

CARRYING THE TORCH

SOCIETY OF EXPLORATION GEOPHYSICISTS FOUNDATION

SEG FOUNDATION AND YOU:

How Your Gift to the Foundation Works

While most are familiar with the programs and services provided by SEG, many are not sure of how the SEG Foundation works. Chances are, you've been impacted by the SEG Foundation. Did you know that the SEG Foundation ensures that programs like Geoscientists *Without Borders*®, Scholarships, Student Travel Grants, Summer Field Camps, Honorary Lecture, SEG Online, the Student Leadership Symposium, Student Education Program, and Student Chapter Book Program, will continue to impact the lives of thousands worldwide, including yours?

The SEG Foundation "advances geophysics today and inspires geoscientists for tomorrow through funding innovative activities and grant programs that benefit geophysicists, their professional community, the Society of Exploration Geophysicists, and the general public." We are legally defined as a 501(c)(3) not for profit "supporting organization" of SEG. Gifts are tax deductible for U.S. citizens and residents.

All of these far-reaching, global programs are made possible through direct donations to the Foundation; membership dues alone do not provide support. When you give to the SEG Foundation, you are helping the geophysical community and profession at large. We depend upon contributions from passionate individuals, like you, to help fund essential programs and services for SEG members and the society-at-large.

Please consider investing in your profession and the future of the next generation of geoscientists by making a donation to SEG Foundation. Perhaps a particular program, like Geoscientist *Without Borders*®, speaks to you. You can ensure your gift is directed to a program of your passion by indicating your choice on the memo line of the online donation form (www.seg.org/donate). **Thank you for your support!**



For more information about the SEG Foundation and our many long-standing and successful programs, please visit us online at www.seg.org/foundation.

Thank you!

Tom

Tom Smith
Foundation Chairman



South Africa



Colorado



Amsterdam

In This Issue:

SEG Foundation and You 1
GWB..... 3

One Student's Story..... 2
Why I Support the Foundation 4



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OUR MISSION:

"The SEG Foundation advances geophysics today and inspires geoscientists for tomorrow through funding innovative activities and grant programs that benefit geophysicists, their professional community, the Society of Exploration Geophysicists and the general public."

PLEASE SEND COMMENTS OR INQUIRIES TO:

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▶ 'WHAT THE FOUNDATION MEANS TO ME' One Student's Story



The global reach of the Foundation's programs has a tremendous impact on the lives of geoscience students around the world. To witness the Foundation's far-reaching impact, meet Sabrina Aliyeva, a student from Azerbaijan State Oil Academy.

Sabrina's chosen career path is as a reservoir geophysicist in the Petroleum Industry. To achieve her dream, she realized, that education was vital to her future.

"I have always felt the necessity to reach outside of my local domain and curriculum, and learn extensively from different sources such as freely available online publications or journals provided by SEG and SPE to student members. I realized that in a country like mine, I had to improvise and create opportunities by myself without expecting help," she said. "With this goal in mind, I started the SEG Student Chapter in Azerbaijan ... to broaden my horizons in my field in an educational system which was highly inadequate. Even as a novice, I realized that the courses offered at my university were outdated and didn't cater to the current problems in geophysics."

After starting the Azerbaijan State Oil Academy Student Chapter, Sabrina benefited from two outstanding SEG Foundation funded programs, the Fred and Kathi Hilterman/SEG Foundation Student Chapter Book Program, sponsored by Geokinetics, Inc., and "PCs for Students."

"SEG helped my chapter with several books and a computer with geophysical software. I started reading these books voraciously to increase my understanding of the fundamentals of geophysics," she said. "Without this generous offering of books and study materials from SEG, I couldn't have imagined myself to be in a position where I could even aspire for higher studies in good universities in the USA."

From there, Sabrina took the next step by applying and receiving a scholarship from the SEG Foundation Scholarship Program, which has awarded more than US \$6 million in scholarships to thousands of top geoscience students worldwide since 1956. She saved her scholarship funds for two years in hopes of receiving an internship in the United States. During this time, she gained invaluable experience by representing her student chapter at the SEG/Chevron Student Leadership Symposium at the 2009 SEG Annual Meeting in Houston, where she was encouraged to further her studies.

Since then, Sabrina has benefited from the networking that SEG provides to its members, receiving an internship in Houston as a third-year undergraduate in 2010, followed by a short internship at Stanford University in 2011. Ultimately, Sabrina was admitted to a Ph.D. program in Stanford University's Geophysics Department and will begin her studies there this fall.

"I can say, without a doubt, that SEG Foundation student scholarships and other opportunities played a vast role in shaping my career till now and I am confident it will continue to in future," she said.

Sabrina's story is just one of many shared by students whose lives have been impacted by the SEG Foundation. Are you passionate about providing education to students worldwide? You can help!

Your donation to the Foundation will ensure that other students, like Sabrina, will have the opportunity to realize their dreams. Help us continue this great work and ensure the future for the next generation of geoscientists.

For more information, please visit www.seg.org/foundation or www.seg.org/scholarships. **Thank you for your support!**



THANK YOU!

"The financial support from SEG over the course of my education has made it possible for me to spend time volunteering on SEG committees and within the Colorado School of Mines (CSM) and Boise State University (BSU) student chapters. I will continue to help the SEG whenever possible and I appreciate your support."

-DYLAN MIKESSELL,
BOISE STATE UNIVERSITY

► ACCESS TO WATER ... ASSESSING POLLUTION ...
EARLY WARNINGS FOR TSUNAMIS, EARTHQUAKES,
AND LANDSLIDES ... MAKING IMPORTANT
ARCHAEOLOGICAL DISCOVERIES.

What do all of these initiatives have in common? Geophysics.

Geophysicists have the necessary tools to affect positive change in communities facing environmental hardship and natural hazards. That is where Geoscientists *Without Borders*® comes in with the mission of supporting humanitarian applications of geoscience around the world. Currently, 11 projects have received grant awards and have teams in the field, making not only a direct impact in those countries, but also impacting the reputation of geophysics around the world.



Most recently, a project was successfully completed in Chiang Mai, Thailand. Faculty and students from Boise State University, USA, in conjunction with faculty, technicians, professionals, and students from 13 participating institutions from seven countries, worked to acquire, process, and interpret geophysical data at three sites: Mae Hia, Wiang Kum Kam, and Wat Pan Sao. Participants were trained in using a variety of geophysical methods to address groundwater, archaeology, and geohazard concerns.

Geophysical equipment is plentiful in Southeast Asia, but expertise in is in short supply. “Our vision was to not address geoscience problems, but to provide scenarios to train local professionals and future geophysicists to directly address and solve their countries’ hazards or geosciences problem. By providing the tools and skills necessary to address groundwater, geotechnical, and archaeology

problems, we hope to provide a larger impact on projects throughout Southeast Asia for many years to come,” says Lee Liberty, Associate Research Professor, Center for Geophysical Investigation of the Shallow Subsurface (CGISS)/Department of Geosciences, Boise State University.

A vital component of the project is the invaluable humanitarian impact being made in Thailand and beyond. Along with directly impacting the lives of those who live in the project areas, Geoscientists *Without Borders*® is having a similar impact on the lives of working geophysicists and the geoscience students who are involved. These students not only gain invaluable, hands-on experience, but they gain a sense of empowerment – the idea that they, personally, have been a part of something that speaks to the greater good of humanity and the environment. And for some students, the experience has created a sense of camaraderie that extends beyond the actual project. As one Boise State student expressed: “I personally had a great experience. I just wish that I was able to spend more time with some of the Thai students outside of the work environment.”



Geoscientists *Without Borders*® was established by the SEG Foundation in 2008 with a US \$1 million leadership investment from Schlumberger. Additional corporate investments have been made by Santos, Global Geophysical, CGGVeritas, and Geophysical Pursuit. Individual donors have also committed more than \$380,000 to this program.

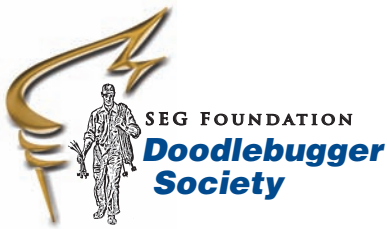
You Too Can Make a Difference! Your additional donation to the Foundation ensures that programs, like Geoscientists *Without Borders*®, will continue to impact and transform the lives of people around the world.

Are you interested in learning more? Visit the Geoscientists *Without Borders*® website at www.seg.org/gwb for more details about the program and our current projects. **Thank you for your support!**



► “WHY I SUPPORT THE SEG FOUNDATION”

One Young Doodlebugger’s Journey to the Foundation



“I’m still very early in my career, only two years out of school. I’m working in seismic data processing at CGGVeritas, and joined SEG when I started this job. Everyone here reads *THE LEADING EDGE* – we look at the competitors’ advertisements to see what they are offering. Last year, I saw a brief article about Geoscientists *Without Borders*®. I get a monthly bonus at work and usually choose some organization that I want to support, so that month I sent a donation to SEG.”

With that donation, Katherine Schwarz officially became a Doodlebugger. The Doodlebugger Society is the Foundation’s entry-level donor club, and is inspired by the SEG’s success in members helping students and other members. But Katherine’s involvement with SEG did not stop there.

“I was invited to join the SEG Foundation Project Review Committee to award grants to field camps, which I was happy to accept since it was an opportunity for career networking with people outside the company, as well as to help the next generation of students.”

Thanks to individuals, like Katherine, who realize the vital impact they can make on the next generation of geophysicists, the Foundation continues its work in “Advancing Geophysics Today, Inspiring Geoscientists For Tomorrow.” **But we need your help!**

Please consider becoming a member of the Doodlebugger Society. Membership is easy; contributions begin at US \$25 for students and US \$50 for professionals (the maximum contribution for the Doodlebugger Society is US \$999 although larger gifts to the SEG Foundation are also welcomed). These contributions support the SEG Foundation general operating fund, which is the backbone of all Foundation programs. When an individual decides to join this prestigious club, it marks the beginning of a very special and personal relationship with the SEG Foundation. Many donors choose to increase their contributions over time as they become more engaged with the SEG Foundation’s successful programs and activities.

For more information or to become a member of the Doodlebugger Society, please visit www.seg.org/foundation or www.seg.org/donate. You also can become a “Doodlebugger” by completing the SEG Foundation Support section your SEG Annual Membership Dues Statement.



2011 SEG ANNUAL MEMBERSHIP RENEWAL

Become a Doodlebugger!

DUE DATE:	MEMBERSHIP DUES:
	Previous Balance (2010 Membership Dues) \$
	SEG 2011 Active Membership Dues \$
	Support of the SEG Foundation (this is a voluntary contribution) \$
I would like to join the Doodlebugger Society through an additional donation to the SEG Foundation:	
<input type="checkbox"/> \$50	<input type="checkbox"/> \$100
<input type="checkbox"/> \$250	<input type="checkbox"/> \$500
<input type="checkbox"/> Other _____	Total Dues \$



Thank you for your support!

You Make a Difference!

Through the generosity of donors like you, the Foundation is able to present far-reaching, global programs that benefit all members of the geoscience community. Following are highlights from the Foundation’s 2010 programs:

- **Geoscientists *Without Borders*®:** Four new projects approved in 2010 in Australia, Jamaica, Romania, and South Africa
- **Scholarships:** \$434,150 awarded to 118 geoscience students worldwide
- **Field Camps:** \$101,809 provided to 11 field camps worldwide
- **Student Membership:** 9,670 students worldwide
- **Student Travel Grants:** \$201,066 to 141 students worldwide
- **Honorary and Distinguished Lecture:** 195 presentations in 42 countries, reaching 9,008 professionals and students
- **SEG Online:** New features, including new and improved website design; enhanced online collaboration experience

We need your help! Please consider making an additional donation to the Foundation. Your generosity ensures the future for the next generation of geoscientists. For more information on the Foundation, please visit www.seg.org/foundation. **Thank you for your support!**



Fred Hilterman and Richard Miles, CEO of Geokinetics, Inc., delivering book shipments to SEG student chapter leaders at the SEG Annual Meeting, 2010.