Research Institutes for Potential Collaborations & Startups

SBIR Conference
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SBIR/STTR vs SBIR only Participating Agencies

- DOD
- HHS (NIH)
- NASA
- DOE
- NSF
- USDA
- DOC
- EPA
- DOT
- ED
- DHS
Founded in 1890, CSHL is a private, non-profit institution with research programs in cancer, neuroscience, plant genetics, genomics, and bioinformatics and a broad educational mission.

CSHL Start-ups & Technology Licensing

Jason Wen, Ph.D., MBA
USPTO Registered Patent Agent

Assistant Director
Office of Technology Transfer
Companies Founded in Whole or in Part on CSHL Technologies

- COMPANIES THAT HAD AN IPO OR WERE ACQUIRED BY A PUBLICLY OWNED COMPANY
  - Oncogene Science (now OSIP) - Melville, NY (1983)
  - ICOS - Bothell, WA, (1990)
  - PathoGenesis (acquired by Chiron) – Seattle, WA (1991)
  - Mitotix (acquired by GPC Biotech) – Waltham, MA (1992)
  - Geron – Menlo Park, CA (1992)
  - Amplicon (acquired by Tularik) – Huntington, NY (1994)
  - Genomica (acquired by Exelixis) – Boulder, CO (1996)
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Nanoscience/CFN: Focused on Energy Security

Themes of CFN

- Nanostructured Catalysts
- Electronic Nanomaterials
- Bio/Soft Nanomaterials & Interfaces

Research for Improved:
- Energy Transmission
- Energy Conversion
- Energy Storage

www.bnl.gov/cfn/
CATs - Centers for Advanced Technology

- Medical Biotechnology
  - Redesignated in 2004
  - ITD - Innovative Technology Development Program for faculty R&D projects requires commercial potential
  - Promotes industry development through Long Island Life Sciences initiative, support for Long Island Angel Network

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  - 631-632-8521, -1064
  - www.biotech.sunysb.edu
CATs - Centers for Advanced Technology

- Sensor Systems
  - Designated in 1998
  - Collaborative research projects with more than two dozen industry partners
  - Promotes industry development through regional technology showcases, consortium programs

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  - www.sensorcat.sunysb.edu
STAR Center in Biotechnology and Bioengineering

- $15M award from NYSTAR
- Co-locate Biotech & Sensor CATs with Dept of BME
- Groundbreaking on Sept 24, 2007
- Opening Spring 2009
CEWIT - Center of Excellence in Wireless and Information Technology

- Consortium with New York State industry
- $50M State funding matched with industry $150M
- Opening September 2008
- Research and development focus areas
  - Devices and Communication
  - Network Technologies
  - Software Systems
  - Applications
    - e-business and m-commerce; healthcare; transportation
- www.cewit.org
- Conference Oct 16, 2008
AERTC - Advanced Energy Research and Technology Center

- Multidisciplinary, multi-institutional partnership: commercialization of alternative technologies
  - First Platinum LEED building in New York State (if we beat Bank of America Tower to completion)
- Application of technology to make energy alternatives affordable
- $35M state contribution
- Ground broken 10/16/07
- Conference Nov 19-20, 2008
- www.aertc.org
OTLIR - Office of Technology Licensing & Industry Relations

- Stony Brook: the most active tech transfer office in the 64-campus SUNY system
  - ~90% of SUNY technology licensing revenues
  - 3 drugs from SUNY with FDA approval from SBU
- Hundreds of technologies currently available for licensing
- Three dozen new companies have started based on Stony Brook technologies
- [www.sunysb.edu/research/ottl](http://www.sunysb.edu/research/ottl)
- 631-632-9009
Stony Brook’s 3 Business Incubators

- Total >90,000 s.f., ~30 tenant companies, ~175 employees
- “Graduates” employ hundreds of LIers, earned >$100M corporate revenues last year
  - LIHTI ranked NBIA’s top 2003 mixed technology incubator
  - Stony Brook Software Incubator (with ☁)
  - Calverton Incubator (ex-Northrop Grumman site)
SPIR - Strategic Partnership for Industrial Resurgence Program

- Industry support service offered by SUNY engineering schools at Binghamton, Buffalo, and Stony Brook
- 1,828 technology advancement projects with Long Island/New York State companies
- SBIR guidance
- Brought $95 million in joint project funding
- Partnered with more than 330 LI/NYS companies
- 10,569 jobs projected created/saved
- On total state investment < $10M
- www.spir.sunysb.edu
Small Business Development Center

- Provides one-on-one counseling at no cost on small business start-up and management
- Assisted >11,000 clients (including incubator tenants)
- Helped to obtain more than $250 million in financing
- SBDC’s at
  - Stony Brook University
  - Farmingdale State College
- Satellite centers on South Shore, Calverton incubator
  - www.sba.gov
  - naples.cc.sunysb.edu/CEAS/smallbusiness.nsf
  - www.farmingdale.edu/campuspages/CAMPUSAFFILIATES/SBDC/homepage
Management Development and Workforce Training

- Degree offerings include MBA, MS in Technological Systems Management
- Non-degree offerings include certificates and short courses in manufacturing excellence, managing for quality, general management issues, specific technology issues; bioscience industry program
- Offered by:
  - College of Business
  - College of Engineering and Applied Sciences
  - School of Professional Development
  - Center for Emerging Technologies
Cumulative Economic Development, 2006

- Created/saved a projected total of 17,000 jobs
- Assisted partners in obtaining more than $600 million in funding assistance and financing
- Completed more than 2,700 projects
- As an employer, purchaser and stimulus for indirect effects, as well as an economic development entity, Stony Brook has a total annual economic impact on Long Island of $2.5 billion and almost 50,000 jobs.*

* Center for Regional Policy Studies report, Spring 2003
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Suffolk SBIR Assistance Program

**Goal:** To assist emerging high technology companies in acquiring SBIR/STTR funding by providing consultation, coordination, & guidance

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Suffolk SBIR Assistance Program

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Small Business Regional Resources

It’s an overview! … meet the contacts today

• Research Institutes – SBU, CSHL, BNL, …..
  • STTR collaborators, high tech facilities, ….  

• Startup help, facilities & funding
  • SBDC, business incubators, Angel-Net, ….  

• Established small business help
  • State, county, regional, partners for industrial growth, ….
Thank you! .... Questions?