



# UH-Global Energy Management Institute

UNIVERSITY of  
**HOUSTON**

C. T. BAUER COLLEGE of BUSINESS

**THE WORLD'S GLOBAL ENERGY BUSINESS HUB IS HOUSTON.** And at the C. T. Bauer College of Business, we've connected with oil and gas and the power industry leaders so that students of the Global Energy Management Institute can tap into that deep wealth of knowledge and emerge as the strongest candidates for leadership positions in the energy industry.



A program of Bauer's top-rated Finance Department, GEMI provides the educational framework to hit the ground running in energy-related fields. GEMI graduates arrive on the job fully prepped and ready to contribute.

Courses are designed around targeted, up-to-date business needs, and are often taught by senior energy executives. Conferences, roundtables with industry leaders and hot topic forums ensure that GEMI students and business leaders are current when it comes to critical issues. These events frequently draw international media attention and put the Finance Department at the forefront of public initiatives related to the energy industry.

GEMI's programs have never been more in demand, and as the industry braces for a tidal wave of retiring energy employees, flexible GEMI programs accommodate part- and full-time students from a variety of disciplines at both the undergraduate, master's and executive levels. Non-degreed certificate programs target rising stars at Houston-area companies.



Three options give undergraduate students the opportunity to become well-grounded in the Energy field: The GEM Professional Program, the GEM Track in Finance, or the GEM Minor.

**THE GEM PROFESSIONAL PROGRAM** offers a comprehensive and powerful blend of technical and business skills to students. Students obtain a BBA in Finance with a GEM specialization. They also have the option to obtain an MS in Finance with a certification in Energy Risk Management or Energy Investment Analysis or Energy Accounting and Finance or the Economics of Energy Value Chain. A rigorous program built around a higher level math and science core, the Professional Program often appeals to students who are also members of the Bauer Business Honors Program and the UH Honors College.

**THE GEM TRACK IN FINANCE** gives students a leading edge in the energy job market by augmenting their undergraduate education with a specialization in the energy field. Students earn a BBA in Finance, but supplement classes such as Security Analysis and Investments, Corporate Finance, Financial Markets and Institutions, or International Finance with a series of pre-selected energy business electives during their junior and senior years. These electives lead to career-centered concentrations in Energy Risk Management, Energy Accounting and Finance, Economics of the Energy Value Chain or Energy Investment Analysis.

**THE GEM MINOR** option is open to all UH students who want to add a layer of energy expertise to their chosen field of study. The GEM minor exposes students outside the Finance discipline to the fundamentals of the energy business and Energy Finance. But most importantly, the 16-credit hour GEM Minor provides students with the knowledge base for a fast track into senior management, regardless of their discipline.



**ENERGY CERTIFICATES** — In our MBA and MS Finance programs, classes that lead to four separate Energy Certificates are available. Energy Risk Management, Energy Investment Analysis, Energy Accounting & Finance and Economics of Energy Value Chain certificates are designed for students considering various types of energy careers. Each certificate is an immersive, in-depth learning track which equips students with the enviable ability to excel quickly when it comes to taking on new challenges in the professional world. Specific skills advanced through these programs include: expertise in financial control and management of energy firms; preparation for a career in energy risk management or energy trading; development of a broad economic perspective on the energy business; and development of superior insight into the economics of energy industry capital projects.

**GEMBA** — The Global Energy Management Institute offers yet another path to success for savvy senior energy executives. GEMBA, the first MBA program with an energy specialty to be offered in the U.S., is an integral tool for employee development and retention at energy companies based in Houston. The 22-month program is held two evenings a week to accommodate busy schedules. Its breadth and depth gives graduates the technical and managerial expertise to navigate the most complex energy business issues. Numerous networking opportunities expand contacts and enhance professional growth.

**GEM EVENTS** — Seminars, workshops, roundtables and conferences bring students and professionals together to trade information, enthusiasm and insight on energy-related topics, creating a dynamic environment. In a relatively short time, events such as the Energy Trading & Marketing Conference are drawing top speakers, growing attendance and international media attention. Other events conducted each year include *The Pipeline & Gas Journal's* Pipeline Opportunities Conference, The Open Outcry Trading Competition, the John S. Herold Energy Analysis Competition, the Electric Power Conference, and The Refining Conference. Student competitions, receptions with government officials, workshops and symposiums also add to the layers of learning available to GEM students.

**GEM'S FACULTY** — GEM's world-class faculty include former senior energy executives who have gone on to establish scholarly credentials. Armed with a powerful blend of real-world experience and the latest research-backed knowledge, they arrive prepared to counsel and motivate students as they move beyond the classroom and into the challenges of an exciting, ever-changing industry.



*"Living in the Energy Capital of the world, I could not ask for a better educational establishment than the Global Energy Management Institute. The resources provided by the GEM program culminate in the student being transformed into a trained and well-qualified professional. I feel great pride to be a part of the talented and elite graduates produced by GEMI."*

—Patrick Ganze Hayden, Finance/GEM



*"I came to the C.T. Bauer College of Business specifically for the GEM Program. I have always had an interest in the energy sector, and what better place to study about the energy sector than Houston, the energy capital of the world? The GEM program is a challenging program that gives you the quantitative skills needed to advance in the energy/finance environment."*

—Atiba K. Henry, Finance/GEM



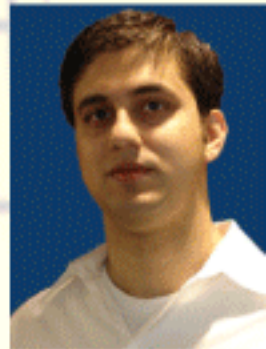
*"GEMI has completely surpassed my expectations. The longer that I am involved, the more it impresses me. GEMI gathers together a group of elite students and also provides the most technical business degree plan at Bauer College of Business. It has given me the best foundation and preparation in the energy industry available."*

—J.P. Li, Finance/GEM



*"Global Energy Management is a unique, energy-based finance program that not every college offers. I am proud to be a part of a program that helps me explore several opportunities within the energy industry. I am fortunate to be sitting in the heart of the energy capital of the world and learning about the different aspects of the energy value chain. If you want to work in the energy industry, GEM is the place to be."*

—Shubham Sachdeva, Finance/GEM



*"Global Energy Management Institute is a very successful institute and one of the few in the nation dedicated entirely to the Energy Industry. As demand for energy continues to grow, more and more rewarding careers will follow. Having a GEM degree will surely help students stand out from their peers in future employment seeking. I strongly believe GEM programs add even more value to an already valuable Bauer degree."*

—Alfonso Colombano,  
Accounting major/GEM minor  
President, The Energy Association



*"It's important for Spectra Energy to know and feel confident that one of our major recruitment schools, the University of Houston's Bauer College of Business, prepares candidates qualified not just in the core business studies but also industry-focused curriculum such as the GEM Track in Finance."*

**C. Gregory Harper**

*President and CEO, Spectra Energy Partners, LP*

*"The University of Houston's Bauer College of Business has put together a world-class program to educate the energy industry leaders of tomorrow. With the unique benefit of being taught by today's industry leaders, the students of the GEM Track program are given the solid foundation they need to carry the energy industry through the 21st Century."*

**Mike Prokop**

*Senior Vice President, Amerex*

*"All of us have unique personal characteristics, gifts, and skills. Find yours. Find an avenue to use them, and go for it with all your energy."*

**Gerald McElvy**

*President, ExxonMobil Foundation*

*"The program gives students an opportunity to examine both the scientific and the business facets of the energy industry in a way that is not done in any other business school that I am aware of. This unique combination puts GEM graduates way above the curve in the job market."*

**Latha Ramchand, Ph.D., CFA**

*Associate Dean, Graduate and Professional Programs  
Bauer College of Business, University of Houston*

*"Designed to meet the energy industry's distinctive need for individuals with a strong grounding in both technical and business skills, the GEM Track is an innovative program that integrates the math, science and business courses that will allow young professionals to prosper in tomorrow's energy marketplace."*

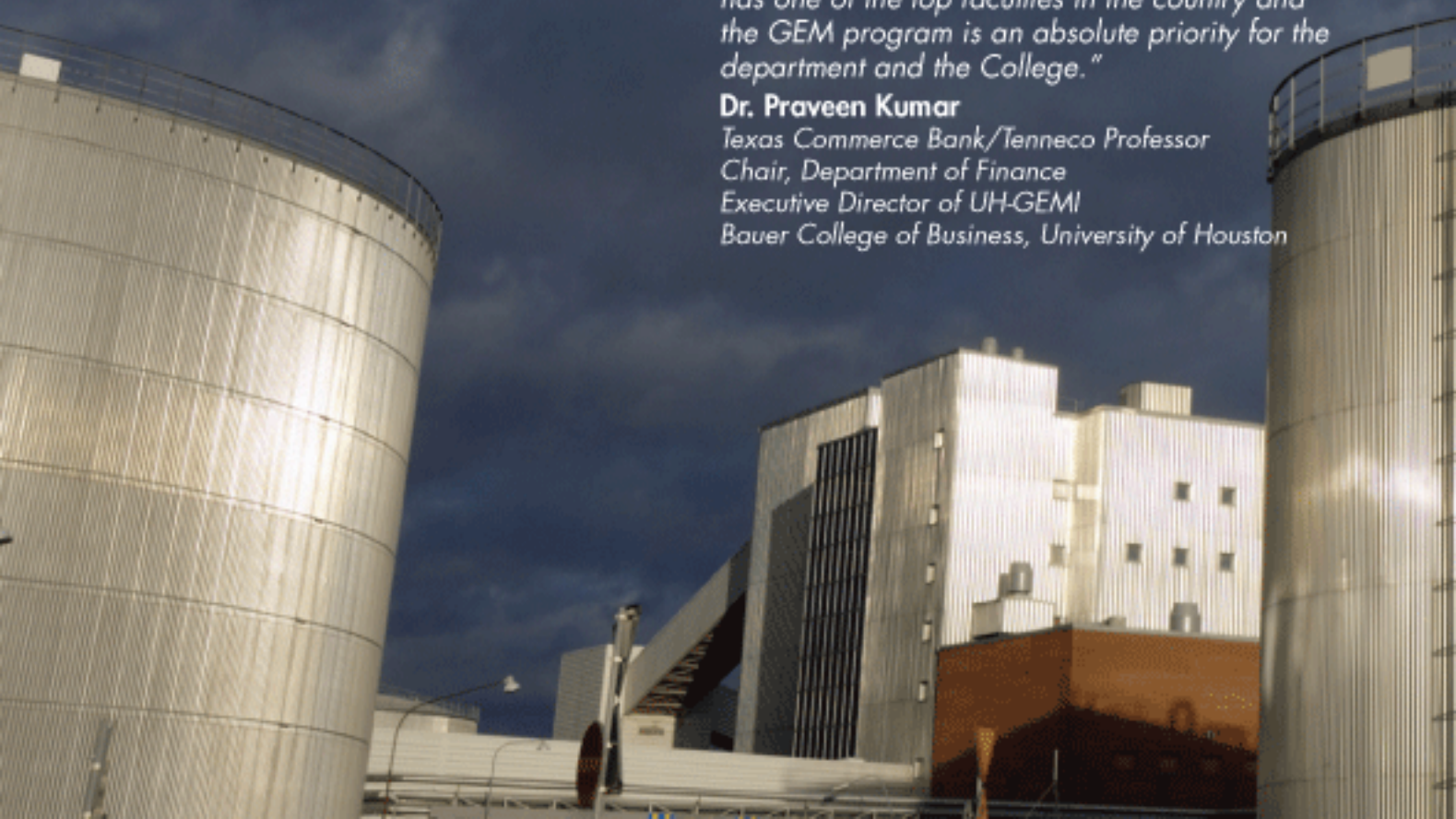
**Dr. Craig Pirrong**

*Professor of Finance and Director of Energy Markets  
for UH-GEMI  
Bauer College of Business, University of Houston*

*"The Global Energy Management Track has been very carefully designed by the Finance Department and Bauer College faculty, based on an intensive study of what it would take to educate effective business leaders for the energy industry tomorrow. The Finance Department now has one of the top faculties in the country and the GEM program is an absolute priority for the department and the College."*

**Dr. Praveen Kumar**

*Texas Commerce Bank/Tenneco Professor  
Chair, Department of Finance  
Executive Director of UH-GEMI  
Bauer College of Business, University of Houston*



**Ninety percent of business schools don't focus on the largest industry in the world.**

**We do.**

**"The University of Houston, in the heart of the nation's oil capital, is training the next generation of energy executives."**

**BusinessWeek**



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