

OHIO OIL & GAS ENERGY EDUCATION PROGRAM



Ohio Oil and Gas Energy Education Program



IOGCC
2014 Chairman's Stewardship
Award Entry
For
Energy Education



The Ohio Oil and Gas Energy Education Program (OOGEEP) is a statewide oil and gas energy education and public outreach program. Created by statute in 1997 (Ohio Revised Code 1510), and approved through a referendum by oil and gas producers in 1998, OOGEEP provides a variety of programs throughout the state of Ohio on behalf of the oil and gas industry. These projects primarily focus on teacher/ student education, scholarships, science fair, firefighter training, industry training, workforce development, research, landowner education and guest speaker programs.

OOGEEP has gained respect from a variety of target markets by earning a reputation as a credible state and nationally recognized program that provides factual information about how natural gas and crude oil is explored, drilled and produced in Ohio. Many programs have related curriculum and materials that meet both state and national science and fire safety standards.

Since 1998, OOGEEP has positively provided workshops and materials to more than 2,700 Ohio teachers, 1,000,000 Ohio students, 1,800 industry employees and over 1,000 Ohio firefighters. In the last year and a half alone, OOGEEP has also presented at more than 300 public presentations and distributed more than 1,000,000 fact sheets to the general public. These public events are available at no charge to civic, professional, community leaders, schools, teachers, emergency responders and other organized groups.

OOGEEP's Scholarship Foundation has provided 148 scholarships to students pursuing oil and gas careers, and is actively working more than 70 different Ohio colleges, universities, career centers and trade schools on their workforce training programs. OOGEEP has also partnered with the Ohio Academy of Science for more than a decade to promote STEM initiatives and recently entered into a partnership with Disney to create and implement positive community activities, games and parent packets in communities and schools located in the oil and gas producing counties of Ohio. Many of these programs have taken several years to develop, and have been funded 100% by Ohio's oil and gas producers.

In 1998, OOGEEP worked with the education community around the state to develop energy education teacher curriculum that meets both state and national science standards. In 2010, OOGEEP added a special interactive feature on our website that allows teachers to download oil and gas activities, labs, experiments and short video clips. In 2013 and 2014, OOGEEP tripled the number of annual *free* teacher workshops and special educational events in order to help fulfill the demand from the education community statewide. In July 2014, OOGEEP hit a milestone by having more than 2,700 teachers and schools from all 88 Ohio counties participate in the educational workshops. Participating teachers receive CEU credits and an optional graduate credit through Ashland University which has accredited the OOGEEP course. The curriculum and workshop materials are also being utilized by other oil and gas producing states.

In 1999, OOGEEP developed an oilfield emergency response training program and related curriculum that meets state and national and fire safety standards. The curriculum was a collaborated effort by OOGEEP, Ohio's oil and gas industry, Ohio Department of Natural Resources, Ohio Emergency Management Association, Ohio

Firefighters and other emergency response experts. OOGEEP also built and maintains a permanent training facility located within the Wayne County Regional Fire and Rescue Training Facility, in Applecreek, Ohio. OOGEEP's emergency response training program is also endorsed by Ohio Fire Chief's Association, the Ohio Fire and Emergency Services Foundation and the Ohio Society of Fire Service Instructors. In July 2013, OOGEEP was honored for their service to Ohio firefighters by the Ohio Fire Chief's Association. Firefighters receive required CEU credits and can receive an optional graduate credit through the Hocking College. OOGEEP has also trained fire departments from seven other states, and has helped North Dakota and Pennsylvania set up similar training programs and facilities in their respective states.

OOGEEP is actively engaged in media relations, and receives a variety of media calls and inquires on a weekly basis. OOGEEP also places a wide variety of positive industry related stories. OOGEEP has participated in a number of special statewide media educational forums and field trips. OOGEEP maintains an activity presence on the social media, and posts daily updates on facebook, twitter and YOUTUBE.

In 2013, OOGEEP entered into a pilot partnership with Disney to help parents and kids better understand how oil and gas is explored, drilled and produced. The interactive community presentations were held at local county fairs or special events. OOGEEP and Disney have scripted a special stage show that includes participation and activities for the audience attendees. This program was launched in July 2013 at the Ohio State Fair. In addition, special OOGEEP/ Disney parent packets were developed and distributed to those attending the county fair or participants at the event. The pilot STEM Disney project was launched in August 2013 and ran through December 2013. OOGEEP is now presenting these activities to schools around the state.

In 2012, OOGEEP also entered into a pilot project with the Boy Scouts of America to initiate a new oil and gas engineering badge. During the summers of 2012, 2013 and 2014, OOGEEP has been field testing the curriculum and activity project and hopes to expand this to Boy Scout and Girl Scout camps throughout Ohio and other producing oil and gas states. The STEM program allows Boy Scouts to earn their engineering merit badge utilizing oil and gas activities. OOGEEP plans to expand this program to Girls Scouts, FFA (Future Farmers of America) and 4-H.

In 2014, and after nearly five years of work, OOGEEP completed its Oil and Gas Careers in Ohio series. This has included handouts and information on the various careers available in the oil and gas industry. In addition, OOGEEP is now working with more than 70 different Ohio colleges, universities, career centers and technical schools on training programs specific to the oil and gas industry. In 2014, OOGEEP added a significant section on the industry's website: www.oogeep.org which identifies the various careers and educational institutions that offer qualified industry training program. OOGEEP is also working with JobsOhio, Ohio Board of Regents and the Ohio Department of Education which has endorsed OOGEEP's efforts. OOGEEP has also been participating in numerous career fairs, workforce development events and other special programs put on by legislative leadership to address job training and workforce needs.

In 2013, OOGEEP was certified by the IADC (International Association of Drilling Contractors) as an approved organization to provide Safeland/ Rig Pass Training. OOGEEP also partnered with the Southeastern Ohio Oil and Gas Association (SOOGA) and purchased an H₂S trailer for both training purposes and use by the oil and gas industry on any drilling or production location in Ohio. The safety trailer is maintained by O'Brien Safety Services who also provides training on and off oilfield locations.

On October 4, 2014, Ohio's oil and gas industry will celebrate the 200th anniversary of the Thorla-McKee well. The significance of this anniversary is that Ohio lays claim to the first discovery of oil in the U.S. The historical well is located in Macksburg, Ohio. OOGEEP is working with several Chambers of Commerce and related Travel and Tourism agencies to take advantage of this anniversary and utilize its significance to promote both the history of oil and gas while promoting the importance of natural gas and crude oil today.

In 2007, OOGEEP created a special Foundation for the primary purpose of distributing scholarships to students pursuing careers in the oil and gas industry. To date, more than 148 students have received scholarships. The Foundation is a 501 (c) 3 entity and is primarily funded through contributions and donations received for OOGEEP's safety training programs.

Energy education is imperative. OOGEEP provides a wide variety of programs in order to meet as many target markets as possible. In the end, energy education is not only about educating the public about this vital industry, but the combined specialized training will ensure that we will have a well trained workforce, education and emergency response community.

Attached is our August 2014 Progress Report and a copy of our "Oil and Gas Careers in Ohio" book. OOGEEP greatly appreciates being considered for the 2014 IOGCC's Chairman's Stewardship Award.

Respectfully submitted by:

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