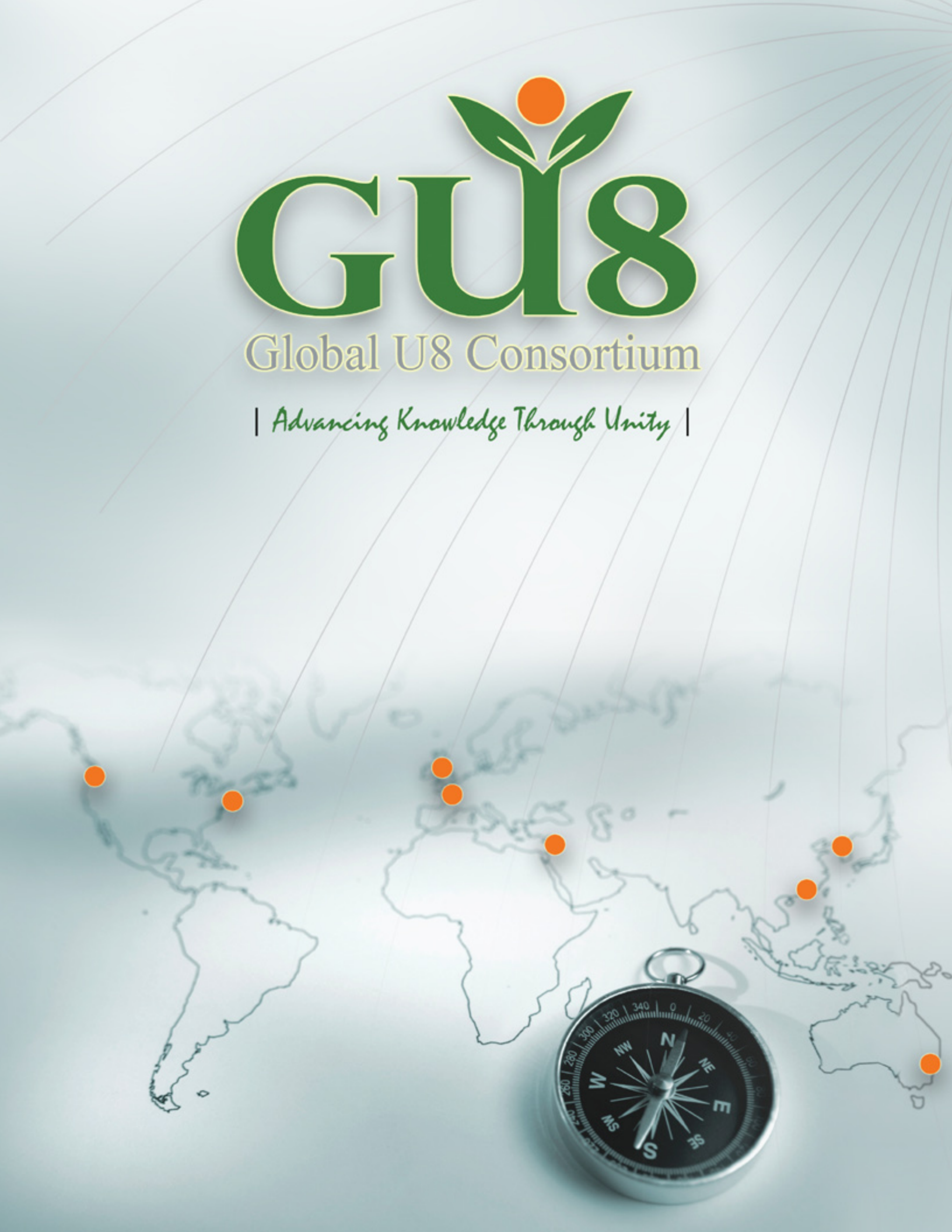
# GU8

## Global U8 Consortium

*| Advancing Knowledge Through Unity |*



# Global U8 Consortium

| *Advancing Knowledge Through Unity* |

# Message from the GU8 Chairman

It is my great honor to chair the Global U8 Consortium (GU8), stepping into the very large footprints of the consortium's founding chairman and now our Honorary Chairman, President Seoung-Yong Hong, of Inha University. It was his vision for coastal universities around the globe to be united by common cause and common purpose that brought each of us here together. We are all immensely grateful to him for his leadership and his service.

My vision for the future of the GU8 Consortium, particularly with a focus on the next several years, is based on our universities' common location on the world's coastlines and a common commitment to issues relating to the world's oceans. And while each of our universities has a wide range of interests and expertise, we are bound together by the sea. I believe that President Hong was right to find that common theme in establishing the consortium, and I believe it is right to continue to make that the central focus of what we do. With the world's attention now fixed on global warming and its impact on the world's oceans and coastlines, we have a wonderful opportunity to stand in the forefront of science, technology, business and public policy.

The Council of Presidents affirmed the four areas in which we would focus our work: 1) marine affairs, 2) advanced technology, 3) business administration, and 4) global logistics. Marine affairs can certainly include work on the world fisheries and oceanography, but it should also include such areas the law of the sea, port security, as well as policy around coastal development, archeology and other areas where our universities have unique strengths. Advanced technologies can be explored and developed around issues of the environment and on the life sciences, particularly as they bear on our strengths in oceanographic sciences. Business administration, including resource economics, can help us understand how we can take these scientific and cultural ideas to the world marketplace. We need to learn more about the commercialization of the intellectual properties developed on our campuses. And, of course, the focus on global logistics and supply chain management is an area both very important to the growing world marketplace and an area of strength for our institutions.

As we have all, as presidents, told our own faculty and governing boards, the GU8 cannot be all things to all people. If we can achieve this focus on issues related to the sea, we can become the group of universities to which the world will turn for scholarship and leadership in a broad range of subjects very much in the public spotlight.

I am excited about what we can yet accomplish, building on the vision and leadership of my friend and colleague, President Seoung-Yong Hong.

# The GU8 Joint Research Committee

The mission of the GU8 Joint Research Committee (JRC) is to encourage collaborative research among the participating universities in the areas of marine affairs, advanced technologies, global logistics, and business administration, and in particular those research areas receiving wide public and private sector support. The GU8 Council of Presidents Declaration extended the original mission to include a focus on commercialization of intellectual properties stemming from GU8 collaborative research. Thus, the current GU8 Joint Research Committee mission is to assist in the formulation and sustainability of collaborative research programs and to encourage revenue generation through the commercialization of GU8 derived technologies and products.

The JRC has sponsored several workshops that have succeeded in bringing together researchers from the participating institutions representing each of the four focus areas to plan collaborative research programs. The JRC Task Force addresses important issues such as continuity, sustainability, and revenue generation that are critical to meeting the objectives of the JRC collaborative research mission.

**A sample of GU8 research workshops:**

- Asia Logistics Round Table (ALRT) International Conference on Logistics, *Incheon, Korea*
- Marine Affairs – A Bridge for Peace, *Haifa, Israel*
- Globalization, Marine Affairs and Ocean Sciences: Human Dimensions of Global Change, *Rhode Island, US*
- Best Practices in Logistics, Security, and IT Usage, *Hawaii, US*
- National Security, Natural Disasters, Logistics & Transportation: Assessing the Risks and Responses International Conference, *Rhode Island, US*
- Global U8 Consortium Workshop on Information Technology, *Xiamen, China*
- Ports: Multimodal Transportation, Logistics, Security and Environmental Dimensions, *Hawaii, US*
- Global U8 Biotechnology Symposium, *Incheon, Korea*

# The GU8 Education Committee

The potential for global educational activities beyond one-to-one exchange programs is the hallmark of the GU8 Consortium. The focus of the Consortium on marine affairs, global logistics, advanced technologies and business administration programs must be supported with appropriately crafted educational programs delivered through innovative pedagogy as well as supporting administrative systems and services. The goals of the committee are to:

1. Develop globally-oriented programs in marine affairs, global logistics, advanced technologies, and business administration with a goal of participation by more than two Consortium member universities;
2. Develop mobility strategies for students, faculty, and staff;
3. Develop supporting academic systems, including the roles of the Library and International programs offices, with a goal of expanding resources available to Consortium members in education initiatives;
4. Gather and disseminate information about member universities, program outcomes, and student mobility outcomes to support publications about the Consortium, both in print and electronically.

## An example of the education programs offered is the GU8 Global MBA and Leadership Program.

Four universities have developed the GU8 Global MBA and Leadership Program to incorporate local, national and global issues in educating our business students. The four universities currently collaborating are Inha University, Korea; University of Le Havre, France; University of Rhode Island, USA; and Xiamen University, China. One goal of the Global MBA and Leadership program is to provide international education based on our unique GU8 Consortium research knowledge. We accomplish this goal by coordinating the program with ongoing research documenting successful business practices in each country. We also aim to prepare our next generation of leaders who understand global issues and who can apply them in their own community and national contexts.

Students in the GMBA&L program undertake business studies within their home institutions. The students then undertake intensive study for two weeks in each of the four locations, necessitating travel away from home for 6 weeks total for each student. Two-week courses in the GMBA&L program cover the capstone level of MBA studies in global supply chains, retailing, corporate social responsibilities, communication, and creativity and leadership in management. Students not only learn about international and cultural issues by studying in each of the member institutions' countries, but also truly learn to work cross-culturally in groups comprised of one member from each GU8 institution. Each student serves as a group leader during the time of study in his/her home location.

# Inha University, South Korea

Inha University was founded in 1954 as an engineering institute by Dr. Syng-Man Rhee, the first President of the Republic of Korea. The university's name is a combination of the words "Incheon" (In) and "Hawaii" (Ha), to honor those first Korean emigrants to Hawaii who had greatly contributed to the founding of Inha University. Since then, Inha University has become one of the most prestigious private universities in Korea, continually ranked in the top 10 colleges nationwide. The University has gained a reputation for excellent educational programs and research in the fields of science and technology, and across a broader academic spectrum including information technology, social sciences, business, global logistics, education, law, fine arts, humanities and medicine. Inha currently has more than 20,000 enrolled students and 700 international and domestic faculty members. Motivated by strong support and investment from the Hanjin Group, along with Korean Air, Inha's vision will continue with its grand project of building a global campus in New Songdo City, a newly emerging international business and R&D hub city in Northeast Asia.

Outstanding educational programs include the Master of Global Logistics Management (MGLM): a business management program for global logistics with all courses taught in English during short study period of 1.5 years. Many programs afford students research or industry internship experiences. Also available are an intensive summer program to get exposure to Korean culture and society and a Korean Language Program for Foreign Students. Research areas of focus at Inha University include Bio-Technology; Nano-Technology; Information Technology; Business; Global Logistics and Supply Chain Management; Marine Affairs (including Oceanography, Marine Geology, Marine Biology, Coastal Environment, and Coastal Engineering); Intellectual Property Law; Geo-informatics; Future Energy sources; and Aerospace and Automotive Engineering.

# University of Rhode Island, United States

THE UNIVERSITY OF RHODE ISLAND

The University of Rhode Island was originally chartered as the state's Agricultural Experiment Station and agricultural school in 1888, at the old Oliver Watson Farm, now restored and listed as historic landmark on the campus. In 1892, the school became the Rhode Island College of Agriculture and Mechanic Arts and, two years later, the first class of 17 members graduated. In 1907, the first Master's degree was awarded. In 1909, a state commission report recommended changing the name to Rhode Island State College to demonstrate the increased value of the college to the State. In 1951, the college became the University of Rhode Island. The Board of Governors for Higher Education became the governing body of the University in 1981.

The University of Rhode Island has a strong tradition of research and outreach in areas that affect people in their daily lives, with particular focus on marine and environmental sciences; children, families, and communities; health sciences; and advanced technology and expertise. URI receives more than $60 million annually in sponsored research funds and consistently ranks among the top institutions in the nation receiving environmental research funds.

The University of Rhode Island comprises four campuses. Its main campus is located in southern Rhode Island, in the historic village of Kingston; the Narragansett Bay Campus is home to the Graduate School of Oceanography, one of the top five oceanographic institutions in the country; the Feinstein Providence Campus, located in downtown Providence, offers a wide variety of degree and certificate programs; and the Alton Jones Campus, the site of a year-round National Center for Environmental Education.

The University of Rhode Island offers more than 80 majors in the colleges of Arts and Sciences, Business Administration, Continuing Education, Engineering, Environment and Life Sciences, Human Science and Services, Nursing, Pharmacy, University College and the Graduate School of Oceanography.

**Research Areas**:

**MARINE AFFAIRS**

Graduate School of Oceanography

College of the Environment and Life Sciences

(Department of Marine Affairs)

**ADVANCED TECHNOLOGIES**

Ocean Engineering

Civil and Environmental Engineering

**BUSINESS ADMINISTRATION**

Master of Business Administration/Master of Oceanography

(MBA-MO "The Blue MBA")

Supply Chain Management

**GLOBAL LOGISTICS**

Industrial and Systems Engineering

University of Haifa

# University of Haifa, Israel

The University of Haifa was founded in 1962 and has become one of Israel's leading research universities. It is located in Northern Israel and situated on the top of Mount Carmel and adjoining the Carmel National Park.

The University of Haifa is a microcosm of Israeli society. A pluralistic student body of 17,000 undergraduate and graduate students study together in an atmosphere of coexistence, tolerance and mutual respect. The University houses cutting-edge research facilities and interdisciplinary research centers in six faculties: Humanities, Social Sciences, Sciences and Science Education, Law, Social Welfare and Health Sciences, and Education.

The University considers the link-up between academic excellence and social responsibility as its flagship, and service to the community as one of its important goals. The students and faculty come together in joint intellectual pursuits, and have made the University of Haifa an international leader in many fields of research through exchange and research agreements with universities around the world.

## THE LEAON H. CHARNEY SCHOOL OF MARINE SCIENCES

Israel is highly sensitive to all matters connected to the sea. The vast majority of our population lives along a small strip running the length of the Mediterranean Sea. This makes us the ideal candidate to examine how mankind needs to co-exist with his coastal environment.

The School of Marine Sciences is primarily a world scale leading edge research facility offering: state-of-the-art high resolution marine geophysical surveying and sampling equipment; a modern computing facility using world-leading geophysical software packages; a sediment core analysis laboratory, including a novel radiometric dating facility essential for environmental research. The School liaises closely with major world marine geoscientific centers and research networks in the USA, Germany and France. Our studies in fields such as the immunology of marine life, the biology of marine organisms and the physiology of diving mammals are important steps towards revealing the Mediterranean's life secrets.

## THE GRADUATE SCHOOL OF BUSINESS

In 2007 the Graduate School of Business consolidated its new identity as the School of Management by offering seven differentiated MBA and MA programs. The School, offers the following executive-level MBA programs:

- A regular MBA, taught mostly in Hebrew for men and women in mid-career
- An International MBA, taught entirely in English, focusing on doing business in Asia
- An MBA dedicated to developing managers of Non-Profit Organizations (in Hebrew)
- An MBA dedicated to developing managers of Real Estate Businesses and Assessors (in Hebrew).

It also has an MA program and is developing a post-graduate doctoral program, incorporating an additional Department for Natural Resources Management, strengthening relations with industry and expanding its international contacts. There is also a budding program in the Management of Energy Resources. Several additional programs, including a program on Knowledge Management, are in final stages of development and approval.

# University of Hull, United Kingdom

In 1927, University College Hull was established as an offshoot of the University of London, with the Duke of York (later to become King George VI) laying the foundation stone. The College became an independent institution, the University of Hull, when it was granted a Royal Charter in 1954 – making it the 14th-oldest university in England. The University supports a comprehensive range of Departments, Research Institutes and Centres and is organised into six Faculties - Arts and Social Sciences, Science (including Engineering), Health, Medicine (Hull York Medical School), Institute for Learning and the Business School. These Faculties provide broad academics to strong undergraduate and postgraduate cohorts through full, part-time, and distance learning at all levels – from undergraduate to Master's and Doctoral degrees. The student population totals almost 20,000.

The proximity of the UH campuses to the UK's North Sea coastline and the Humber Estuary (the mouth of the UK's largest ports complex, handling 16% of all trade imports) is an ideal placement to provide a range of education, training, consulting and research work in port logistics and supply chain management; environmental and marine sciences; fisheries policy, planning and management; and estuarine coastal science and management. The Humber region has been identified in the UK Government's Northern Way Strategy as the 'global gateway'. As the only dedicated facility of its kind in northern England, the University's Logistics Institute is establishing Hull as a European centre of excellence in port logistics and supply chain management. Its state-of-the-art £20 million development incorporates technology development labs and showcase units with a business incubator, bringing together the University's strengths in business logistics and communications technologies, including e-commerce.

Innovation in environmental technology is pioneered in our Departments of Geography, Chemistry and Engineering with research into renewable energy and adaptation to environmental change. One such project is the Proteus NP500 Tidal Power Pontoon, which generates power by using intelligent shutters to direct tidal currents into a large water turbine.

The University's Centre for Environmental and Marine Sciences offers degree programmes in coastal marine biology, ecology and environmental technology. Hull International Fisheries Institute has significant experience in the fisheries, conservation and aquatic resource management fields. Institute of Estuarine and Coastal Studies is a multidisciplinary research and consultancy organisation which utilises the University's coastal science and management facilities. Maritime Historical Research Centre is a part of the Department of History and is the largest group concentrating on mercantile history in the UK.

The Department of Psychology recently led a controversial study into the effectiveness of antidepressant medication, and the Clinical Biosciences Institute developed the first communal bone densitometer for detection of osteoporosis. The Hull Immersive Visualization Environment has helped to revolutionise radiotherapy treatment by developing the Virtual Environment for Radiotherapy Training. The Hull York Medical School was established in 2000 and is already one of the most highly rated for its training in the UK. The Wilberforce Institute for the study of Slavery and Emancipation provides an invaluable platform to examine modern social justice and human rights issues as well as the history of slavery, while the University is historically best known for the Department of Chemistry's groundbreaking work with liquid crystal technology, which is now utilised in the displays of televisions, mobile phones, computer screens and similar devices throughout the world.

# University of Le Havre, France

Born in 1967 as the Institute of Technology, University of Le Havre was officially established as a French State University in 1984. It is a young and forward looking institution, located in the port city of Le Havre, the fifth largest port in Europe, located only 200 km north-west of Paris. With the University offering a well-designed campus and bright modern architecture, a total of 6500 students study in a dynamic and friendly environment including 1, 000 international students, 470 permanent teaching and research staff, 450 visiting lecturers from industry and services and 332 administrative and technical staff.

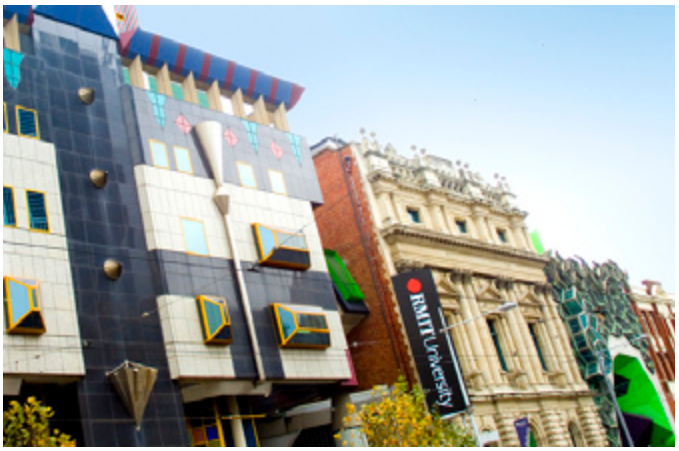
The University of Le Havre fosters a culture of collaboration and mutual support. The impetus for its foundation was to promote knowledge and culture as the best way of contributing to the economic and social development of the city and its region. Le Havre needed a highly skilled workforce to meet the challenges of globalisation; to fulfill the need for trained logistics engineers, the Institute of Logistics (ISEL) was created in 1994. The University of Le Havre offers degree programs at Bachelor, Master and PhD levels in three Faculties, Science and Technology, International Affairs and Arts and Social Sciences and in two Institutes, the Institute of Technology and the Institute of Logistics. The University focuses its efforts on developing professionally relevant courses, sustaining an interdisciplinary approach to education and research and supporting international exchanges. The University offers a wide range of courses that include work placements at home or abroad and the opportunity for all students to learn one of 12 languages.

A new curriculum will be implemented in 2008 that is designed to strengthen areas of expertise and to develop new learning opportunities from current research. This curriculum offers a balanced combination of conventional courses in areas such as Law, Management, Cultural studies, Planning, Fundamental and Applied Sciences as well as courses that are relevant to socio – economic priorities of development, for example, Transport and Logistics, International Law and Commerce, and Composite Materials. Ten research Institutes and Centers, two of them linked to the French National Council of Research, aim to achieve excellence in selective areas: Logistics and Transport, Cellular Biology, Organic Chemistry, Mechanic and Electric Systems, Renewable Energies, Computer Sciences, Applied Mathematics, Technologies of Information and Communication, Comparative Law, Culture-Territories-Societies. Structure and focus in these endeavors will be achieved through financial investments in a Logistics Campus, a Civil Engineering Research Centre, the Advanced Composites Campus for Normandy (C.CAN), a Technology Platform “Mechanics of Systems” (Composite Materials), a Technology Platform on Renewable Energies, and a Regional Institute for Research in Social Sciences.

# RMIT University, Australia

RMIT University opened its doors as the Working Men's College on June 7, 1887. Later it was known as Royal Melbourne Institute of Technology, which remains its legal name. RMIT has developed into one of Australia's largest universities, with offerings ranging from doctoral degrees to apprenticeship training. RMIT awards are regarded as among the best of their type in Australia in fields including:

- Design (Architecture, Fashion and Textiles, Graphic Design, Industrial Design)
- Media and Communications (Professional Communications, Journalism, Public Relations, Advertising)
- Engineering (Aerospace, Automotive, Electrical, Chemical, Civil and Infrastructure)
- Finance and Accounting
- Urban Design and Development (Architecture, Property and Building Services, Planning, Global Studies, Civil Engineering, Sustainability, Geospatial and Surveying)
- Art




RMIT University consistently ranks as one of the top 200 universities in the world in the UK's Times Higher Education. Over the years RMIT has evolved to become a truly global university, with its heart in the city of Melbourne, Australia. Since the opening of RMIT's campuses in Ho Chi Minh City and Hanoi, a unique Melbourne–Vietnam dual hub relationship has developed. In 2008, 50,000 students are enrolled at RMIT's campuses in Melbourne. Among these are more than 9,000 international students from over one hundred countries and regions including China, India, Malaysia, Europe and the US. A further 15,000 students are enrolled in programs offered in Asia, including RMIT's campuses in Vietnam. RMIT award programs are offered with partner institutions in China, Singapore, Hong Kong and Malaysia.

RMIT continues its long tradition of links with industry and focuses on five core areas: Aerospace and Aviation; Automotive; the Built Environment, Construction and Infrastructure; Health and Community Services; and Media and Communications. This industry engagement is an integral part of RMIT's mission, achieved through its strong focus on applied research, teaching, and learning practices. To complement its high quality industry orientation, RMIT has placed a particular focus on four research institutes with the aim of building on the University's established areas of expertise. The institutes are: RMIT Platform Technologies Research Institute; RMIT Global Cities Research Institute; RMIT Sustainable Health and Well-Being Research Institute; RMIT Design Research Institute. These institutes form the University-wide component in the hierarchy of research groups at RMIT. They include strong collaborations amongst researchers in Logistics from all key field, Business, Engineering, Nanotechnology, Information Technology, Mathematics and Geospatial Sciences.

# University of Washington, United States

Early in 1861 Arthur and Mary Denny, Charles and Mary Terry, and Edward Lander donated land on a forested 10-acre knoll overlooking Elliott Bay. The University was established there, on the site of what is now the Fairmont Olympic Hotel on University Street in downtown Seattle. Growing enrollment and the lack of available land in what was becoming downtown Seattle soon made a larger campus necessary, and in 1895 classes opened in Denny Hall, the first building on the present Seattle campus. In 1909 the University of Washington was the site of a world's fair called the Alaska-Yukon-Pacific Exposition. The exposition opened a new period for the University, as national attention was focused on it and the Pacific Northwest. Since World War II, the UW has earned an international reputation for its research and graduate programs. It is a leader in a variety of fields. Research is of great benefit to the broader community, and undergraduates benefit by learning from professors who are at the forefront of generating new knowledge.

The UW educates a diverse student body to become responsible global citizens and future leaders through a challenging learning environment informed by cutting-edge scholarship; discovering timely solutions to the world's most complex problems and enriching people's lives throughout our community, the state of Washington, the nation, and the world. The University of Washington has various departments that are engaged in interdisciplinary education and offers degrees and certifications that contribute to the fields of Global Logistics, Business Administration, Marine Affairs, and Advanced Technologies.

The Global Trade, Transportation, and Logistics Studies (GTTL) Certification Program at the University of Washington prepares students for careers in international trade and transportation systems. Through a multidisciplinary approach, the GTTL program provides the knowledge and skills that future business and government professionals need to effectively manage our world's complex and high-tech commercial network.

The School of Marine Affairs (SMA) offers an internationally recognized master's degree program for launching careers in marine policy and administration. SMA faculty and students make important contributions to knowledge. Research teams are breaking new ground in such fields as climate change impacts, waste management, salmon and habitat recovery, ecosystem management, risk analysis, and international collaboration.

The Foster School of Business is the second oldest institution of management education on the West Coast and consistently ranks among the top business schools in the United States. Within the College, The Center for Innovation and Entrepreneurship (CIE) is one of many centers the business school participates in. CIE's main principles of the interdisciplinary curriculum, real-world focus, and collaborative research contribute to the centers unique dynamic as a union of innovation and opportunity. The annual West Coast Research Symposium on Technology Entrepreneurship is sponsored by the CIE, in conjunction with Stanford University, the University of Southern California, the University of Oregon, and the Ewing Marion Kauffman Foundation. The two-day symposium and doctoral consortium attracts researchers in the field of technology entrepreneurship from across the United States and internationally.

# Xiamen University, People's Republic of China

Xiamen University was the first university in China to be founded, in 1921, by an overseas Chinese leader, Tan Kah Kee--the well-known patriotic known as "The Henry Ford of Asia." In 1937, Xiamen University was given its charter as a public university. In 1952, the University was designated as a comprehensive university for the social and natural sciences and in 1963 it was designated as a national key university. Since China's reform and opening-up, Xiamen University has become the only key comprehensive university in any of the five Special Economic Zones in China. In 2004, Xiamen University was granted status of "National Vice-Ministerial level University."

Over the past eighty-seven years, Xiamen University has steadfastly adhered to its motto of "Pursue Excellence, Strive for Perfection", and to its fine tradition of loving the motherland and loving the university. Equipped with a strong team of faculty and staff, Xiamen University, which offers a range of degrees in the disciplines of philosophy, economics, law, languages and literature, history, physics, engineering, medicine and management, has become a first-class comprehensive university in China with extensive international influence. The University lays great stress on the development of academic disciplines and values academic innovation. Within modern Chinese higher education, Xiamen was the first university in China to set up departments of Aviation, Mechanical and Electronic Engineering, Oceanography, and Journalism and Communication. Within these departments, Xiamen University launched new majors in oceanography, international trade, advertising, semiconductors and financial engineering. The University was also the first

to award PhD degrees in China in the fields of accounting, auditing, finance, oceanography and higher education.

Over the years of its existence, more than 170,000 individuals have graduated from Xiamen University, including over 150, 000 undergraduates and over 20,000 postgraduates. Over 60 academicians of the Chinese Academy of Sciences (CAS) and the Chinese Academy of Engineering (CAE) have either studied or worked at Xiamen University. University researchers have established steady growth in the number of academic papers published in internationally prestigious journals such as *Nature and Science*. Xiamen University is making great strides towards its goal of "becoming a high-level research-oriented university well-known both at home and abroad."

# Global U8 Consortium
# Mission Statement

Globalization of research and education activities requires that higher education itself becomes a global knowledge-based enterprise, seeking to build bridges across boundaries of diverse cultures and academic disciplines. Universities must ally with one another to create innovative research and educational advantages.

The Global U8 Consortium is an alliance of universities from around the world whose objective is a dynamic and distinctive collaboration, building innovative curricula and research programs. The GU8 Consortium focuses principally on four related academic disciplines: Marine Affairs, Global Logistics, Business Administration, and Advanced Technologies. All GU8 members strive to advance worldwide knowledge in these areas of common expertise. We pursue excellence, focus on sustainability and responsible leadership, and impart these values through our students, researchers and partners.

# GU8

## Global U8 Consortium

- University of Washington - USA
- University of Rhode Island - USA
- University of Hull - U.K.
- University of Le Havre - France
- University of Haifa - Israel
- Inha University - Korea
- Xiaman University - China
- RMIT University - Australia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