1297 Centennial Avenue, Suite 5-177, Piscataway NJ 08854 Email: emigas777@gmail.com Phone: (732)-463-9476

Summary: Mentor, advisor, and university guest lecturer on natural gas and renewable energy, strategy, marketing, and business development. Expertise in strategic energy issues, with extensive experience in clean energy technology and business for natural gas and renewable resources with clients in academia, government, and industry globally. Project experience in Natural Gas, LNG, and LPG. Guest lecturer and advisor on carbon-light natural gas and LNG and sustainable development with carbon-free renewable resources for cleantech energy projects. Former clients include international and government-owned companies, US and foreign energy firms, US and foreign governments, international agencies, law and financial institutions, medical centers, and universities. Expertise includes strategic planning, innovative thinking, commercial judgment, and outstanding presentation and communication skills. Advisor on commercial negotiations, project and joint-venture evaluations, market and customer research, project competition and cost analysis, new process and product design, customer-centric marketing, new business development, and vision and strategy. Advised clients on managing change in technology, competition, new products and services, energy diverse supply and efficient use, and sustainability, while pursuing the UN Sustainable Development Goals (SDGs).

# 2014-Present: ENERGY MENTORS INTERNATIONAL LLC - Senior Advisor Emeritus

Forty years of experience in the global energy industry advising executives, policy-makers, companies, and governments on transitioning from carbon-heavy fuels to carbon-light energy and carbon-free renewable resources. Past experience in strategic and commercial consulting, research and development, oil, gas, and chemicals operations, analysis and planning, project and product evaluation, forecasting, integrated simulation and negotiation models, new business development, and consumer and industry marketing. Advised clients on energy supply, demand, trade, prices, and projects for efficiency, sustainability, climate change mitigation, and improved regulations. Guest speaker and panelist at various business, energy, healthcare, and university seminars on fuels and impacts on water, food, health, jobs, education, greenhouse gas (GHG) emissions, and environment.

- Energy Advisor for various universities with negotiations, in-class courses, online collaborative e-Learning, incubator labs, and think-tank institutions with integrated dynamic simulation models for formulating and adapting sustainable development policy plans for various UN member countries to meet their 2030 and 2050 SDG targets.
- Advisor for improving energy efficiency, sustainability of renewables, fuel supply diversity, energy demand management, pricing, power generation, transport, industrial, and residential uses of cleaner energy.
- Mentor and Advisor to students, professionals, executives, and government officials on projects, trades, and policies of fossil fuels and transition to a rational economic and sustainable mix of fossil, nuclear, and renewable energy resources (solar, wind, hydro, geothermal, waste-biomass).

2011-Present: NATURAL GAS and RENEWABLES - Business Mentor and Guest Lecturer at Universities
New York University: Stern School of Business, Tandon School of Engineering, School of Law, Liberal Studies Program
Columbia University: Knowledge, Technology, and Social Systems Seminars, Water and Pollution, The Middle East
Massachusetts Institute of Technology: MIT School of Chemical Engineering, MIT Sloan School of Management

Student mentor and guest lecturer at courses on transition to clean energy business and change management. Assist NYU professors and students on energy fuels and change management case studies. Focus on impacts by Telecomms, Computers, Analytics, Technology, and Renewables. Mentor 60 students at NYU and MIT on energy projects and start-up companies at incubator labs. Focus on internships, projects, and careers. Guest Speaker on business and technology of fossil fuels and renewables, climate change and environment, public health, and government policies for transition to clean energy. Examples:

- World Crude Oil and Natural Gas Supplies, Trades, Prices, Demand, Shipping, and Competition
- Shale Oil and Gas Fracking: Supplies, Prices, Environment, Climate Change, and Public Health
- Managing Change at Big Oil and Gas firms for Prices, Fracking, Carbon Emissions, and Renewables
- Energy Efficiency, Buildings and Cars in Sustainable Cities, Electrification and IoT
- Smart Electric Grid, Smart Energy-net, Carbon Cost, Cap-and-Trade Carbon Emissions
- Online Education and Training e-courses
- Managing Change for Sensors and Networks Tech, IoT, AI, Robotics, Big Data, and Social Media
- Fossil Fuels vs Clean Energy for Power Generation, Buildings, Industries, and Transport
- Cost of Solar-PV, Wind, and Fossil Fuels for Power Gen and Impacts of GHG Emissions and Pollution
- Electric Vehicles, Chargers, and Driverless Cars with AI and Battery Power Storage
- Distributed Generation, Battery Electricity Storage, and Heat/Cold Energy Storage
- Levelized Cost of Energy (\$/MWh) for Fossil Fuels. Nuclear, and Renewables
- Investment Tax Credits for Solar and Wind Power Gen industrial, commercial, and residential projects

1998-2006: POTEN & PARTNERS, INC., New York - General Manager, LNG and Gas Consulting, Partner Retired December 2006

**Poten & Partners** is a privately-held company with headquarters in NY City and offices worldwide. It provides consulting, project development, and brokerage for cargo and ship transportation of various energy products.

V030617 Page 1 of 8

#### **Responsibilities and Achievements**

Reported directly to the CEO and Commercial Director. Founded, expanded, and managed all LNG, Natural Gas, and LPG energy consulting and new business development worldwide. Developed and implemented strategies and evaluated projects for importers, exporters, power generators, chemical and industrial firms to transition from carbon-heavy fuels to cleaner fuels e.g. Natural Gas, LNG, and LPG, with lower carbon emissions. Developed and expanded advisory services and retainers for private sector energy firms and national companies. Provided due diligence to international lenders working on project finance of proposed energy projects and capital investments. Headed LNG and LPG publications, electronic e-data services, executive training seminars, and special studies on advantages and lower costs of natural gas.

# **Selected Examples of Work**

- Marketed, negotiated, and secured consulting mandates from energy companies to support their preparation of pricing bids for LNG long-term supplies to their proposed LNG import terminals, city-gas, and power generation plants.
- Conducted commercial and strategic studies on competing natural gas and LNG suppliers for projects in countries in the Middle East, North America, South America, Africa, Europe, Russia, and Asia Pacific. Evaluated LNG supply and cost of service along the value chain. Assessed economics of natural gas vs renewable energy for power generation, pricing mechanisms, commercial contract due diligence, and competitor project profiles.
- Directed due diligence services on behalf of banks and law firms for the financing of several clean energy gas-fired power plants, LNG/LPG import terminals, ships, and export facilities. Assisted principals in the drafting of Sales and Purchase and Terminal Throughput Agreements. Supported negotiations of supply, shipping, and storage contracts.
- Presented to top management of client companies evaluations of proposed LNG export and import projects.
- Directed several project evaluations and economic feasibility studies on the demand, supply, pricing, and transportation of natural gas, LNG, LPG, and gas-liquids fuels in international markets.
- Planned and implemented the successful development, launch, and marketing of the strategic e-study and database "LNG Cost and Competition" on evaluation of capital investments and cost of service for LNG export and import competing projects worldwide. Report was issued jointly with Merlin Associates (Houston) in 2000 and 2004 and became the basis for close working collaboration and later acquisition of Merlin Associates by Poten & Partners.
- Planned, structured, acquired resources, created, and managed the LNG/Gas Consulting business in NY. Developed and implemented business plan for consulting based on multiclient e-publications and retainer advisory services.

# 1997-1998: POTEN & PARTNERS, INC., New York - Manager, LPG Consulting Responsibilities and Achievements

Reported directly to the President/CEO. Integrated the LPG Consulting services in NY City with the LPG Commercial services located in London (UK). LPG business units for Consulting and Brokerage are currently operating in London.

# 1994-1997: POTEN & PARTNERS, INC., New York - Manager, Gas Projects Development Responsibilities and Achievements:

Reported directly to the President/CEO and Head of Projects. Responsible for developing new ventures in the natural gas and gas-liquids sector. Developed and negotiated the formation of a consortium of companies for an offshore oil and gas exploration project in South America, a joint-venture of US/Asian companies for onshore and offshore LNG storage terminals, and a US/Russian joint-venture for production of natural gas and derivative products in Russia.

**1981-1994: POTEN & PARTNERS, INC., New York - Senior LPG Consultant; Manager LPG Consulting** Reported to General Manager of Research and Consulting and then headed the LPG Consulting Department.

# 1975-1981: EXXON CHEMICALS, Linden, New Jersey; ESSO CHEMIE SAF, Rouen, France Paramins Oil Additives - Research Analyst; Elastomers and Feedstocks - Senior Manufacturing Analyst

Reported directly to Research and Technology management (Linden, NJ) and Product Business executives (Darien, CT) for cost and financial analysis of Exxon Chemicals global business lines. Laboratory tests and pilot plant studies for new products, cost analysis, and capital investment evaluations for new processes, projects, and manufacturing facilities.

#### Languages

Fluent in English and Greek. Grew up in Athens, Greece through high school. Working knowledge of French.

#### **Educational Qualifications**

MBA International Business (London Business School, Paris Hautes Etudes Commerciales, New York NYU Stern) 1975-77

MSc Chemical Engineering (MIT, Practice School Program, American Cyanamid, Atomic Energy Commission) 1973-75

BSc Chemical Engineering (NY Polytechnic Institute, NYU Poly, now NYU Tandon School of Engineering) 1969-73

V030617 Page 2 of 8

# GABRIEL F. AVGERINOS (Energy Mentors International LLC) Selected Events and Publications from Business, Academic, Engineering, and Science sources

# New York University, Stern School of Business, course Managing Change, 2015-2017.

Guest Speaker for NYU class with Professor Anat Lechner. On several occasions held class discussions with students on companies managing change in the energy and cleantech business, transition from fossil fuels to renewables, manufacturing, and consumer goods and services and their impact from new technology. Mentor to students on their projects and presentations on companies' vision, strategy, change plan, and effective use of Internet of Things, Big Data Analytics, Artificial Intelligence, Robotics, and Cleantech across various sectors: energy, chemicals, manufacturing, computers and telecommunications, pharmaceuticals, food, education, and healthcare.

http://www.stern.nyu.edu/programs-admissions/full-time-mba/academics/specializations/leadership-and-change-management and http://www.stern.nyu.edu/faculty/bio/anat-lechner

Columbia University, Seminar on Knowledge, Technology, and Social Systems (KTSS), December 14, 2016 Technologies, scientific transformations, and new areas of knowledge are continuously, and rapidly, being introduced. These developments are transforming social systems around the world. Computers were a defining element of the last part of the 20th century. Biology is poised to become the major domain transforming the first part of the 21st century. The topic of this seminar was "Biological Art: The Intersection of Science, Religion, and Modern Oblivion" by Diana Moore who is a biopharmaceutical professional, curator of an environmental mission-based fine art gallery, and a bioartist. Her work combines scientific processes and its accoutrements with the religious imagery and materials of medieval devotional objects.

http://universityseminars.columbia.edu/seminars/knowledge-technology-and-social-systems/

## Columbia University, Seminar on The Middle East, December 7, 2016.

The seminar provides a forum for the exchange of ideas and experiences by Middle East experts in various spheres. Presentation by Bernard Haykel who is a historian of the Arabian Peninsula and a scholar of Islamic law and Islamic political movements. He is professor of Near Eastern Studies at Princeton University where he is also director of the Institute for the Transregional Study of the Contemporary Middle East, North Africa and Central Asia. This seminar topic was "Saudi Arabia at the End of the Obama Era". Attended and participated in the Q&A for oil and gas. http://universityseminars.columbia.edu/seminars/the-middle-east/

# Symposium at United Nations, "Autism in Africa", December 6, 2016

A symposium on "Autism in Africa: Life Saving Awareness Implementing the United Nations 2030 Agenda for Sustainable Development" was held at UN Headquarters in NYC. Presentations and Panel discussions by Ambassadors of Zambia, Uganda, Malawi, Angola, Kenya, Japan, Israel, Poland, Minister of Nigeria, and other government officials, medical professionals, academics, and autism caregivers and family support groups.

 $\underline{\text{http://southsouth-news/ssn-features/448-un-coverage/un-main-bodies/123398-addressing-autism-in-africa}\\$ 

# Columbia University, Seminar on The Middle East, November 16, 2016.

The seminar provides a forum for the exchange of ideas and experiences by Middle East experts in various spheres — business, banking and investment, federal service, the foundations, the media, the liberal professions, and academia. Presentation by Mr. Daniel Levy who is the President of the US/Middle East Project, an independent policy institute whose mission is to provide analysis of Middle East regional developments. Seminar topic was "New US administration. Old Middle East. What next?" Participated in the energy-related Q&A session. http://universityseminars.columbia.edu/seminars/the-middle-east/

NYU School of Law, Frank Guarini Center on Environmental, Energy, and Land Use Law, November 14, 2016. "State Electricity Regulation in the Shadow of Hughes and EPSA". Attended panel discussion on US electricity. <a href="http://guarinicenter.org/state-electricity-regulation-hughes-epsa/">http://guarinicenter.org/state-electricity-regulation-hughes-epsa/</a>

NYU Stern School of Business, Center for Real Estate Finance Research (CREFR), November 10, 2016.

Alumni and Student Networking Reception at Warburg Realty, NYC. Attended and mentored students in Real Estate for energy efficient and smart buildings development in major cities in USA and globally.

 $\underline{http://www.stern.nyu.edu/experience-stern/about/departments-centers-initiatives/centers-of-research/center-real-estate-finance-research}$ 

#### NYU Stern School of Business, Stern Healthcare Association (SHA), October 28, 2016.

"The Changing Face of Healthcare" on the subjects of Vaccines and Global Public Health, Emerging Technologies Big Data and Analytics, Bioethics in Global Public Health, Intelligence and Sustainable Security in Healthcare Organizations. This event centered specifically on the ways in which technology and innovation are changing the business of healthcare. Explored ways the industry, stimulated by new technologies and unique partnerships, is evolving to create more

V030617 Page 3 of 8

transparency, efficiency, and effectiveness in the healthcare system. Discussions revolved around topics like big data, precision medicine, and drug development, and how healthcare experts perceive and foresee these changes. Attended and participated in Q&A discussions on energy impacts on healthcare. http://www.nyusternmbaconferences.com/healthcare

# Columbia University, Seminar on Pollution and Water Resources, October 27, 2016.

The purpose of this seminar is to explore the effects of pollution and environmental regulation on water and related environmental resources. Technical presentation on "Untreated Wastewater Discharges to NYC Waterways Enhance Greenhouse Gas Emissions from the Hudson River Estuary", by Brian Brigham, CUNY Dept of Earth and Environmental Sciences, City University of New York. Chair and Affiliation: Dr. Richard W. Lo Pinto, Professor of Biology, Fairleigh Dickinson University. Attended presentation and participated in Q&A discussion.

 $\underline{http://universityseminars.columbia.edu/seminars/pollution-and-water-resources-scientific-and-institutional-aspects/pollution-and-water-resources-scientific-and-institutional-aspects/pollution-and-water-resources-scientific-and-institutional-aspects/pollution-and-water-resources-scientific-and-institutional-aspects/pollution-and-water-resources-scientific-and-institutional-aspects/pollution-and-water-resources-scientific-and-institutional-aspects/pollution-and-water-resources-scientific-and-institutional-aspects/pollution-and-water-resources-scientific-and-institutional-aspects/pollution-and-water-resources-scientific-and-institutional-aspects/pollution-and-water-resources-scientific-and-institutional-aspects/pollution-and-water-resources-scientific-and-institutional-aspects/pollution-and-water-resources-scientific-and-institutional-aspects/pollution-and-water-resources-scientific-and-institutional-aspects/pollution-and-water-resources-scientific-and-institutional-aspects/pollution-and-water-resources-scientific-and-institutional-aspects/pollution-and-water-resources-scientific-and-institutional-aspects/pollution-and-water-resources-scientific-and-institution-and-water-resources-scientific-and-institution-and-water-resources-scientific-and-institution-and-water-resources-scientific-and-institution-and-$ 

# Icahn-Mt. Sinai School of Medicine, SINAInnovations, October 25-26, 2016.

Conference about "Therapeutic Discovery" on the subjects of Drug Development in Academia; Target Identification and Validation; Industry-Academic Medical Center Partnerships; Funding Drug Discovery; Health Disparities and Drug Discovery for the Developing World; Clinical Trial Advances and Novel First-in-man Approaches, and Therapeutic Frontiers in Oncology. Attended and participated in discussions at several panel sessions on therapeutic discovery. <a href="http://icahn.mssm.edu/about/sinainnovations">http://icahn.mssm.edu/about/sinainnovations</a>

## Columbia University, Seminar on Knowledge, Technology, and Social Systems (KTSS), October 19, 2016.

Technologies, scientific transformations, and new areas of knowledge are continuously, and rapidly, being introduced. These developments are transforming social systems around the world. The topic of this seminar was "The 2030 Agenda for Sustainable Development: A KTSS Perspective". Presentation and Q&A discussion by Dr. Francois Fortier, Interregional Advisor in Sustainable Development Policy at the United Nations Department of Economic and Social Affairs (UNDESA). Presiding Chairs and Affiliations, Columbia University Professors: Jerry Spivack, Sidney Greenfield, and Takeshi Utsumi. Attended and participated in the Q&A discussion on clean energy and SDGs. http://universityseminars.columbia.edu/seminars/knowledge-technology-and-social-systems/

**NYU Stern School of Business, Center for Real Estate Finance Research (CREFR)**, October 19, 2016 5<sup>th</sup> CREFR Annual Fall Symposium, "How Will the US Elections Shape the Real Estate Industry?" Attended panel sessions and participated in Q&A discussions.

 $\frac{http://www.stern.nyu.edu/experience-stern/news-events/stern-s-center-real-estate-finance-research-hosts-fifth-annual-fall-symposium}{}$ 

The New School, India China Institute (ICI), September 30, 2016. Attended presentations by Student Interns on their summer projects in China and India. http://www.indiachinainstitute.org/

NYU Graduate and Professional Schools Fair, September 26, 2016. Attended and mentored students.

# NYU School of Law, Frank Guarini Center on Environmental, Energy, and Land Use Law, September 22, 2016.

"Voice of Climate Change in the Middle East: UAE Perspectives on Climate Action", a conversation with Dr. Thani Ahmed Al Zeyoudi, UAE Minister of Climate Change and Environment. Attended interview and participated in discussion on energy and SDG goals for the UAE and the Middle East. http://guarinicenter.org/sept-22-2016-voice-of-climate-change-in-the-middle-east/

# Confederation of Danish Industry (DI). Denmark Cleantech Hub, September 20, 2016.

"Urban Innovation for Livable Cities", Conference NYC. Attended speeches on Sustainable Development and workshop on "Promoting Innovative Energy Partnerships".

http://di.dk/Marked/faaoverblik/Nordamerika/Pages/UrbanInnovationforLivableCitiesConference2.aspx

## United Nations, September 19-23, 2016.

Anniversary of "Sustainable Development Goals" (SDGs), United Nations Headquarters in NY City. Attended several events and participated in panel discussions for clean energy and water and impact on public health. <a href="http://www.un.org/sustainabledevelopment/blog/2016/09/media-advisory-first-anniversary-of-sdgs-to-be-marked-at-general-assembly/">http://www.un.org/sustainabledevelopment/blog/2016/09/media-advisory-first-anniversary-of-sdgs-to-be-marked-at-general-assembly/</a>

# The New School, Schwartz Center for Economic Policy Analysis (SCEPA). September 19. 2016.

"The Economics of Climate Change". Attended presentation by Professor Pavel Kabat and Q&A discussion.

Columbia University, Seminar on Pollution and Water Resources, September 15, 2016. V030617

The purpose of this seminar is to explore the effects pollution and environmental regulation on water and related environmental resources. Presentation on "Hazards and Benefits of Fracking for Natural Gas", by Dr. Alexander Gates, Professor of Earth and Environmental Sciences, Rutgers University. Chair and Affiliation: Dr. Richard W. Lo Pinto, Professor of Biology, Fairleigh Dickinson University. Attended presentation and participated in Q&A discussion on hydraulic fracturing (fracking) technology, business, and regulations. http://universityseminars.columbia.edu/seminars/pollution-and-water-resources-scientific-and-institutional-aspects/

New York University, Stern School of Business, Berkley Entrepreneurship and Innovation, September 14, 2016. "300K Entrepreneurs Challenge". Attended student competition of start-up companies and mentored student team. <a href="http://www.stern.nyu.edu/experience-stern/about/departments-centers-initiatives/centers-of-research/w-r-berkley-innovation-lab/for-nyu-entrepreneurs/competitions/300k-entrepreneurs-challenge">http://www.stern.nyu.edu/experience-stern/about/departments-centers-initiatives/centers-of-research/w-r-berkley-innovation-lab/for-nyu-entrepreneurs/competitions/300k-entrepreneurs-challenge</a>

## Danish Cleantech Hub, Energy Exchange, June 16, 2016.

Workshops on "Energy Performance, Energy Retrofitting, and Sustainable Building Materials". Attended and participated in panel discussions <a href="http://di.dk/English/dch/Pages/About.aspx">http://di.dk/English/dch/Pages/About.aspx</a>

NYU School of Law, Frank Guarini Center on Environmental, Energy, and Land Use Law, June 13, 2016. "Managing the Renewable Grid: A Transatlantic Dialogue". Attended and participated in discussions. http://guarinicenter.org/renewable-grid/

**Inaugural Agora, Royal Academy of Science International Trust (RASIT) and EkoRE**, UN NYC, June 6, 2016. Goals of Sustainable Energy for All (SE4All), "Universal Energy Access, Energy Efficiency, Use of Renewables". Guest at inaugural conference and participated in discussions on renewable energy projects and investments. <a href="http://www.se4all.org/">http://www.iisd.ca/energy/agora/2016/</a>

NYU School of Law, Frank Guarini Center on Environmental, Energy, and Land Use Law, April 4, 2016. "Natural Gas Fired Generation in the US: Looking at the Road Ahead". Attended and participated in discussions. http://guarinicenter.org/april-4-the-outlook-for-natural-gas-fired-generation-in-the-u-s/

Columbia University, Seminar on Knowledge, Technology, and Social Systems (KTSS), February 10, 2016. Technologies, scientific transformations, and new areas of knowledge are continuously, and rapidly, being introduced. These developments are transforming social systems around the world. The topic of this seminar was "Renewable Clean Energies,"

Fossil Fuels and Pollution, Climate Change, and Public Health Disasters".

Presiding Chairs and Affiliations, Columbia University Professors: Jerry Spivack, Sidney Greenfield, and Takeshi Utsumi. Presentation and Q&A discussion led by Gabriel F. Avgerinos, Senior Advisor, Energy Mentors International LLC. http://universityseminars.columbia.edu/seminars/knowledge-technology-and-social-systems/

# New York University, Spark Clean Energy Venture Series Event, December 7, 2015.

"The State of the Energy Market, US focus". Panel discussion with Riju Agrawal (Blackstone Group), Erika Harris (NYC ACRE Urban Future Lab), and Gabriel F. Avgerinos (Energy Executive, retired, Energy Mentor and Business Advisor). Panel Moderator: Akbar Hassonjee (NYU Stern and ACRE Urban Future Lab). <a href="https://www.facebook.com/Earthmattersnyu/">https://www.facebook.com/Earthmattersnyu/</a>

## Icahn-Mt. Sinai School of Medicine, SINAInnovations, October 27-28, 2015.

Conference about "Digital Healthcare" on Technology Future of Health and Medicine, Educating the Digital Doctors of Tomorrow, Digital Innovation in Medical Imaging, Precision Medicine, Global Public Health Innovation, Legal and Ethical Issues in Digital Medicine, The Role of Hardware in Digital Medicine, Trainee Entrepreneurship Forum, Definitive Diagnosis and Precise Therapy Enabled by Digital Health Innovation, Quantified Disease Prevention, Adoption of Digital Technology in Healthcare, The Digital Hospital of Tomorrow, Translating Trillion Points of Data into Therapies, Diagnostics, and New Insights into Disease, and Economics of Digital Medicine. Attended and participated in discussions at several panel sessions on digital healthcare. http://icahn.mssm.edu/about/sinainnovations

# New York University, Stern School of Business, course Managing Change, October 16, 2015.

"Technology Changes: Electric Vehicles, Hybrids, Autopilot, Batteries, Chargers", NYU Classes posting by GF Avgerinos.

New York University, Stern School of Business, course Emerging Innovations in Energy, September 14, 2015.

"Oil, Gas, Renewables Business: Environment, Climate Change, and Public Health".

Seminar and presentation by Energy Business Mentor and Senior Advisor Gabriel F. Avgerinos.

New York University, Stern School of Business, course Emerging Innovations in Energy, September 2, 2015.

V030617

Page 5 of 8

"Changes in the Oil and Gas industry regarding Energy and Environment", seminar by Gabriel F. Avgerinos.

New York University, Stern School of Business, course Emerging Innovations in Energy, August 27, 2015.

"Timeline of World Oil Price Collapse from August 2014 to August 2015", NYU Classes posting by GF Avgerinos.

New York University, Stern School of Business, course Emerging Innovations in Energy, August 27, 2015.

"China Economy Updates June - August 2015", NYU Classes posting by GF Avgerinos.

# New York University, Stern School of Business, course Emerging Innovations in Energy, 2014-2015.

Guest Speaker for NYU class with Professor Sunder Narayanan. Frequent Guest Lecturer and Discussion Moderator on Energy and Cleantech business course: fossil fuels, climate change, public health, renewable energies.

http://www.stern.nyu.edu/portal-partners/current-students/undergraduate/academics/research-practitioner-

<u>learning/experiential-seminars</u> and <u>http://www.stern.nyu.edu/faculty/bio/sunder-narayanan</u>

Mentor to students on Cleantech Projects at incubator ACRE Urban Future Lab at NYU Metrotech, Brooklyn.

http://www.urbanfuturelab.com/http://acre.nyc/

# New York University, Stern School of Business, course Managing Change, 2015-2014.

Guest Speaker for NYU class with Professor Anat Lechner. On several occasions presented seminars and held class discussions with students on companies managing change in the Energy and Cleantech business: fossil fuels, new technology efficiencies and benefits vs costs, climate change, public health, and transition to renewable resources. Mentor to students on their projects and presentations on companies' visions, strategies, change plan, and effective use of Internet of Things, Big Data, Artificial Intelligence, Robotics, and Cleantech across various sectors: energy, chemicals, manufacturing, computers and telecommunications, pharmaceuticals, food, education, and healthcare.

http://www.stern.nyu.edu/programs-admissions/full-time-mba/academics/specializations/leadership-and-change-management and http://www.stern.nyu.edu/faculty/bio/anat-lechner

# New York University, School of Law, Frank Guarini Center, 2015-2013.

Frequently attended panel discussions on "Environment, Energy and Land Use" and "Law and Security". <a href="http://guarinicenter.org/">http://guarinicenter.org/</a>

#### New York University, Wagner School of Public Service, 2015.

Reynolds Program in Social Entrepreneurship. Attended various events and panel discussions.

http://www.nyu.edu/reynolds/ http://wagner.nyu.edu/

# New York University, Stern School of Business, Office of Student Engagement, 2015-2014.

"Alumni Career Engagement (ACE)". Meetings of alumni and students for mentoring on career development. http://www.stern.nyu.edu/portal-partners/current-students/undergraduate/student-engagement

#### The New School, Schwartz Center for Economic Policy Analysis (SCEPA), 2015-2013.

"Climate Change in USA and Worldwide". Frequently attended Speaker Events and participated in discussions. <a href="http://www.newschool.edu/nssr/centers-special-programs/?id=104453">http://www.newschool.edu/nssr/centers-special-programs/?id=104453</a>

#### New York University, Tandon Polytechnic School of Engineering, Office of Alumni Relations, 2015-2013.

Alumni and Students Events: NYU Issues on Campus, Cyber Security, Research Expo, Astronauts, and Environmental Activism.

http://engineering.nyu.edu/alumni

# New York University, Stern School of Business, Urbanization Project, 2014-2013.

"Urbanization Project". Frequent participant in weekly discussion on urbanization energy-related issues. http://www.stern.nyu.edu/experience-stern/about/departments-centers-initiatives/centers-of-research/urbanization-project

## New York University, Stern School of Business, Berkley Entrepreneurship Center for Innovation, 2014-2013.

"200K Entrepreneurs Challenge". Attended student competition of start-up companies.

http://www.stern.nyu.edu/experience-stern/about/departments-centers-initiatives/centers-of-research/w-r-berkley-innovation-lab/events/200k-entrepreneurs-challenge-final-round

## New York University, Stern School of Business, course Managing Change, December 12, 2014.

"With WTI Oil Price below \$50 per barrel; Only 4 out of 18 US Shale Properties are now above Breakeven Cost, but 80% of US Shale Production is Non-Economic", NYU Classes posting by GF Avgerinos

New York University, Stern School of Business, course Managing Change, November 26-15, 2014.

V030617 Page 6 of 8

- "High Oil Production from Saudis and USA 2009-2015: Who will blink first", NYU Classes posting by GF Avgerinos.
- "The Downside of the US Oil and Gas Boom (Fracking), NYU Classes posting by GF Avgerinos.
- "Oil below \$75 Means some TX Shale (Fracking) is Unprofitable", NYU Classes posting by GF Avgerinos.
- "A More Realistic View of Shale Oil and Gas from Fracking", NYU Classes posting by GF Avgerinos.

# New York University, Liberal Studies Program, course History of the Universe, November 10, 2014.

Guest Speaker for NYU class with Professor Gerceida Jones.

"Fossil Fuels, Environment, Climate Change", presentation by Guest Speaker Gabriel F. Avgerinos. http://www.liberalstudies.nyu.edu/object/GerceidaJones

# New York University, Stern School of Business, course Managing Change, October 22, 2014.

"Falling Crude Oil Prices and Impact on US Fracking shale costs", NYU Classes posting by GF Avgerinos.

# New York University, Stern School of Business, course Managing Change, September 30 and 15, 2014.

"Oil and Gas R&D and Conversion of US Terminals from LNG Imports to Exports", NYU Classes posting by GF Avgerinos. Guest Speaker for "Energy and Environment: Managing Change in the Oil and Gas industry."

# New York University, Tandon Polytechnic School of Engineering, August 25, 2014.

"12e Dialogue: Energy Panel", Convocation event, GF Avgerinos one of three Panelists/Speakers to the freshman class.

# New York University, Stern School of Business, course on Managing Change, August 21, 2014.

"Handbook on Managing Change for Energy and Environment", Energy Business Mentor and Advisor Gabriel F. Avgerinos.

# New York University, Tandon Polytechnic School of Engineering, Office of the Dean, Wasserman Career Development, and NYU Tandon Poly Alumni Association, May 21, 2014.

Wrote proposal for "New Ideas for NYU Undergraduate and Graduate students regarding Multidimensional and Experiential Courses for effective learning (in-class discussions and online e-courses) and Career Development."

# MIT Chemical Engineering Alumni News, Spring 2011.

GF Avgerinos, MIT ChE MS, Class 1975. http://web.mit.edu/cheme/alumni/response-card.html#7180

# Natural Gas Intelligence, May 22, 2006.

"US, Canada to take 50% of world LNG supply by 2015".

Media Mention of Gabriel F. Avgerinos (General Manager LNG and Natural Gas Consulting, Poten & Partners). http://www.naturalgasintel.com/articles/14695-north-america-atlantic-basin-driving-much-lng-growth

#### Platts LNG Daily, May 18, 2006.

"US, Canada to take 50% of world LNG supply by 2015".

Media Mention of Gabriel F. Avgerinos (General Manager LNG and Natural Gas Consulting, Poten & Partners). http://www.poten.com/platts-lng-daily-us-canada-to-take-50-of-world-lng-supply-by-2015

# Platts Fifth Annual LNG Conference, Houston TX, May 18, 2006.

GF Avgerinos (General Manager LNG and Natural Gas Consulting, Poten & Partners), Guest Speaker on "LNG Global Supply." http://www.siliconinvestor.com/readmsg.aspx?msgid=22467656

# Highbeam Business, Brief Article from Power, Finance, and Risk, May 23, 2005.

"Planned LNG import terminals in North America", Media Mention of Gabriel F. Avgerinos (General Manager LNG and Natural Gas Consulting, Poten & Partners). <a href="http://business.highbeam.com/435572/article-1G1-132873406/poten-partners">http://business.highbeam.com/435572/article-1G1-132873406/poten-partners</a>

## Daily Natural Gas Price Index, May 16, 2005.

Media Mention of Gabriel F. Avgerinos (General Manager LNG and Natural Gas Consulting, Poten & Partners). <a href="http://www.naturalgasintel.com/articles/68676-poten-six-to-10-north-american-lng-projects-likely">http://www.naturalgasintel.com/articles/68676-poten-six-to-10-north-american-lng-projects-likely</a>

# Natural Gas Intelligence, October 11, 2004.

"Sempra: LNG Plans for Baja, Louisiana On Track; Supply Deals Close", Media Mention of Gabriel F. Avgerinos (General Manager LNG and Natural Gas Consulting, Poten & Partners).

http://www.naturalgasintel.com/search?q=Indonesia+Eyes+July+1%2C+2004+LNG+Deal+for+Baja%2C+California

# Oil and Gas Journal, April 27, 2004.

CBI – "Industry expected to keep pace with LNG vessel demand".

Media Mention of GF Avgerinos (General Manager LNG and Natural Gas Consulting, Poten & Partners).

V030617 Page 7 of 8

http://www.ogj.com/articles/2004/04/cbi-industry-expected-to-keep-pace-with-lng-vessel-demand.html

# The James A. Baker III Institute for Public Policy, Rice University, November 2001.

"Developments in Atlantic Basin LNG: Implications for Japan" pg 12/44, Reference to GF Avgerinos (General Manager LNG and Natural Gas Consulting, Poten & Partners). Report by Barbara Rhines Shook (EIG) and Amy Myers Jaffy (Baker Institute). <a href="http://bakerinstitute.org/media/files/Research/1c48d794/developments-in-atlantic-basin-lng-implications-for-japan.pdf">http://bakerinstitute.org/media/files/Research/1c48d794/developments-in-atlantic-basin-lng-implications-for-japan.pdf</a>

# PRNewswire on Zeus Development Conference, July 11, 2001.

"Six Key Conclusions Drawn from North American LNG conference", Zeus Development.

Media Mention of Gabriel F. Avgerinos (General Manager LNG and Natural Gas Consulting, Poten & Partners).

http://www.prnewswire.com/news-releases/six-key-conclusions-drawn-from-north-american-lng-conference-71304062.html

# LNG Express Conference, Arlington VA, June 28, 2001.

Gabriel F. Avgerinos (General Manager LNG and Natural Gas Consulting, Poten & Partners), Guest Speaker "LNG Cool Fuel for a Hot Market" and Moderator of Panel on "New Sources of LNG for North America and the Caribbean".

U.S. Dept of Energy, Shell Trading, Total-Fina-Elf, BP, PDVSA, El Paso, Williams, and Chevron were among organizations and companies discussing "LNG's Role in North American and Caribbean Gas Supply".

http://www.prnewswire.com/news-releases/shell-trading-totalfinaelf-bp-pdvsa-el-paso-williams-us-department-of-energy-and-chevron-among-companies-to-discuss-lngs-role-in-north-american--caribbean-gas-supply-71776612.html

# LNG Journal, January 2001.

"Time Charter Parties in the LNG Trade", pg 1of 5, Reference to GF Avgerinos (General Manager LNG and Natural Gas Consulting, Poten & Partners). Report by Philip R. Weems, King and Spalding, Houston TX. http://www.kslaw.com/library/pdf/weemstime.pdf

#### Oil and Gas Journal, December 18, 2000.

"Events Drive up Oil-Tanker Rates; LNG Tankers Move into New Role".

Article by Gabriel F. Avgerinos (General Manager LNG and Natural Gas Consulting, Poten & Partners), Roy L. Nersesian, Jeffrey T. Goetz, Frederick Adamchak (Poten & Partners).

 $\underline{\text{http://www.ogj.com/articles/print/volume-98/issue-51/transportation/events-drive-up-oil-tanker-rates-lng-tankers-move-into-new-role.html}$ 

Fuel Oil Energy Buyers Guide Conference, Moderator Lawrence Axelrod (Poten & Partners), September 25, 2000.

GF Avgerinos (General Manager LNG and Natural Gas Consulting, Poten & Partners), Guest Speaker, Event in Miami FL. "Natural Gas and LNG competing fuels for US electric power generation".

http://www.google.com/url?sa=tandrct=jandq=andesrc=sandsource=webandcd=43andved=0CCcQFjACOCgandurl=http%3 A%2F%2Fdatasets.opentestset.com%2Fdatasets%2FEnron\_files%2Ffull%2Fshankman-

j%2F2000conferenceattendeelist.docandei=sfmBVInRFYedNrjggJAFandusg=AFQjCNEOvGKsicI24EaXfY67WBeUfd\_Hsgandbvm=bv.80642063,d.eXYandcad=rja

(Note: Attendees List only)

#### Oil and Gas Journal, December 6, 1999.

"Traditional Oil, Gas Shipping Patterns Face Changes for the 21st Century".

Article by Gabriel F. Avgerinos (General Manager LNG and Natural Gas Consulting, Poten & Partners), Frederick R. Adamchak, Colin Shelley, Roy L. Nersesian, Jeffrey T. Goetz (Poten & Partners).

 $\underline{http://www.ogj.com/articles/print/volume-97/issue-49/in-this-issue/transportation/traditional-oil-gas-shipping-patterns-face-changes-for-the-21st-century.html$ 

## Oil and Gas Journal, March 25, 1996.

"Russia's Petroleum Progress in Russian Refining Shows Signs of Revival, Needs Investment".

Article by Valeri S. Plotnikov and GF Avgerinos (Manager LPG and Gas Projects, Poten & Partners, New York), Nikita L. Dvorets (Russian Association of Oil and Gas Producers, Moscow), Vladimir M. Tyukov (Rosneft, Moscow).

 $\underline{http://www.ogj.com/articles/print/volume-94/issue-13/in-this-issue/general-interest/russia39s-petroleum-progress-russian-refining-shows-signs-of-revival-needs-investment.html}$ 

#### Oil and Gas Journal. March 13, 1995.

"Former Soviet Union's Natural Gas Liquids Business Needs Investment"

Article by Valeri S. Plotnikov, Michael Berman, Gabriel F. Avgerinos (Manager LPG and Gas Projects, Poten & Partners). <a href="http://www.ogj.com/articles/print/volume-93/issue-11/in-this-issue/general-interest/fsu39s-natural-gas-liquids-business-needs-investment.html">http://www.ogj.com/articles/print/volume-93/issue-11/in-this-issue/general-interest/fsu39s-natural-gas-liquids-business-needs-investment.html</a>

V030617 Page 8 of 8