

## The University of Maine DigitalCommons@UMaine

---

University of Maine Office of Research and  
Sponsored Programs: Grant Reports

Special Collections

---

3-30-2008

# Enhancing Linkages between Universities and Small Businesses in EPSCoR Jurisdictions

Michael Eckardt

*Principal Investigator; University of Maine, Orono, michael.eckardt@umit.maine.edu*

Vicki Nemeth

*Co-Principal Investigator; University of Maine, Orono*

Follow this and additional works at: [https://digitalcommons.library.umaine.edu/orsp\\_reports](https://digitalcommons.library.umaine.edu/orsp_reports)

 Part of the [Entrepreneurial and Small Business Operations Commons](#)

---

### Recommended Citation

Eckardt, Michael and Nemeth, Vicki, "Enhancing Linkages between Universities and Small Businesses in EPSCoR Jurisdictions" (2008). *University of Maine Office of Research and Sponsored Programs: Grant Reports*. 320.  
[https://digitalcommons.library.umaine.edu/orsp\\_reports/320](https://digitalcommons.library.umaine.edu/orsp_reports/320)

This Open-Access Report is brought to you for free and open access by DigitalCommons@UMaine. It has been accepted for inclusion in University of Maine Office of Research and Sponsored Programs: Grant Reports by an authorized administrator of DigitalCommons@UMaine. For more information, please contact [um.library.technical.services@maine.edu](mailto:um.library.technical.services@maine.edu).

**Final Report for Period:** 08/2007 - 12/2007

**Submitted on:** 03/30/2008

**Principal Investigator:** Eckardt, Michael .

**Award ID:** 0742215

**Organization:** University of Maine

**Submitted By:**

**Title:**

Enhancing Linkages between Universities and Small Businesses in EPSCoR Jurisdictions

**Project Participants**

**Senior Personnel**

**Name:** Eckardt, Michael

**Worked for more than 160 Hours:** Yes

**Contribution to Project:**

**Name:** Nemeth, Vicki

**Worked for more than 160 Hours:** Yes

**Contribution to Project:**

**Post-doc**

**Graduate Student**

**Undergraduate Student**

**Technician, Programmer**

**Other Participant**

**Name:** West, Karen

**Worked for more than 160 Hours:** Yes

**Contribution to Project:**

Contractual consultant to assist in organization of workshop.

**Name:** Growe, Cynthia

**Worked for more than 160 Hours:** Yes

**Contribution to Project:**

Administrative assistance for organization and implementation of conference.

**Name:** Dunham, Jennifer

**Worked for more than 160 Hours:** Yes

**Contribution to Project:**

Administrative assistance in organization and implementation of conference.

**Name:** Charron, Marlene

**Worked for more than 160 Hours:** Yes

**Contribution to Project:**

Conference services assistance in implementation of workshop.

**Name:** Arsenault, Judy

**Worked for more than 160 Hours:** Yes

**Contribution to Project:**

Conference services assistance in implementation of workshop.

## **Research Experience for Undergraduates**

### **Organizational Partners**

#### **Maine Technology Institute**

Planning committee

#### **Maine Office of Innovation**

Planning committee

### **Other Collaborators or Contacts**

Multiple collaborators from regional and national organizations participated in making this workshop a success.

### **Activities and Findings**

#### **Research and Education Activities:**

please see attached file for full report

#### **Findings:**

please see attached file for full report

#### **Training and Development:**

please see attached file for full report

#### **Outreach Activities:**

please see attached file for full report

### **Journal Publications**

### **Books or Other One-time Publications**

### **Web/Internet Site**

#### **URL(s):**

[www.umaine.edu/epscor](http://www.umaine.edu/epscor)

#### **Description:**

Workshop presentations were posted on the Maine NSF EPSCoR website.

### **Other Specific Products**

### **Contributions**

#### **Contributions within Discipline:**

please see attached file for full report

**Contributions to Other Disciplines:**

please see attached file for full report

**Contributions to Human Resource Development:**

please see attached file for full report

**Contributions to Resources for Research and Education:**

please see attached file for full report

**Contributions Beyond Science and Engineering:**

please see attached file for full report

**Conference Proceedings**

**Categories for which nothing is reported:**

Any Journal

Any Book

Any Product

Any Conference

**NSF EPSCoR FINAL REPORT  
EPS#0742215 Workshop Grant  
to Maine NSF EPSCoR at the University of Maine**

**“Enhancing Linkages between Universities and  
Small Businesses in EPSCoR Jurisdictions”**

**October 15-16, 2007  
The South Portland Marriott at Sable Oaks  
South Portland, Maine**

**CONFERENCE GOALS AND RATIONALE:**

This award allowed Maine NSF EPSCoR at the University of Maine to sponsor a national conference that would represent a new initiative and collaboration between the NSF EPSCoR, NSF SBIR, and USDA SBIR offices. Maine was suggested as a viable sponsor for this conference due to a successful SBIR track record through the Maine Technology Institute, and an engaged Maine NSF EPSCoR office with programs in the targeted areas.

This national conference was proposed as another means of helping to strengthen the research infrastructure in EPSCoR jurisdictions, by providing information and opportunities that could help accelerate the process of developing research infrastructure in EPSCoR jurisdictions by enhancing linkages between universities and existing small businesses. Stronger linkages will allow small businesses to benefit from research conducted at universities and help develop technology-based businesses in EPSCoR jurisdictions, which can potentially result in huge gains.

The collaboration of the NSF EPSCoR, NSF SBIR, and USDA SBIR programs in a workshop aimed at enhancing linkages between universities and small businesses provided a unique opportunity for EPSCoR jurisdictions to take advantage of the expertise of over 50 national, regional, and state presenters in areas that are of interest to NSF and USDA. The opportunity to share research findings, identify potential partners, and develop new networks allowed EPSCoR jurisdiction participants to find potential new ways to build the capacity and competitiveness of their jurisdictions through technology transfer.

**PARTICIPANT DETAILS:**

A total of 180 individuals were registered to participate in this conference, with approximately 15 no-shows the day of. Of the total participants, 48 were female (26.7%), and approximately 20 participants (all male) represented diverse groups (Native American, Asian, Indian)

Even though the majority of participants were from the New England region, 21 EPSCoR jurisdictions were represented. The breakdown by states is as follows (note: non-EPSCoR states were predominantly invited speakers):

State	# Participants	EPSCoR
AK	1	X
AL	4	X
New Brunswick, CAN	1	
CT	2	
DC	4	
DE	1	X
IL	1	
KY	1	X
LA	3	X
MA	2	
ME	111	X
MI	1	
MS	1	X
MT	1	X
NC	3	
ND	1	X
NE	2	X
NH	8	X
NJ	1	
NM	2	X
NV	2	X
OH	1	
OK	4	X
RI	4	X
SC	1	X
SD	5	X
TN	1	X
VA	3	
VT	4	X
WI	2	
WV	1	X
WY	1	X
<b>TOTALS:</b>	<b>180</b>	<b>21</b>

### **CONFERENCE DETAILS:**

This national conference, entitled “Enhancing Linkages between Universities and Small Businesses in EPSCoR Jurisdictions”, was held October 15-16, 2007 at the Marriott Hotel at Sable Oaks, South Portland, Maine. The conference took place all day on the 15<sup>th</sup>, and during the morning of the 16<sup>th</sup>.

The Marriott Hotel at Sable Oaks is located a few miles from downtown Portland and its ocean harbor, and is a modern, upscale facility with 227 rooms and suites on six floors, a full-service restaurant, pool, and the normal high-end amenities for a resort of this type. The conference was held in six of their nine meeting rooms, and the hotels complete audiovisual and catering services were utilized. Out of town participants were able to stay at the hotel under a group rate of \$169 per night plus tax.

The targeted audience for this conference consisted of participants from EPSCoR jurisdictions representing:

- a) small business owners
- b) scientists with research grants
- c) university technology transfer officials
- d) state SBIR officials
- e) state economic development and technology transfer officials
- f) state NSF EPSCoR administrators
- g) others interested in economic & small business development.

Project organizers worked directly through the 27 EPSCoR jurisdiction offices to encourage participation from each state, and project partners (i.e. Maine Technology Institute, Maine Office of Innovation) heavily recruited participants from the small business sectors in the state, region, and nation. All partners utilized their networks and contacts to attract participants through websites, direct e-mails, direct mail, and other publicity materials. The USDA SBIR and NSF EPSCoR offices also publicized this event.

### **WORKSHOP SESSIONS:**

The workshop agenda is attached below.

The one and a half day workshop consisted of five plenary sessions and 12 breakout sessions that targeted topics of interest to NSF and USDA. All sessions were developed with input from NSF and USDA SBIR offices, and were designed to meet the goal of assisting in the development of research infrastructure in EPSCoR states by enhancing linkages between universities and existing small businesses, allowing the latter to benefit more from university R&D and increasing funding opportunities. Presenters were also selected with input from EPSCoR jurisdiction offices, state SBIR programs, and economic development offices in those jurisdictions.

There were 65 moderators and presenters who participated in this workshop, and almost all attended other sessions when they weren't presenting in their own. For each session, a combination of presenters at the national, regional, and local level provided a well-rounded view of each focus area and represented a diverse range of institutions and organizations.

The five plenary sessions featured regional and national experts and organizations, and focused on:

- introduction to NSF & USDA SBIR/STTR
- introduction to EPSCoR and university incubator programs
- state small business programs
- finding potential partners (seed and venture funds)
- future issues

The 12 break-out sessions featured university research faculty, small business partners, and regional and national organizations in sessions that allowed for the sharing of research findings and best practices, discussion of partnerships, and other networking. These sessions were organized along three tracks and focused on:

- Alternative energy: solar, wind, and agricultural/biomass/other bio-based products
- Environmental science & engineering: ecosystem management, alternative methods for waste treatment, sustainable development, aquaculture, and instrumentation

- Communication and information technology and Facilitating technology transfer: rural information technology, regional collaborations, and protection with contracts & patents

The networking room and the conference hallways featured 12 exhibits and posters and provided a place where participants and presenters were able to interact on a more personalized level. In addition to informal networking that took place, two specific time slots were offered for participants to consult with federal agency presenters (participants signed up for individual time slots).

The keynote speaker during the luncheon was David Erb, Director of Research & Development and New Product Development at TexTech Industries, North Monmouth, Maine. He was enthusiastically received as he spoke about his company's experience and growth utilizing both university expertise and the SBIR/STTR program. Tex Tech is a 100 year old company that received a 2006 Tibbetts Award.

Separate from this NSF workshop award, a reception was held at the Gulf of Maine Research Institute on the evening of the first day in order to further encourage discussion and networking. This reception was sponsored and supported by Maine NSF EPSCoR at the University of Maine, Maine Office of Innovation, Maine Technology Institute, and private sponsors. Several Maine legislators were present at this event and spoke to the group about economic development. A separate additional activity was held on the evening of the second day in conjunction with this conference - the Maine Technology Institute annual Mixer which featured networking & exhibits – to which our workshop participants were invited.

#### **CONFERENCE MANAGEMENT AND KEY PERSONNEL:**

The PI for this project was Dr. Michael Eckardt, Vice President for Research, University of Maine, and the Maine NSF EPSCoR Project Director, who provided general project oversight. The Co-PI was Vicki Nemeth, Director of Research Administration and EPSCoR at the University of Maine, who has substantial experience planning and managing large-scale activities.

Additional members of the planning team included: Catherine Renault, Director, State of Maine Office of Innovation; Betsy Biemann, President, Maine Technology Institute; Karen West, C&P Management Services; Tucker Kimball, Communications Manager, Maine Technology Institute; Jake Ward, Director, Office of Innovation, University of Maine; Marlene Charron, Assistant Director, Conference Services, University of Maine. All are higher-level professionals with substantial experience in their fields.

Karen West of C&P Management was utilized as the conference consultant, as she has years of experience working with the Maine Technology Institute in planning and implementing their programs, including statewide and national conferences. She was specifically responsible for making presenter arrangements, working with the hotel, and coordinating publicity.

The University of Maine Conference Services Division, under the direction of Assistant Director Marlene Charron, handled all registrations on-line, provided registration/ welcome table staff during the event, and assisted with signage and other logistics for the event.

Co-PI Vicki Nemeth had daily oversight and management of all programmatic and financial aspects of the project, and received administrative assistance from Maine EPSCoR office staff Cynthia Grove and Jennifer Dunham. She worked with all team members and her office staff to accomplish the various responsibilities needed to implement this project, which included:



- finalizing the conference agenda & speakers
- making arrangements for presenters & conference staff
- finalizing hotel, catering, and audiovisual arrangements
- coordinating the exhibits & posters
- working with EPSCoR jurisdictions to publicize the conference & encourage attendance
- coordinating all publicity efforts on the state, regional, and national levels
- working with Conference Services on registration
- developing the conference website
- developing and assembling all conference materials
- on-site conference management
- development of evaluation materials
- direct oversight and management of the project finances
- post conference proceedings and reports
- project monitoring and reporting

In addition, four students from the University of Southern Maine were recruited to act as volunteer coordinators during the day for the breakout sessions, and they each stated that they learned valuable things from being able to sit-in on these sessions.

**FINANCES AND TRAVEL SUPPORT:**

Since this conference was directly targeted to participants in the national EPSCoR community, it was vitally important to ensure that these participants could attend. To that end, Maine NSF EPSCoR offered each of the 27 jurisdictions travel support in the amount of \$500 (on a reimbursable basis). NSF EPSCoR offices in each jurisdiction were responsible for deciding how these funds were to be allocated to their own participants. Since only a limited number of EPSCoR jurisdictions requested scholarships, increased amounts of support was made available to those individual states requesting it.

Total costs for the conference are as follows. The Maine NSF EPSCoR office also contributed additional cash and in-kind support for this event, and private sponsorships supported the networking reception (neither are listed here).

Travel scholarships to EPSCoR jurisdiction participants	\$6,323
General conference costs: meeting room rental, audiovisual technicians, meals	\$28,219
Travel costs for presenters and staff: travel, hotel, per diem, stipend	\$28,645
Other costs: personnel costs for planning and implementation (Maine NSF EPSCoR office staff, an outside conference consultant, and the University’s Conference Services department), supplies & materials, and publicity/signage	\$32,293
Indirect (F&A) cost	\$4,416
Award total:	\$99,896

## **WORKSHOP FEES:**

In order to encourage high attendance, a decision was made not to charge a workshop fee for registration. All conference costs were covered by this grant, or by the Maine NSF EPSCoR office, or supported by donations from private organizations.

## **WORKSHOP PROCEEDINGS:**

The Maine NSF EPSCoR office at the University of Maine made the proceedings from the workshop available in the following manner:

- 1) The workshop agenda, summary, presentations from plenary and break-out sessions, speaker bios, and participant contact info was provided to all participants in the conference notebook.
- 2) All of the above information was posted on the Maine NSF EPSCoR website ([www.umaine.edu/epscor](http://www.umaine.edu/epscor)) for a six month period following the workshop.
- 3) The websites of the Maine Technology Institute ([www.mainetechnology.org](http://www.mainetechnology.org)) and the Maine Office of Innovation ([www.maineinnovation.com](http://www.maineinnovation.com)) also have links to the above website.

## **EVALUATION:**

Conference organizers received 47 evaluation forms that were turned in at the end of the conference. The format of the evaluation form and the results from those received is attached below. Organizers also solicited verbal comments from participants throughout the conference, which were overwhelmingly positive.

The success of this conference was based on:

- 1) 180 participants registered (target had been 125-150)
- 2) The large number of very high quality moderators and speakers that we were able to obtain (65)
- 3) Participant representation from 21 EPSCoR jurisdictions
- h) Participant representation from a wide variety of sectors – small business owners, university researchers and administrators, university technology transfer officials, state SBIR officials, state economic development and technology transfer officials, state NSF EPSCoR administrators, and others interested in economic & small business development.
- 4) Positive verbal feedback from participants during the event
- 5) Evaluation form results based on the 28% of participants who turned them in:
  - a. Plenary sessions: 82% of respondents rated sessions very good to excellent, 14% rated good, 4% rated somewhat helpful
  - b. Breakout sessions: 80% of respondents rated sessions very good to excellent, 16% rated good, 4% rated somewhat helpful, and one rating for one session of not helpful.

# “Enhancing Linkages between Universities and Small Businesses in EPSCoR Jurisdictions”

a national NSF EPSCoR/USDA SBIR conference

October 15-16, 2007

The Marriott at Sable Oaks, South Portland, Maine

## AGENDA

### Monday, October 15, 2007

- 7:00- 8:00**  
**Foyer** Registration and Continental Breakfast – sign up for one-on-one sessions
- 8:00 – 4:30**  
**Salon A** **Networking room open with EPSCoR jurisdiction posters** - meet here throughout the day with conference presenters and other participants to share R&D focus, identify potential partners, and develop network possibilities.
- 8:00 – 8:15**  
**Salon D/E** **Welcome and Overview**  
- Michael Eckardt, University of Maine Vice President for Research/Maine NSF EPSCoR Project Director  
- Vicki Nemeth, University of Maine Director of Research Administration/Maine NSF EPSCoR Associate Project Director
- 8:15 – 9:15**  
**Salon D/E** **Plenary Session #1: Introduction to SBIR/STTR & Importance to Rural States**  
Huge gains can be seen in states with active linkages between their small business and EPSCoR programs. This session will provide an overview of the \$2 billion a year Small Business Innovation Research/Small Business Technology Transfer (SBIR/STTR) programs.  
Moderator: Betsy Biemann, President, Maine Technology Institute  
Presenters: - Siva Sureshwaran, National Program Leader, U.S. Department of Agriculture, Cooperative State, Research, Education & Extension Services, (CSREES) Washington DC  
- Joe Hennessey, Senior Advisor, SBIR/STTR, National Science Foundation SBIR/STTR Program, Arlington, VA
- 9:15 – 10:15**  
**Salon D/E** **Plenary Session #2: Introduction to EPSCoR & University Incubator Programs**  
What is EPSCoR and how can it help link universities and technology based companies? What are University incubators and how do they work?  
Moderator: Jim Gosz, National Science Foundation EPSCoR, Arlington, VA  
Presenters: - Charles D’Agostino, Executive Director, Louisiana Business & Technology Center, Baton Rouge, LA

- Mark Scarano, Executive Director, Grafton County Economic Development Council, Bristol, NH
- John Ferland, Executive Director, Maine Center for Enterprise Development, Portland, ME

**10:15 – 10:30      Break**

**Begin Breakout Sessions:** university research faculty, small business partners, and national experts will discuss their research, partnerships, and networking. For each session, a combination of speakers at the national, regional, and local level will provide a well-rounded view of each focus area. Four main tracks will feature:

- Track A – Alternative Energy – Solar, Wind, Biomass, and Agriculture Bio-Based Products
- Track B – Environmental Science and Engineering (ES&E) – Ecosystem Management, Sustainable Development, Aquaculture, Instrumentation, Alternative Waste Treatment
- Track C – Communication & Information Technology – Rural Information Technology, & Facilitating Technology Transfer - Regional Collaborations, Contracts and Patents

## **Break-out Sessions #1**

**10:30 – noon  
Salon D**

### **Session A1:    Alternative Energy – Solar, Wind**

In the quest to reduce U.S. dependency on foreign oil, effective energy alternatives require innovative R&D efforts.

Moderator: Carmela Bailey – National Program Leader, USDA CSREES, Washington, DC

Panelists: - Patrick Chapman, Associate Professor, University of Illinois at Urbana-Champaign, Urbana, IL

- Eric Benedict, Electric Engineer, Distributed Energy Systems, Barre, VT

- Chris Straka, CEO, Ascendant Energy Company, Inc. Rockland, ME

**10:30 – noon  
Salon E**

### **Session B1:    Environmental Science & Engineering – Ecosystem Management**

With urban sprawl and challenges occurring when city life meets the farm, rural states must be ready to explore the complex issues of successful environmental management.

Moderator: Mark Blanchard, Technology Commercialization Advisor, Vermont Small Business Development Center, White River Junction, VT

Panelists: - Michael Bowers, National Program Leader, USDA-CSREES, Washington, DC

- William Salas, President, Applied Geosolutions, LLC, Durham, NH

- Susan MacKay, President, Zeomatrix, LLC, Orono, ME

**10:30 – noon  
Salon B/C**

**Session C1: Communication & Technology in Rural Areas**

The telephone, internet, wireless radio and other technologies can play a special role in rural areas with needs for general communication, public safety, and information support for both locals and tourists.

Moderator: - Michael Eckardt – Vice President for Research, University of Maine, Orono ME

Panelists: - Jason Zehrung, Vice President of Operations, Hiercomm, Inc., Hartland, WI

- Jeffrey Hicks, Chairman/CEO, 21<sup>st</sup> Century Systems, Inc., Omaha, NB

- Mike Leathem, Vice President of Engineering, CrossRate Technology, Standish, ME

- Chris Frank, Founder & CEO, Intelligent Spatial Technologies, Inc., Orono, ME

**Noon – 1:30**

**Lunch – Casco Bay Room**

Introduction: Betsy Biemann, President, Maine Technology Institute, Gardiner, ME

Keynote speaker: David Erb, Director of Research & Development and New Product Development, Tex Tech Industries, North Monmouth, ME  
David will talk about his company's experience and growth utilizing both university expertise and the SBIR/STTR program. Tech Tex Industries is a 2006 Tibbetts Award organizational winner.

**Break-out Sessions #2:**

**1:30 – 3:00  
Salon D**

**Session A2: Alternative Energy – Bio-based Products**

In the quest to reduce U.S. dependency on foreign oil, effective energy alternatives require innovative R&D efforts.

Moderator: John Ferland, Executive Director, Maine Center for Enterprise Development, Portland, ME

Panelists: - Carmela Bailey, National Program Leader, Agricultural Materials, USDA CSREES, Washington, DC

- Darren Schmidt, Research Manager, Energy & Environmental Research Center, Grand Forks, ND

- Hemant Pendse, Co-Director, University of Maine Forest Bioproducts Research Initiative, Orono, ME

**1:30 – 3:00  
Salon E**

**Session B2: Environmental Science & Engineering - Sustainable Development**

What is sustainable development, how does it impact the quality of life in rural states, and where are the funding opportunities to grow a sustainable economy?

Moderator: Debbie Neuman, Director, Target Technology Incubator, Orono, ME

- Panelists: - Chuck Smith, Director, Sustainable Development Program, Appalachian State University, Boone, NC
- Mark Blanchard, Technology Commercialization Advisor, Vermont Small Business Development Center, White River Junction, VT
  - Stephen Cole, Director, Natural Resources, Coastal Enterprises Inc., Wiscasset, ME

**1:30 – 3:00**  
**Salon B/C**

**Session C2: Networking with Federal Agency Presenters**

The following presenters will specifically be available in the networking room for one-on-one sessions. Sign-up at the registration desk for a time slot.

- Siva Sureshwaran, National Program Leader, U.S. Department of Agriculture, Cooperative State, Research, Education & Extension Services, (CSREES) Washington DC
- Joe Hennessey, Senior Advisor, SBIR/STTR, National Science Foundation SBIR/STTR Program, Arlington, VA

**3:00 – 4:30**  
**Salon D/E**

**Plenary Session #3: Facilitating Technology Transfer – State Programs:**

These distinguished panelists will discuss how programs for early-stage innovators can take full advantage of partnerships with research institutions and service providers.

Moderator: Catherine Renault, Director, Maine Office of Innovation, Department of Economic Development, Augusta, ME

- Panelists: - LeAnn Oliver, Deputy Administrator Cooperative Programs, USDA Rural Development, Washington, DC
- Mahendra Jain, Vice President, Kentucky Science & Technology Corporation, Lexington, KY
  - Daniel Luton, Associate Director, Oklahoma Center for Advancement of Science & Technology (OCAST), Oklahoma City, OK
  - Betsy Biemann, President, Maine Technology Institute, Gardiner, ME

**5:00 – 7:30**

**Networking Reception at Gulf of Maine Research Institute**

Light hors d'oeuvres will be served with a cash bar and entertainment.

Representatives from the Maine Office of Tourism and the Convention & Visitors Bureau will be among several exhibitors.

**Transportation provided:**

- Bus leaves Marriott at 5:00 p.m. and again at 5:30 p.m.
- Bus returns to Marriott beginning at 7:00 p.m. and again at 7:30 p.m.

Or, after the reception you may choose to visit the “Old Port”, have dinner and sight-see along the waterfront. Taxis are readily available to take you back to the Marriott at Sable Oaks for approximately \$15-\$20 dollars.

## Tuesday, October 16, 2007 – Day 2

- 7:00 – 8:00**  
**Foyer** Registration and Continental Breakfast
- 8:00 – Noon**  
**Salon A** **Networking room open with EPSCoR jurisdiction posters** - meet here throughout the day with conference presenters and other participants to share R&D focus, identify potential partners, and develop network possibilities.
- 8:00 – 9:30**  
**Salon D/E** **Plenary Session #4: Finding Potential Partners**  
Once early-stage funding has been exhausted, small businesses must seek the next source of financing necessary to bring their innovation to market. How does a small business find and access larger sources of funding, and what are investment groups looking for?  
Moderator: Jake Ward, AVP Research, Economic Development & Gov't Relations, University of Maine, Orono, ME  
Panelists: - Susan Strommer, President & CEO, National Association of Seed & Venture Funds, Inc., Old Orchard Beach, ME  
- David Speser, Chairman & Project Director, Foresight Science & Technology, Providence, RI  
- Charles Sidman, Founding Chairman, Maine Angels, Bar Harbor, ME
- Break-out Sessions #3:**
- 9:30 – 10:45**  
**Salon E** **Session A3: Alternative Energy - Agricultural Bio-Based Products**  
The increasing use of agricultural commodities for energy and products can create additional complexities for R&D efforts.  
Moderator: Patricia Rice, Director, Maine Procurement Technical Assistance Center (PTAC), Bangor, ME  
Panelists: - S.T. Yang, Professor & Director, Ohio Bioprocessing Research Consortium, Ohio State University, Columbus, OH  
- Gary Iverson, Executive Director, Great Northern Growers Cooperative, Sunburst, MT  
- Stacey Beyer, InterfaceFABRIC, Guilford, ME
- 9:30 – 10:45**  
**Salon B/C** **Session B3: Environmental Science & Engineering - Alternative Methods for Waste Treatment**  
Rural states can benefit from the conversion of waste into energy and valuable by-products through new processes that reduce the impact on the environment.  
Moderator: Susan MacKay, President, Zeomatrix, LLC, Orono, ME  
Panelists: - F. Wayne Lee, Professor and Chairman, Dept. of Civil & Environmental Engineering, Univ. Rhode Island, Kingston, RI  
- T. Guy Roberts, Chief Scientific Officer, Avatar Alternative Energy, So. Burlington, VT  
- William Brinton, President, Woods End Laboratories, Mt. Vernon, ME

**9:30 – 10:45  
Salon D**

**Session C3: Facilitating Technology Transfer - Regional Collaborations**

Regional collaborations provide unique opportunities for researchers and small businesses to partner with others through university and federal groups designed to promote and foster interaction and economic development.

Introduction by Meriby Sweet, Center Director, Maine Small Business  
Technology Development Center

Moderator: Mahendra Jain, Vice President, Kentucky Science & Technology  
Corporation, Lexington, KY

Panelists: - Allen Dines, Assistant Director, Office of Corporate Relations,  
Midwest Research University Network, University of  
Wisconsin-Madison, Madison, WI  
- Mark Reeves, Commercialization Manager & Regional Coordinator,  
Federal Laboratory Consortium, SE Region, Oak Ridge, TN  
- Michael Bilodeau, Director, Pulp & Paper Processing Center,  
University of Maine, Orono, ME (New England Green Chemistry  
Consortium)  
- Jake Ward, AVP Research, Economic Development & Gov't  
Relations, University of Maine, Orono, ME

**Break-out Sessions #4:**

**10:45 – noon  
Salon E**

**Session A4: Environmental Science & Engineering - Aquaculture**

Fish farming both on- and off-shore offers many challenges and opportunities, and many programs can assist companies in their development.

Moderator: Michael Hastings, Director, Office of Research & Sponsored  
Programs, University of Maine, Orono, ME

Panelists: - Douglas Drennan II, Managing Member, Aquaculture System  
Technologies, Jefferson, LA  
- Larry Harris, Professor of Zoology, University of New Hampshire,  
NH  
- Steve Page, President, Ocean Farm Technologies, Searsmont, ME

**10:45 – noon  
Salon B/C**

**Session B4: Environmental Science & Engineering - Instrumentation**

Pesticides and herbicides can contaminate food products and water sources, and techniques are needed to detect and monitor their impacts in order to eliminate remediate our activities on the environment.

Moderator: Jennifer DeChant, Maine Office of Innovation, Augusta, ME

Panelists: - Ellen Campbell, Vice President, The Nitrate Elimination Co., Inc.,  
Lake Linden, MI  
- Mike Serio, President, Advanced Fuel Research, Inc. East Hartford,  
CT  
- Carl Tripp, President, Orono Spectral Solutions, Orono, ME

**10:45 – noon  
Salon D**

**Session C4: Technology Transfer – Protection with Contracts & Patents**

Small businesses have great ideas and inventions, but how do they protect their intellectual property while working collaboratively with research institutions, manufacturers and end users?

Moderator: Rita Heimes, Director, Center for Law & Innovation, University of  
Maine School of Law, Portland, ME

Panelists: - Steve Price, Assistant Vice President for Technology Development,  
Oklahoma State University, Stillwater, OK



- Todd Keiller, Director, Technology Transfer, University of Vermont, Maine Medical Center, Burlington, VT and Portland, ME
- Leonard Agneta, Director, Maine Patent Program Director, Portland, ME

**12:00 – 12:30**  
**Salon D/E**

**Plenary Session #5: Issues for the Future**

This conference is just a start in helping to create dialogue between universities, research institutions, small businesses, federal entities, and others in EPSCoR states. What are the next steps that should be taken to meet future challenges?

Moderator: Jim Gosz, National Science Foundation EPSCoR, Arlington, VA

Panelists: - Siva Sureshwaran, National Program Leader, U.S. Department of Agriculture, Cooperative State, Research, Education & Extension Services, (CSREES) Washington DC

- Joe Hennessey, Senior Advisor, SBIR/STTR, National Science Foundation SBIR/STTR Program, Arlington, VA

**12:30**

**Conference Ends – please leave your evaluation form**

**Thank you for your participation!**

---

**4:00 – 7:00 Post Conference Event: Maine Technology Institute MIXER, Marriott at Sable Oaks.** Attendance is free but you must pre-register at: [The MTI MIXER](#). Free hors d'oeuvres and a cash bar will be available.

If your travel schedule permits, we cordially invite you to attend the Maine Technology Institute (MTI) MIXER. This event is a great opportunity to meet and mingle with over 250 of the state's entrepreneurs who are growing technology companies in industries such as biotechnology, information technology, environmental technology, composite materials, aquaculture, forestry and agriculture. You will also have an opportunity to see first-hand more than 45 technologies exhibited by MTI-funded companies stimulating Maine's economy through their research and development efforts to bring new technologies to the market.

Since 1999, MTI has used seed grants, development awards and cluster enhancement programs to foster the state's innovation economy. Over 824 projects for funding totaling more than \$32 million and matched by over \$53 million have been funded. MTI companies have seen employment grow by 11%, MTI funded companies pay higher wages than average Maine businesses and MTI clients purchase materials and services from other Maine companies. MTI has also been providing SBIR/STTR assistance to Maine entrepreneurs since 1999. In that time over 56 Maine small businesses have combined for more than 160 awards representing \$32.8 million in SBIR/STTR R&D funding in Maine.

This conference is supported by a National Science Foundation EPSCoR award #EPS-0742215 to the University of Maine/Maine NSF EPSCoR, and in cooperation with the USDA CSREES SBIR program, the Maine Office of Innovation, and the Maine Technology Institute.

# “ENHANCING LINKAGES BETWEEN UNIVERSITIES AND SMALL BUSINESSES IN EPSCoR JURISDICTIONS”

**October 15 – 16, 2007, South Portland, Maine**

## CONFERENCE EVALUATION – Results of participants who returned evaluation

Please rate the sessions that you attended by placing a check ✓ in the corresponding column:	✓ Excellent	✓ Very Good	✓ Good/ Average	✓ Somewhat helpful	✓ Not helpful
<b>MONDAY SESSIONS:</b>					
Plenary #1: SBIR/STTR intro	16	16	6	2	
Plenary #2: EPSCoR & Univ. Incubators	20	11	7	2	
Plenary #3: State Technology Programs	13	20	6	2	
A1: Solar & Wind	8	9	3	1	
B1: Ecosystem Management	2	5	2		
C1: Communication & Technology	5	4	1	1	
A2: Bio-based Products	5	5	5	1	
B2: Sustainable Development	5	7	2		
C2: Federal Agency meetings	7		3		
<b>TUESDAY SESSIONS:</b>					
Plenary #4: Finding Potential Partners	22	13	3	1	
A3: Agricultural Bio-based products	6	1	3		
B3: Alternative Waste Treatment	4	2			
C3: Regional Technology Collaborations	9	9	6	2	1
A4: Aquaculture	4	4	2		
B4: Instrumentation	2	3			
C4: Contracts & Patents	11	10	2		
<b>Overall opportunities for networking:</b>	<b>17</b>	<b>12</b>	<b>6</b>		
<b>Overall conference:</b>	<b>16</b>	<b>19</b>	<b>2</b>		

**TOTAL NUMBER OF RESPONSES: 47**

### Affiliation of responders:

\_8\_ university researcher  
 \_7\_ non-profit organization  
 \_5\_ state economic development/technology transfer

\_18\_ small business  
 \_2\_ state/NSF EPSCoR  
 \_10\_ Other

### How participants learned about this conference:

- personally invited to attend
- direct email or postal mailing
- UNH OSR announcement
- "Fuel Cell Connection" e-newsletter
- UMaine or Maine EPSCoR website/office
- USDA
- email list serv for EPSCoR directors
- Maine SBTDC
- MTI website
- a presenter or conference organizer
- General internet/Google – last minute search for Oct. conferences

**Conference organizers solicited oral comments from participants during the workshop, which were overwhelmingly positive. These additional comments below were provided by the 47 participants who turned in evaluation forms (28% of participants):**

**Suggestions and comments for improvements, future conferences, etc.:**

- more info on finding potential partners
- public info (thru mass media) of SBIR (alternative energy...)
- more time during the day for networking
- more posters/industry materials
- include/involve students
- more on University roles & opportunities
- gather participants' ideas before event and set up a workshop with experts in patenting/marketing to go over those ideas in 1-1 workshop
- workshop for training on how to write patent applications
- more networking sessions
- 1-1 with patent/IP consultants
- publication of attendees prior to conference to assist in networking opportunities
- more national presence
- brief introduction of attendees in a session
- 1-1 with state level resources
- tape the sessions
- more time for presentations
- smaller breakout sessions
- extend conference to 2+ days
- more time for VC/funding info

**“ENHANCING LINKAGES BETWEEN UNIVERSITIES  
AND SMALL BUSINESSES IN EPSCoR JURISDICTIONS”**

**October 15 – 16, 2007, South Portland, Maine**

**CONFERENCE PARTICIPANT LIST**

<b>LastName</b>	<b>FirstName</b>	<b>Organization</b>	<b>City</b>	<b>State</b>
Abedi	Ali	University of Maine	Orono	ME
Agneta	Leonard	Maine Patent Program	Portland	ME
Alexander	Ben	OpenGate Technologies - Maine	Portland	ME
Anania	Peter	Anania & Associates	Portland	ME
Anderson	Eric	Maine BioTek, Inc.	Winterport	ME
Arno	Katherine	Maine SBTD	Portland	ME
Arsenault	Judy	University of Maine	Orono	ME
Bailey	Carmela	USDA CSREES - Washington DC	Washington	DC
Bard	Celeste	ARCADIA designworks LLC - ME	Portland	ME
Barnes	James	Louisiana State University	Oak Grove	LA
Belle	Sebastian	Maine Aquaculture Assoc.	Hallowell	ME
Benedict	Eric	Distributed Energy Systems - VT	Barre	VT
Benson	Jonathon	University of Wyoming	Laramie	WY
Bertaska	Rick	New England Analytical - NH	Nashua	NH
Beyer	Stacie	InterfaceFabric, Inc - ME	Bangor	ME
Biemann	Betsy	Maine Technology Institute	Gardiner	ME
Bilodeau	Michael	University of Maine	Orono	ME
Blanchard	Mark	Vermont SBDC	White River Jct	VT
Bowers	Michael	USDA CSREES - Washington DC	Washington	DC
Brinton	William	Woods End Laboratories - ME	Mt. Vernon	ME
Bromley	Lynn	Senator - Maine State Legislature		
Burwell	Brian	Maine SBDC	Portland	ME
Cambridge	Neil	Comparison International - ME	Portland	ME
Campbell	Ellen	The Nitrate Elimination Co. Inc.- MI	Lake Linden	MI
Carrigg	Daniel	RI EPSCoR	Kingston	RI
Cecil	Joe	New Mexico State University	Las Cruces	NM
Chai	Fei	University of Maine	Orono	ME
Chapman	Patrick	Univ of IL @ Urbana-Champaign	Urbana	IL
Charron	Marlene	University of Maine	Orono	ME
Cheever	Lee	Maine SBDC	Portland	ME
Chestnutt	Michael	Spot Architecture & Const - ME	Portland	ME
Clouthier	Sharon	Maine BioTek, Inc.	Winterport	ME
Cole	Stephen	Coastal Enterprises, Inc. - ME	Wiscasset	ME
Curry	Mike	PARATUSEC - Maine	Brunswick	ME
D'Agostino	Charles	Louisiana State University	Baton Rouge	LA
Daniel	Carey	CTS, Inc.- Alabama	Birmingham	AL
DeChant	Jennifer	Maine Office of Innovation	Augusta	ME
Demeritt	Daniel	CivMind - Maine	Augusta	ME
Dines	Allen	University of Wisconsin - Madison	Madison	WI

Dong	Jianjun	Auburn University - Alabama	Auburn	AL
Donovan	Anthony	Fishman Realty Group - ME	Portland	ME
Doran	Michael	University of South Alabama	Mobile	AL
Drennan II	Douglas	Aquaculture System Tech, LLC - LA	Jefferson	LA
Duncan	Scott	Navocean LLC - Maine	Portland	ME
Eckardt	Michael	University of Maine	Orono	ME
Eller	Stan	Alliance for a Clean 7 Healthy Maine	Manchester	ME
Erb	David	Tex Tech Industries, Inc. - ME	N. Monmouth	ME
Farwell	Sherry	SDSM&T - South Dakota	Rapid City	SD
Ferland	John	Maine Center for Enterprise Dev.	Portland	ME
Fernandez	Joe	University of Maine	Orono	ME
Fleishman	Carol	Fleishman Engineering/Tech Ed - ME	Scarborough	ME
Frank	Chris	Intelligent Spatial Tech. Inc.- Maine	Orono	ME
Frederich	Markus	University of New England - Maine	Biddeford	ME
Freeman	Kevin	Pizzagalli Construction Co. - ME	Portland	Me
Gallant	David	Rerum Novarum Co - Maine	Bangor	ME
Ganter	Geoffrey	University of New England - Maine	Biddeford	ME
Gartland	Peter	Glenwood Research LLC - ME	Casco	ME
Gordon	Joan	Maine Molecular Quality Controls, Inc.	Scarborough	ME
Gosselin	Gayle	Synergy Solutions - Vermont	Burlington	VT
Gosz	James	NSF EPSCoR - VA	Arlington	VA
Grant	Richard		Brunswick	ME
Gregoire	Michelle	University of New Hampshire	Durham	NH
Grove	Cynthia	University of Maine	Orono	ME
Guffin	Peter	Pierce Atwood - Maine	Portland	ME
Harris	Larry	University of New Hampshire	Durham	NH
Hart	David	University of Maine	Orono	ME
Hastings	Michael	University of Maine	Orono	ME
Heimes	Rita	University of Maine	Portland	ME
Helphand	Steve	Self Employed	Yarmouth	ME
Hennessey	Joseph	National Science Foundation - VA	Arlington	VA
Hentges	Lynnette	University of New Hampshire	Durham	NH
Hicks	Jeffrey	21st Century Systems, Inc.- NE	Omaha	NE
Hinckley	Jeffrey	Mainewave, Inc.	Pownal	ME
Hodges	Brian	DECD - Maine	Fairfield	ME
Hong	Haiping	School of Mines & Tech - SD	Rapid City	SD
Howard	Chris	Pierce Atwood - Maine	Portland	ME
Hsieh	Sean	University of Nevada	Las Vegas	NV
Iverson	Gary	Great Northern Growers Corp - MT	Sunburst	MT
Jain	Mahendra	Kentucky Science & Tech. Corp.	Lexington	KY
Jost	Jennifer	University of New England - Maine	Biddeford	ME
Jury	Steven	Marical, Inc. - Maine	Portland	ME
Kartez	Jack	University of Southern Maine	Portland	ME
Keiller	Todd	University of Vermont	Hopkinton	MA
Khan	Shaheed	Timberco Inc dba TECO-Fredericton NB	NB	CAN
Kidd	Robert	Kidd Associates - Maine	Boothbay	ME
Kimbell	Barbara	EPSCoR - New Mexico	Albuquerque	NM

Kuzmova	Katarina	Maine Center for Enterprise Dev	Portland	ME
LaChance	Robert	Drivewheel Manufacturing - ME	Sanford	ME
Lamdin	Geoff	Left Field Solutions, LLC - Maine	Brunswick	ME
Lamont	Valarie	University of Southern Maine	Portland	ME
Lane	Edward	University of North Carolina	Chapel Hill	NC
Leathem	Mike	CrossRate Technology - ME	Standish	ME
Lee	K. Wayne	University of Rhode Island	Kingston	RI
Lee	Jee	South Country Hasp - RI	Kingston	RI
Lenfest	Paul	Independent Engineer - ME	Smithfield	ME
Liew	Chung	Pemsoftware - New Jersey	Scotch Plains	NJ
Liu	Xiongyi	University of Maine	Orono	ME
Luton	Daniel	OK Ctr for Advancement of Sci & Tech	Oklahoma City	OK
MacKay	Susan	Zeomatrix, LLC - Maine	Orono	ME
Martz	Nancy	Univerity of Southern Maine	Portland	ME
Mason	Heather	Maine Green Cents	York	ME
Massaua	John	Maine SBTDC	Portland	ME
McAlhany	J. Ann	Maine SBDC	Bangor	ME
McNeill	Tristam	Maine Center for Enterprise Dev	Portland	ME
Mitchell	Maylene	Rynel, Inc. - Maine	Wiscasset	ME
Nemeth	Vicki	University of Maine	Orono	ME
Neuman	Debbie	University of Maine	Orono	ME
Nie	Jianhu	University of Nevada	Las Vegas	NV
Norvell	Hal	Maine Technology Institute	Gardiner	ME
Oliver	LeAnn	USDA Rural Development	Washington	DC
Olson	James	Smith Barney - Maine	Portland	ME
O'Sullivan	John	Chemogen, Inc. - Maine	S. Portland	ME
Page	Steve	OceanFarm Technologies - ME	Searsmont	ME
Palanki	Srinivas	University of South Alabama	Mobile	AL
Pendse	Hermant	University of Maine	Orono	ME
Pietrak	Mike	Maine Aquaculture Assoc.	Hallowell	ME
Pratt	Carolyn	Tech Research & Dev Ctr - AK	Anchorage	AK
Price	Steve	Oklahoma State University	Stillwater	OK
Raessler	Claudia	Royal River Alpaca Co - Maine	N. Yarmouth	ME
Reeves	Mark	Oak Ridge National Lab - TN	Oak Ridge	TN
Reitman	Lilliana	Global Wellness - Maine	Brunswick	ME
Renault	Catherine	Maine Office of Innovation	Augusta	ME
Rice	Patricia	ME PTAC/ E. ME Dev Corp	Bangor	ME
Roberts	T. Guy	Avatar Alternative Energy - VT	S. Burlington	VT
Rubner	Lauri	Sonic Foundry, Inc. - NH	Goffstown	NH
Salas	William	Applied Geosolutions, LLC - NH	Durham	NH
Santerre	Patric	ARCADIA designworks LLC - ME	Portland	ME
Sawyer	Erica	Maine SBTDC	Portland	ME
Scarano	Mark	Grafton Cty Econ Dev Council - NH	Bristol	NH
Schmidt	Darren	Energy & Environ Research Ctr - ND	Grand Forks	ND
Schwab	Bruce	OceanPlanet Fndn, Rumbleseat Rigging	Woolwich	ME
Serio	Mike	Advanced Fuel Research, Inc.- CT	E. Harford	CT
Shaffer	James	University of Southern Maine	Portland	ME

Shatalov	Maxim	Sensor Electornic Tech, Inc.- SC	Columbia	SC
Shattuck	Jay	USi Development Co.	Trumbull	CT
Shwaery	Tracy	AcuFocus - Maine	Kittery Point	ME
Shwaery	Glenn	Non-lethal Concepts, LLC - NH	Dover	NH
Sidman	Charles	Maine Angels	Bar Harbor	ME
Silver	A.	Silver Performance Gear - Maine	Biddeford Pool	ME
Simon	Gary	University of Delaware	Newark	DE
Singh	Subodh	Sinte Gleska University - SD	Mission	SD
Sinha	Sumon	Sinhatech - Mississippi	Oxford	MS
Skillman	Butch	School of Mines & Tech - SD	Rapid City	SD
Skoczenski	Brian	EDOTS Technology, LLC - Maine	Portland	ME
Smith	Chuck	Appalachian State University - NC	Boone	NC
Solouki	Touradj	University of Maine	Orono	ME
Soucie	Glen	A-1 Driving School/Drivtrain - ME	Augusta	ME
Soucie	Tina	A-1 Driving School/Drivtrain - ME	Augusta	ME
Speser	David	Foresight Science & Technology - RI	Providence	RI
Spiller	Seth	Architectural Design-Build - ME	York Harbor	ME
Steier	Nathaniel	nsteier.com - Maine	Portland	ME
Stevens	Kassie	Hydro-Photon, Inc.- Maine	Blue Hill	ME
Stevens	Hugh	University of Maine	Orrington	ME
Stockstad	Mandy	EPSCoR - South Dakota	Brookings	SD
Stone	Sandra	Maine Ctr for Enterprise Dev	Portland	ME
Straka	Chris	Ascendant Energy Company, Inc - ME	Rockland	ME
Strommer	Susan	Nat'l Assoc of Seed & Venture Funds	Old Orchard	ME
Sureshwaran	Suresh	USDA CSREES - Washington, D.C.	Washington	DC
Swanson	Bradshaw	Maine SBTDC	Augusta	ME
Sweet	Meriby	Maine SBTDC	Gardiner	ME
Tanikella	Anand	IPLPO Associates - MA	Northborough	MA
Taylor	Jan	EPSCoR - West Virginia	Charleston	WV
Thibeault	Peter	Delphi Global Services - ME	Hallowell	ME
Tilley	Daniel	New Product Dev Ctr, OSU - OK	Stillwater	OK
Tripp	Carl	Orono Spectral Solutions - ME	Orono	ME
Turina	Paul	MTI	N. Yarmouth	ME
Vaidyanathan	Ranji	New Product Dev Ctr, OSU - OK	Stillwater	OK
van Walsum	Peter	University of Maine	Orono	ME
Vedral	John	Perfio - Maine	Buxton	ME
Walters	Anthony	NSF EPSCoR - VA	Arlington	VA
Ward	Jake	University of Maine	Orono	ME
Watts	Deborah	Technology Dev Group - NC	Holly Springs	NC
West Morgan	Karen	C & P Management Services, LLC - ME	Washington	ME
Whitney	Brian	US Senator Olympia J. Snowe - ME	Augusta	ME
Whittier	Jennifer	Pierce Atwood - Maine	Portland	ME
Wilkins	Tim	Maine Biofuel International	Cape Elizabeth	NE
Williams	Greg	Hydrogen Energy Center - ME	Scarborough	ME
Yang	S. T.	Ohio State University	Columbus	OH
Zehrunig	Jason	Hiercomm, Inc. - Wisconsin	Hartland	WI
Zhu	Yifeng	University of Maine	Orono	ME

**“ENHANCING LINKAGES BETWEEN UNIVERSITIES  
AND SMALL BUSINESSES IN EPSCoR JURISDICTIONS”  
October 15 – 16, 2007, South Portland, Maine**

**LIST OF CONFERENCE PRESENTERS**

<b>Day 1 - Plenary Session #1 - Intro to SBIR/STTR Programs - NSF/USDA - 8:15 - 9:15</b>		
<b>First Name</b>	<b>Last Name</b>	<b>Company/Agency</b>
<i><b>Moderator</b></i>		
Betsy	Biemann	Maine Technology Institute
<i><b>Panelists</b></i>		
Suresh	Sureshwaran	USDA/CSREES
Joseph	Hennessey	National Science Foundation
<b>Day 1 - Plenary Session #2 - EPSCoR &amp; University Incubators - 9:15 - 10:15</b>		
<i><b>Moderator</b></i>		
James	Gosz	National Science Foundation EPSCoR
<i><b>Panelists</b></i>		
Charles	D'Agostino	Louisiana Business & Technology Center, Louisiana State University
Mark	Scarano	Grafton County Economic Development Council
John	Ferland	Maine Center for Enterprise Development
<b>Day 1 - Breakout Session #1 - Three Tracks - 10:30 - 12:00</b>		
<b>Session A1 - Alternative Energy - Solar, Wind</b>		
<i><b>Moderator</b></i>		
Carmela	Bailey	USDA CSREES
<i><b>Panelists</b></i>		
Patrick	Chapman	Univ. Of Ill@Urbana-Champaign
Eric	Benedict	Distributed Energy Systems
Chris	Straka	Ascendant Energy Company, Inc.
<b>Session B1 - Ecosystem Management</b>		
<i><b>Moderator</b></i>		
Mark	Blanchard	Vermont Small Business Development Center
<i><b>Panelists</b></i>		
Michael	Bowers	USDA CSREES
William	Salas	Applied Geosolutions, LLC
Susan	MacKay	Zeomatrix, LLC
<b>Session C1 - Communication &amp; Technology in Rural Areas</b>		
<i><b>Moderator</b></i>		
Michael	Eckardt	University of Maine
<i><b>Panelists</b></i>		
Jason	Zehrunge	Hiercomm, Inc.
Jeffrey	Hicks	21st Century Systems, Inc.
Mike	Leathem	CrossRate Technology
Chris	Frank	Intelligent Spatial Technologies, Inc.
<b>Lunch</b>		



Betsy	Biemann	Maine Technology Institute
David	Erb	Tex Tech Industries, Inc.
<b>Day 1 - Breakout Session #2 - Three Tracks - 1:30 - 3:00</b>		
<b>Session A2 - Bio-based Products</b>		
<i>Moderator</i>		
John	Ferland	Maine Center for Enterprise Development
<i>Panelists</i>		
Carmela	Bailey	USDA CSREES
Darren	Schmidt	Energy & Env. Research Center
Hemant	Pendse	Chemical Biological Eng./FBRI UMaine
<b>Session B2 - Sustainable Development</b>		
<i>Moderator</i>		
Debbie	Neuman	Target Technology Center
<i>Panelists</i>		
Chuck	Smith	Appalachian State University
Mark	Blanchard	Vermont Small Business Development Center
Stephen	Cole	Coastal Enterprises, Inc.
<b>Session C2 - Networking with Federal Agency Presenters - 1:30 - 3:00</b>		
Suresh	Sureshwaran	USDA/CSREES
Joseph	Hennessey	National Science Foundation
<b>Day 1 - Plenary Session #3 - Facilitating Technology Transfer - 3:00 - 4:30</b>		
<i>Moderator</i>		
Catherine	Renault	Maine Office of Innovation
<i>Panelists</i>		
LeAnn	Oliver	USDA Rural Development
Mahendra	Jain*	Kentucky Science & Technology Corp
Daniel	Luton	OK Ctr for Advancement of Science & Technology (OCAST)
Betsy	Biemann	Maine Technology Institute
<b>Day 2 - Plenary Session #4 - Finding Potential Partners - 8:00 - 9:30</b>		
<i>Moderator</i>		
Jake	Ward	University of Maine
<i>Panelists</i>		
Susan	Strommer	National Association of Seed & Venture Funds, Inc.
David	Speser	Foresight Science & Technology
Charles	Sidman	Maine Angels
<b>Day 2 - Breakout Session #3 - Three Tracks - 9:30 - 10:45</b>		
<b>Session A3 - Agriculture Bio-Based Products</b>		
<i>Moderator</i>		
Pat	Rice	Maine PTAC
<i>Panelists</i>		
Shang-Tian (S.T)	Yang	Ohio Bioprocessing Research Consortium/Ohio State University
Gary	Iverson	Great Northern Growers Cooperative
Stacie	Beyer	InterfaceFABRIC
<b>Session B3 - ES&amp; E Alternative Methods for Waste Treatment</b>		

<b><i>Moderator</i></b>		
Susan	MacKay	Zeomatrix, LLC
<b><i>Panelists</i></b>		
K. Wayne	Lee	Dept. of Civil & Env. Eng. Univ of Rhode Island
T. Guy	Roberts	Avatar Alternative Energy
William	Brinton	Woods End Laboratories
<b>Session C3 - Facilitating Technology Transfer - Regional Collaborations</b>		
<b><i>Moderator</i></b>		
Mahendra	Jain	Kentucky Science & Technology Corp
<b><i>Panelists</i></b>		
Allen	Dines	Midwest Research University Network, University of Wisconsin-Madison
Mark	Reeves	Oak Ridge National Laboratory
Michael	Bilodeau	New England Green Chemistry Consortium/ University of Maine
Jake	Ward	University of Maine
<b>Day 2 - Breakout Session #4 - Three Tracks - 10:45 - 12:00</b>		
<b>Session A4 - ES&amp;E - Aquaculture</b>		
<b><i>Moderator</i></b>		
Michael	Hastings	Office of Research & Sponsored Programs, University of Maine
<b><i>Panelists</i></b>		
Douglas	Drennan II	Aquaculture System Technologies, LLC
Larry	Harris	University of New Hampshire
Steve	Page	Ocean Farm Technology
<b>Session B4 - ES&amp;E - Instrumentation</b>		
<b><i>Moderator</i></b>		
Jennifer	DeChant	Dept of Economic Development
<b><i>Panelists</i></b>		
Ellen	Campbell	The Nitrate Elimination Co, Inc.
Mike	Serio	Advanced Fuel Research, Inc.
Carl	Tripp	Orono Spectral Solutions
<b>Session C4 - Communication: Protecting Technology through Contracts &amp; Grants</b>		
<b><i>Moderator</i></b>		
Rita	Heimes	Center for Law and Innovation
<b><i>Panelists</i></b>		
Steve	Price	Oklahoma State University, Office of Intellectual Property
Todd	Keiller	Univ. of Vermont, Maine Medical Center
Leonard	Agneta	Maine Patent Program
<b>Day 2 - Plenary Session 5 - 12:00 - 12:30 - Issue for the Future</b>		
<b><i>Moderator</i></b>		
Jim	Gosz	National Science Foundation EPSCoR
<b><i>Panelists</i></b>		
Suresh	Sureshwaran	USDA/CSREES
Joseph	Hennessey	National Science Foundation