

**Global U8 Consortium
Joint Research Committee**

**Globalization, Marine Affairs, and Ocean
Sciences: Understanding the Human
Dimensions
of Global Change**

**Peter Alfonso, Ph.D.
Joint Research Committee Chair**

**Newport, Rhode Island
April 30-May 2, 2008**

**Peter Alfonso, Ph.D.
Vice President for Research
and
Economic Development**

Joint Research Committee Mission Statement

The purpose of developing the joint-research program among the participating universities is to encourage researchers to work together in the areas of:

- Global Logistics
- Marine Affairs
- Business Administration
- Advanced Technologies

The joint research may be based on interdisciplinary investigations covering areas of mutual interest particularly those receiving wide public and private sector support.

GU8 Consortium Member Universities



Agreed items from 2004-05-06

JRC Meetings

Previous Workshops

- **Business Workshop**
 - Inha University, October 23 – 24, 2006
- **Fusion Technology Workshop**
 - University of Le Havre, June 26 – 27, 2006
- **IT Workshop**
 - Xiamen University, February 14 – 15, 2006
- **Research Workshop- Ports: Multimodal Transportation, Logistics, Security and Environmental Dimensions**
 - University of Rhode Island (Hawaii), February 15 – 17, 2005
- **Global U7 Biotechnology Symposium (Workshop)**
 - Inha University, December 10, 2004

Agreed items from 2007 JRC Meeting

Upcoming Workshops

- **Best Practices in Global Logistics, Security and IT Usage**
 - **University of Hawai'i at Manoa, *March 2008***

- **Marine Affairs Workshop**
 - **University of Rhode Island, *April 2008***

- **4th JRC**
 - **University of Le Havre, *June 2008***

Previous GU8 Conferences

- *Advanced Technologies International Symposium*
 - University of Le Havre & Inha University
 - June 26 – 27, 2007, Le Havre, France

- *National Security, Natural Disasters, Logistics and Transportation: Assessing the Risks and Responses*
 - University of Rhode Island & Inha University
 - September 25-26, 2006, Kingston, RI, USA

Upcoming GU8 Conferences

- **Business Administration Conference**
– **Inha University, *October 2008***

- **Business Model Innovation in the Global Era**
– **Xiamen University, *October 2009***

GU8 Joint Research Projects

1) Inha University & University of Washington

*** Research Title :**

**Changes in Productivity associated with four introduced species:
Ecosystem transformation of a "pristine" estuary**

*** Collaborators :**

- **Prof. Jae-Sang Hong, Inha University**
- **Prof. Jennifer Ruesnk, University of Washington**

2) Inha University & University of Le Havre

*** Research Title :**

**Marine Environmental Biotechnologies and Functional Genomics as
Tools for Estuarian (Marine) Environmental Risk Assessment**

*** Collaborators :**

- **Prof. Chung Soon Chang, Inha University**
- **Prof. Francois Le Boulenger, University of Le Havre**

GU8 Joint Research Projects

3) Inha University & RMIT University

*** Research Title :**

Studies on the selection and cultivation of functional Lactobacillus spp. inhibiting pathogenic microorganisms

*** Collaborators :**

- **Prof. Jae-Seong So, Inha University**
- **Prof. Peter J. Coloe, RMIT University**

4) Inha University & University of Rhode Island

*** Research Title :**

A Strategic Model for Optimal Scaling of International Container Ports

*** Collaborators :**

- **Prof. Young-Tae Chang, Inha University**
- **Prof. Christopher M. Anderson, University of Rhode Island**

GU8 Joint Research Projects

5) APEC Transportation Working Group

- * **Research Title :**
ATLAS of International Trade and Logistics
- * **Collaborators :**
 - **APEC Transportation Working Group**

6) University of Rhode Island & University of Haifa

- * **Research Title :**
The Ethical Implications on Technology, Health, the Internet and Workplace Privacy
- * **Collaborators :**
 - **Prof. Lynn Pasquerlla, University of Rhode Island**
 - **Prof. Itzhak Harpaz, University of Haifa**

GU8 Joint Research Council Roadmap (2007)

1. Continue to support the four focus areas through joint workshops and conferences
 - a. Marine Affairs (most tightly couples coastal universities of GU8)
 - b. Advanced Technologies
 - c. Global Logistics
 - d. Business Administration

2. Explore additional focus areas related to Marine Affairs, e.g;
 - a. Global Climate Change
 - b. Port Security

GU8 Joint Research Council Roadmap (2007)

3. Enhance institutional support for collaborative research projects stemming from joint workshops and conferences.
 - a. Engage Deans, Chairs/Heads, Key Faculty
 - b. Better link the GU8 Education Committee with the aims of the GU8 JRC.

4. Explore additional partnerships (coastal university-government-industry), e.g;
 - a. India
 - b. South America
 - c. Africa

GU8 Joint Research Council Roadmap (2007)

5. Identify local “Champions” and local incentives to foster and sustain joint research projects.

6. Develop strategies to raise appropriate levels of funding to support joint research projects.
 - a. Identify Government Targeted Research Areas.
 - b. Identify Appropriate Corporate Partnerships.

GU8 Joint Research Council Roadmap (2007)

7. Develop a culture of “Collaborative-Commercialization” based on the following:
 - a. Collaboration cannot be mandated but rather must be incentive-based.
 - b. Faculty who are intellectual property (IP) motivated and sophisticated often are eager to enter into collaborations that will enhance their IP.

GU8 Joint Research Council Roadmap (2007)

- c. Include institutional IP managers to the JRC.

- d. Define and develop strategies to deal with international IP barriers and craft GU8 IP policy.

- e. Link existing and proposed institutional research and technology parks.

- f. Link institutional corporate partners.

GU8 Joint Research Council Roadmap (2007)

g. Link regional and federal government strategic research and economic development goals, e.g. NSF “State Fidelity”

8. Fully support the idea that the ultimate goal of the GU8 Joint Research Council is:

**“International Economic Development
and Commercialization”**

GU8 Council of Presidents (2007)

JRC Focus Areas

1. Focus on Marine Affairs and Global Logistics
2. Develop Research Fund Partnership
3. Develop Global Intellectual Property Policy

Proposed: JRC Task Force Initiative

1. Establishes JRC role in initiating and sustaining GU8 collaborative research programs through commercialization of resulting technologies.
2. Organizes GU8 scientific expertise around broad research theme and supporting focus areas.
3. Establishes the Task Force Industrial Advisory Committee toward private sector partnerships and revenue generation.

JRC Task Force on Future Supply Chains: Issues, Design, Configurations

Facilitator: Dr. Peter Alfonso, JRC Representative and
University of Rhode Island

Focus Area One: Issues concerning the greening of supply
chains.

Team Leader: Dr. Chandra S. Lalwani, University of Hull

Focus Area Two: Issues concerning supply chain risks and
security

Team Leader: Dr. Booi Kam, RMIT, Australia

JRC Task Force on Future Supply Chains: Issues, Design, Configurations

Focus Area Three: Issues related to roles of transport infrastructure in supply chain operations

Team Leader: Dr. Doug Hales, University of Rhode Island

Industrial Advisory Committee: TBA