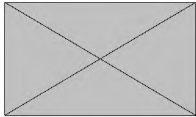


To: leila_getto@ios.doi.gov[leila_getto@ios.doi.gov]
From: Jack Gerard, API
Sent: 2017-12-07T09:25:18-05:00
Importance: Normal
Subject: New Study Highlights Importance of STEM Education, Energy Industry Job Opportunities
Received: 2017-12-07T09:26:36-05:00

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December 7, 2017

Dear Leila,

America's natural gas and oil industry is one of the nation's [leading employers](#), supporting 10.3 million jobs while delivering the energy that powers homes and businesses and fuels the economy in [countless ways](#). And opportunities are only expected to grow. With 1.9 million [new job opportunities](#) expected in the oil, natural gas and petrochemicals industries by 2035, there is a growing need for workers with a variety of skills – especially in STEM (science, technology, engineering and math) fields.

Last week the RAND Corporation released a study demonstrating that [STEM education](#) leads to greater employment opportunities, including in the natural gas and oil industry. Some of the key findings include:

- Nearly 20 percent of all current U.S. jobs require STEM skills and/or training.
 - STEM jobs are projected to grow about 9 percent out to 2024.
- A STEM bachelor's degree nearly doubles the likelihood of working in the natural gas and oil industry.
- Nearly half of all STEM jobs don't require a four-year degree, and a third of all STEM jobs are in blue-collar occupations. In our industry, more than 1 million blue-collar job opportunities are projected through 2035.

Workers in [STEM jobs](#) out-earn those in non-STEM fields by almost \$8.50 an hour, and salaries are even higher for energy industry jobs. Those who work in the natural gas and oil industry earn more than those who don't – almost without exception, across all education levels, degree majors, gender, race, ethnicity and occupation types.

That spells great opportunity for well-paying jobs across a variety of positions – including for [millennials](#). Millennials' representation in industry employment is expected to rise from today's 34 percent to 41 percent within the next decade, and the natural gas and oil industry is engaged in a [variety of activities and investments](#) geared toward supporting educational opportunities and increasing awareness of STEM possibilities for the [next generation of workers](#), especially among under-represented groups such as women and minorities.

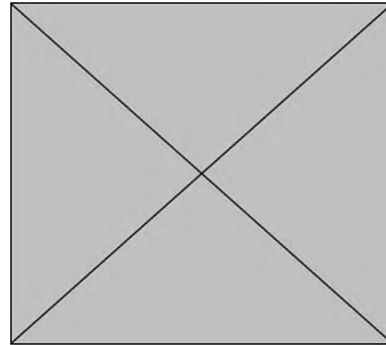
As one of the nation's largest employers – providing products integral to [economic growth](#), [national security](#) and [daily life](#) – we have a higher stake than most other industries in helping to prepare the next generation with the skills they'll need to succeed in tomorrow's economy. As our extensive research makes clear, success – for individual workers and the nation overall – increasingly will require strong skills in STEM areas. When it comes to promoting STEM training, the natural gas and oil industry is on the case to put more Americans on the job.

Sincerely,

Jack N. Gerard
President & CEO
API

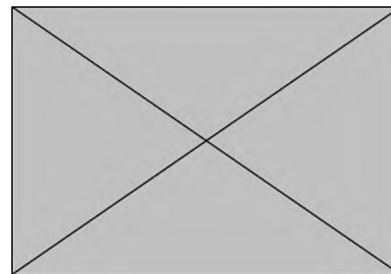
EPA Sidesteps Problems in its 2018 Ethanol Volumes

The EPA just released its annual ethanol requirements for 2018 under the Renewable Fuel Standard, and the outdated program continues to put consumers at risk for higher costs and engine damage. [Learn more about the 2018 requirements and why the broken RFS program should be significantly repealed or replaced.](#)



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To stay up-to-date on the latest energy-related news, there is no better place to check than the [Energy Tomorrow Blog](#).



About API:

API is the only national trade association representing all facets of the oil and natural gas industry, which supports 10.3 million U.S. jobs and nearly 8 percent of the U.S. economy. API's more than 625 members include large integrated companies, as well as exploration and production, refining, marketing, pipeline, and marine businesses, and service and supply firms. They provide most of the nation's energy and are backed by a growing grassroots movement of more than 40 million Americans.

To learn more about API and the value of oil and natural gas, please visit API.org.

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