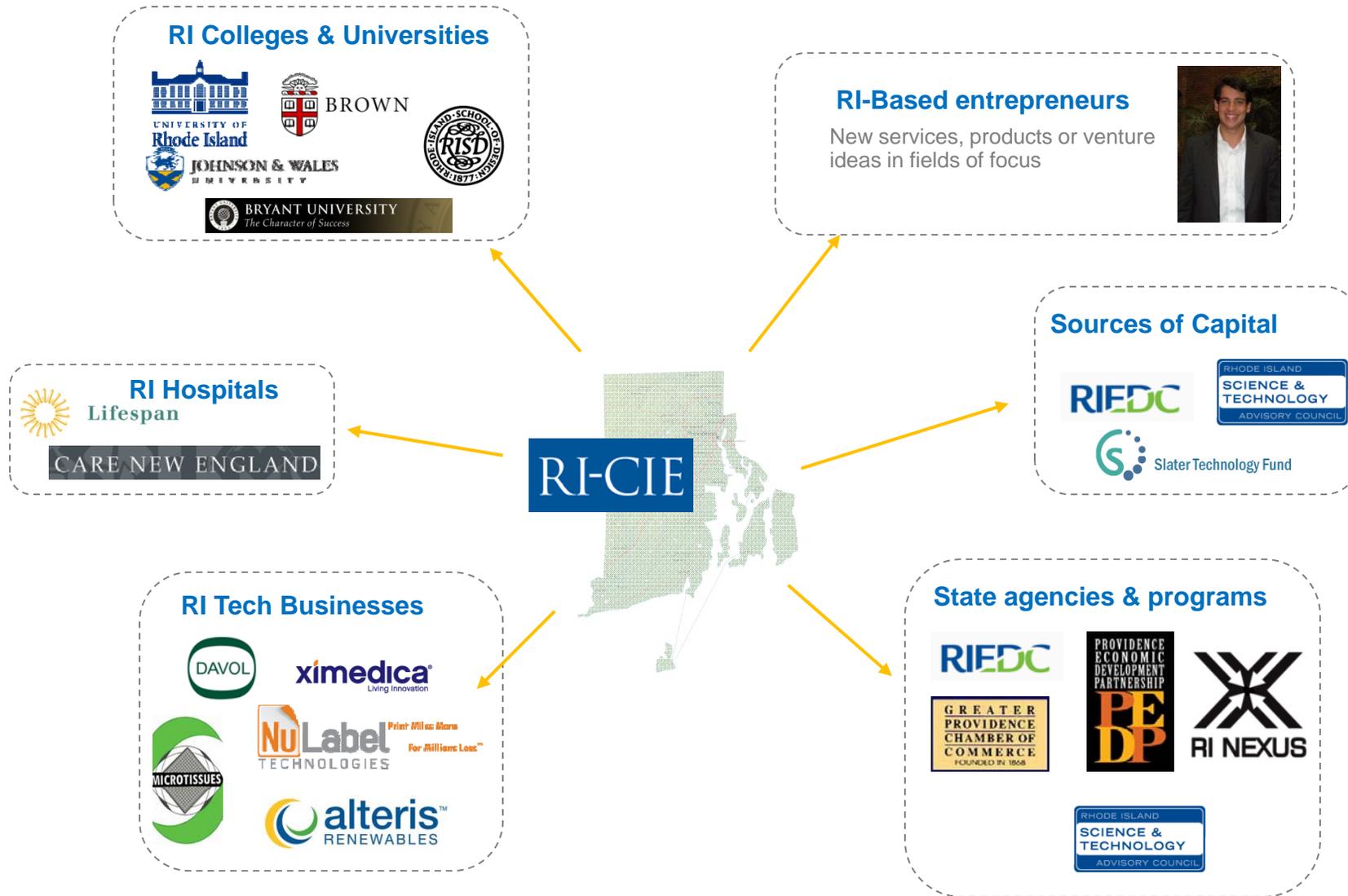
Coordinated State Investments in Science and Technology:



RI-CIE – Strategic Alignment with STAC Goals

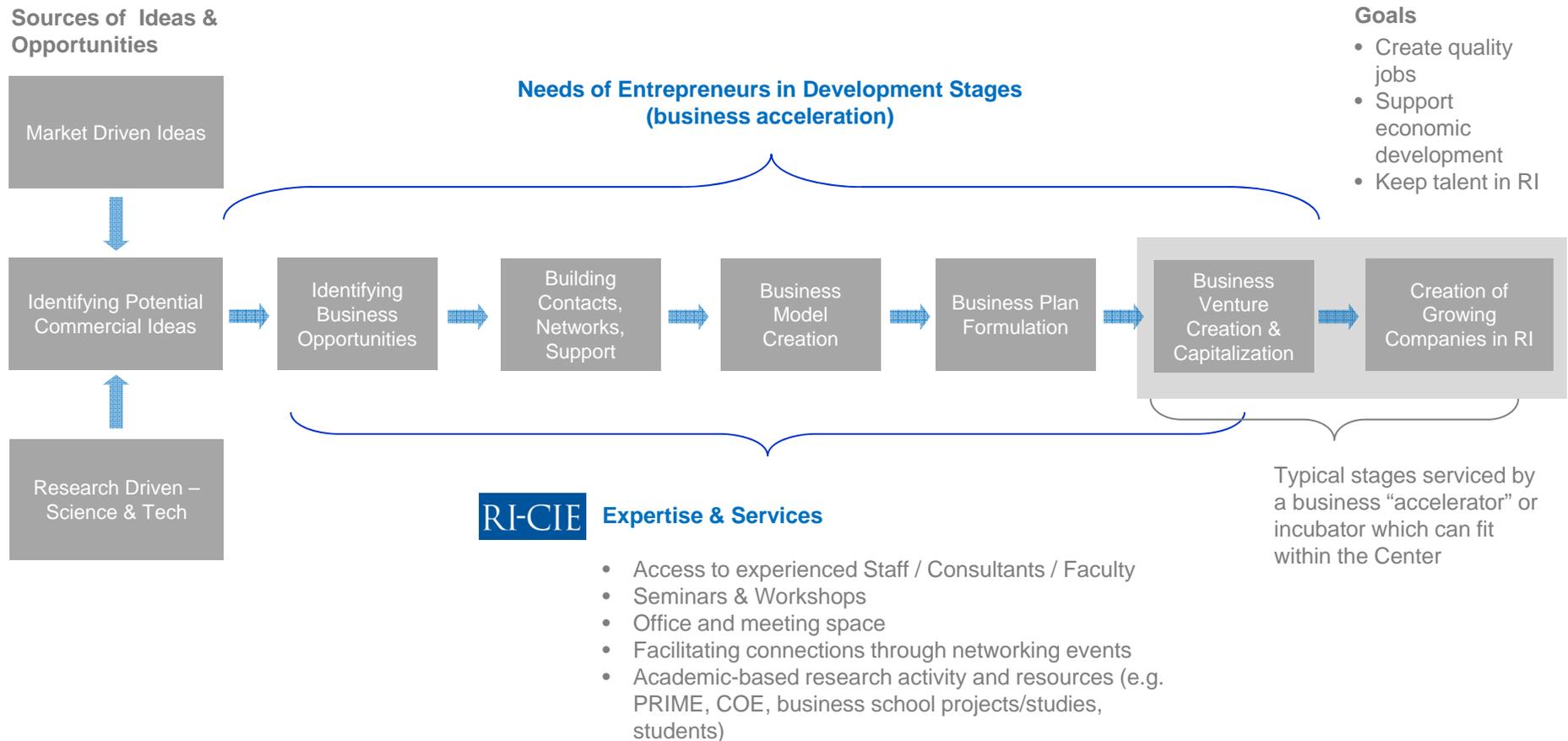
- New Company Creation
 - STAC recommended and helps fund RI-CIE
 - RI-CIE is actively supporting new company creation
- RI-CIE has worked with many Collaborative Research Grantees
 - James Jacob (Organomed) Jason Harry (Lucidux)
 - Helen Huang (URI) Jeff Morgan (MicroTissues)
 - Anubhav Tripathi (Brown) Barrett Bready (NABsys)
 - Kipp Bradford (Bionica) Trey Crisco (RIH)
- Support for EPSCoR
 - RI-CIE provides programmatic support of Slater Fellows Program
 - Free membership for Fellows in all RI-CIE programming
- Enabling Innovation
 - Medical Device Matchmaking Event (March/June 2010)
 - RISD/RI-CIE Partnership for Sustainable Design
 - Nanotechnology Showcase (April 2011)

RI-CIE - Hub to Connect entrepreneurs to communities



RI-CIE - Rhode Island's Business Acceleration Facilitator

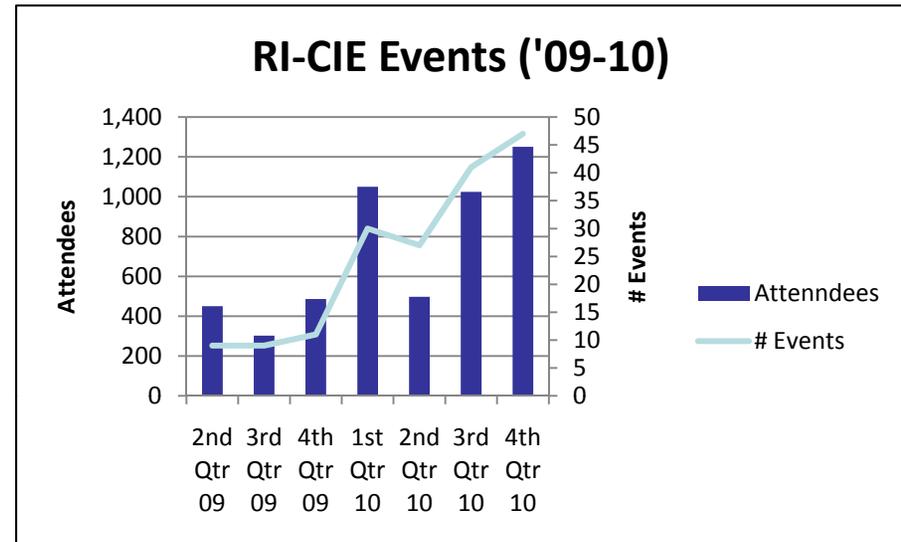
“RI-CIE will bridge the gap between concept and commerce”



RI-CIE's 1st 22 Months – A Great Start for Events

RI-CIE Event Summary 2009-2010

- 175 events
- Total attendees – 5,000
- Average events per month – 9



Betaspring Investor Day



Entrepreneur Roundtable with
Senator Whitehouse

RI-CIE's 1st 22 Months – A Great Start for Collaborations

RI-CIE Collaborations in Year 1

- Science & Technology Advisory Council (STAC)
- IPIC (Inaugural event / Entrepreneur Boot Camp)
- Betaspring
- EDC's Every Company Counts
- RI Business Plan Competition
- RI Manufacturing Extension Services
- Small Business Development Center (SBDC)
- Providence Economic Development Partnership
- RI Entrepreneurship Faculty
- Brown Biomedical Engineering Department
- Social Enterprise RI/Social Venture Partners RI
- Ocean State Consortium for Advanced Resources (OSCAR)



RI Biz Plan Pitch '10



IPIC Award

RI-CIE – Programs and Services



Entrepreneur Boot Camp



Medical Device Matchmaking

- RI-CIE Forum for Enterprise
- LunchLab
- Workshops
- Office Hours Program
- New Venture Incubator
- Entrepreneurship Boot Camp
- Medical Device Matchmaking Events

RI-CIE Goal – Getting Ventures to Funding Stage

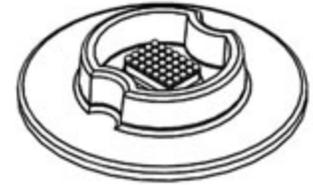
- NuLabel Technologies
- Granny Squibb Iced Tea
- Workplace Renaissance
- MicroTissues, Inc.*
- Banyan Environmental*
- DiaVibe*
- NeuroPlaytronics*
- Accelerreach
- Solar Sisters
- Mater Nova
- Jobzle
- Manpacks
- Tracelytics*
- Bakodo
- Axena Technologies

* STAC Grant Applicants or Awardees

RI-CIE Goal – Pathway of a new Rhode Island Company



microtissuesTM
natural 3DTM



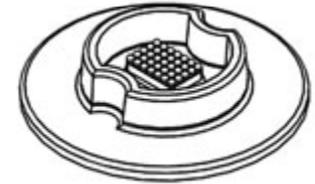
MicroTissues, Inc

- Jeff Morgan, PhD, Brown U faculty, Biomedical Engineering
- NIH, NSF, and foundation funding of research
- US and foreign patents filed by Brown University on 3D Petri DishTM
 - Grow cells in 3D: Many applications
- STAC Award: The Artificial Ovary: An Application of the 3D Petri DishTM
 - Partnership: Brown Biomedical Engineering, Women & Infants Hospital and Fielding Manufacturing (Cranston, RI)

RI-CIE Goal – Pathway of a new Rhode Island Company



microtissuesTM
natural 3DTM



MicroTissues, Inc

- Sabbatical to start company (www.microtissues.com)
- RI-CIE mentoring
 - Boot camp for entrepreneurs, intellectual property, licensing, business plan, fund raising, networking, etc
- Exclusive license to MicroTissues, Inc.
- Time magazine: A Top 10 medical breakthroughs of 2010.
- Phase 1, first product sales: 3D Petri DishTM
- What's in store for the future:
 - Phase 2 products
 - Cell Therapy
 - Drug discovery

