

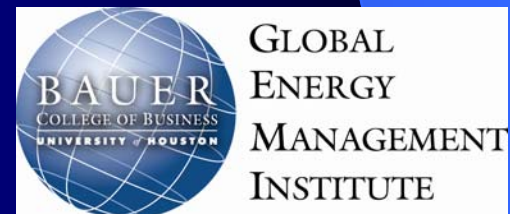
UH-Global Energy Management Institute



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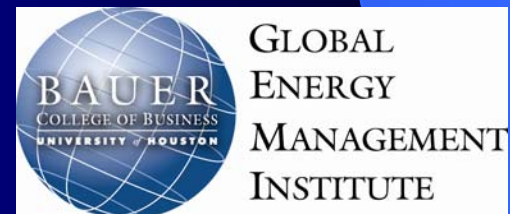
UH-GEMI: Founding Vision

- **A premier human-capital supplier for the energy industry.**
- **A principal venue to join and develop issues of critical interest to the energy industry.**
- **A research partner for the industry.**



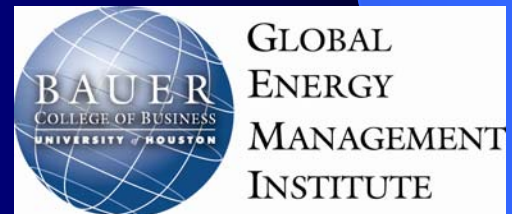
Educational Programs

- **Undergraduate Global Energy Management (GEM) Program**
- **Graduate Energy Certificates**
- **China GEMBA program**



GEM Program

- GEM-Professional Program (Option to do a 5 year BBA/MS in Finance)
- GEM-Track
- Global Energy Management Minor



Program Highlights

- Truly multi-disciplinary;
- Students take honors-level courses in mathematics, science, engineering, and economics;
- Also satisfy the requirements for a BBA degree in Finance;



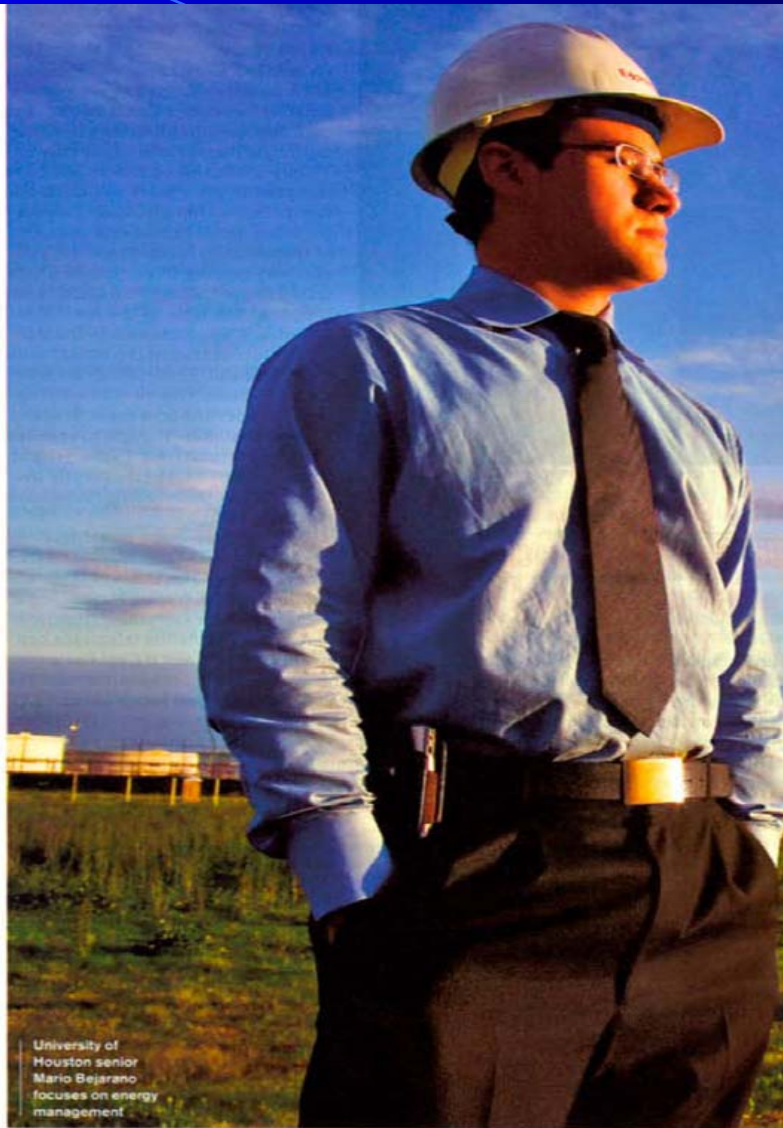
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GEM Program

- Currently over 65 Students Enrolled in These Programs
- **Featured in the “Best Undergraduate Business Schools” issue of BusinessWeek (March 10, 2008)**
- **Winner of George and Barbara Bush Excellence in Education Award 2004**



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University of
Houston senior
Mario Bejarano
focuses on energy
management

Graduate Energy Certificates

- **Energy Risk Management**
- **Energy Investment Analysis**
- **Energy Accounting & Finance**
- **Energy Value Chain**



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Notable Courses Taught by Senior Energy Executives

- **Upstream Economics**
- **Petrochemicals and Refining**
- **Strategy of Energy Project Finance**
- **Tactics of Energy Project Finance**



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China GEMBA Program

- EMBA program in Beijing and Houston for Senior SINOPEC and CNPC Executives on leadership track
- Instruction by UH Faculty in Beijing; Students Come to Houston for a few courses & graduation



China GEMBA Program

● Energy Courses:

- Law of Petroleum Transactions
- International Energy Finance
- Valuation & Acquisitions in the Oil & Gas Industry
- Financial Engineering and Derivatives
- Oil & Gas Accounting
- Scientific Methods in O&G Decision-making
- Next Generation Energy Technology



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Conferences & Workshops

- Energy Trading & Marketing
- Power
- Petrochemicals & Refining
- Bio-fuels and Conventional Refining

Examples of Research Projects

- Research Grant from NREL to Examine the Economic and Commercial Aspects of Pyroil
- Faculty Research on Energy Derivatives, Trading, and Real Options

Thrust Area...

- Development, Adoption, Trading and Policy Aspects of Non-Conventional Energy Sources
- First Course on Carbon Trading, joint with UH Law Center, planned for Spring 2009