The SEG Foundation proudly supports your profession and your society, the Society of Exploration Geophysicists.

The SEG Foundation thanks and acknowledges the generosity of our volunteers and SEG staff for their contributions to this year’s report. The Foundation also thanks our great students and professionals for sharing their photos and expertise during the year. Photo credits can be found on page 48.
message from the chairman

The SEG Foundation Board is working hard to raise funds for SEG programs, targeted mainly for students and early-career geoscientists. The Foundation transferred $2.5 million to SEG in 2015, and is anticipating another transfer of $2.0 million during 2016.

My 2016 goals are:
1. Keep our 15 corporate donors “with us” during the oil price downturn period.
2. Renew several expiring corporate donor agreements for next 3–5 years.
3. Focus on individual donations to the Foundation Annual Fund and SEG programs.
4. Add new Trustee Associates—$10,000 donation to Annual Fund over five years.
5. Create Honorary Endowed Fund campaign, initially funding the GWB endowment.

Hopefully, the future holds good news. The oil exploration and production business is chaotic—not unusual for a commodity business. During 2015, 2.8 billion barrels of oil, excluding North American unconventional plays, was discovered—the lowest in more than 60 years. Sharply declining oil discoveries and current, low worldwide exploration activity will eventually negatively impact oil production. It will take some several years, but I foresee an improved environment for corporate profit and the need for more geoscience jobs.

SEG programs for students and early-career geoscientists will be high priority in the future. SEG Foundation donations for these areas are greatly appreciated.

Thank you for your support!

Michael C. Forrest
Mike joined the SEG Foundation Board of Directors in 2008. He has been serving as Board Chair since 2014.
SEG Foundation leadership is comprised of many dedicated individuals, corporations, and sections/associated societies that give generously of their time, talent, and financial resources. Without the passion and commitment of our donors and volunteers, we could not succeed.

**Board of Directors**

Effective board leadership is critical for sustaining a successful nonprofit organization. The Board of Directors is the governing body of the SEG Foundation. The board is comprised of industry leaders who are passionate about geophysics and our professional community.

The important work of the SEG Foundation is carried out through the leadership of five board committees that provide business guidance and ensure our financial well-being. These committees include: Audit Committee, Development Committee, Finance and Investment Committee, and Nominating Committee. In addition, the Executive Committee is made up of the Foundation’s Officers. Board liaisons are also assigned to four SEG grant program committees to ensure that programs function effectively, while honoring our donors’ intentions. These grant programs include: Field Camps, Geoscientists Without Borders® (GWB), Scholarships, and Travel Grants.

### 2015 Officers

<table>
<thead>
<tr>
<th>Name</th>
<th>Role and Responsibilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Michael C. Forrest</td>
<td>Chair, Development, Finance and Investment (nonvoting), GWB Liaison</td>
</tr>
<tr>
<td>Hank Hamilton</td>
<td>Co-Vice Chair, Development Co-Chair</td>
</tr>
<tr>
<td>Peter M. Duncan</td>
<td>Co-Vice Chair, Development, Nominating, Trustee Associates Chair</td>
</tr>
<tr>
<td>Michael G. Loudin</td>
<td>Treasurer, Development, Finance and Investment Chair</td>
</tr>
<tr>
<td>Dorsey Morrow</td>
<td>Executive Secretary, SEG Executive Director</td>
</tr>
</tbody>
</table>

### 2015 Directors

<table>
<thead>
<tr>
<th>Name</th>
<th>Role and Responsibilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>David C. Bartel</td>
<td>Development, Travel Grants Liaison</td>
</tr>
<tr>
<td>Arthur Cheng</td>
<td>Development, Finance and Investment</td>
</tr>
<tr>
<td>Peter Cramer</td>
<td>Development, Finance and Investment</td>
</tr>
<tr>
<td>Erik Finnstrom</td>
<td>Development</td>
</tr>
<tr>
<td>Julie Hardie</td>
<td>Finance and Investment</td>
</tr>
<tr>
<td>Magne Reiersgard</td>
<td>Audit Chair</td>
</tr>
<tr>
<td>Anna Shaughnessy</td>
<td>Finance and Investment, Field Camps Liaison</td>
</tr>
<tr>
<td>Robert F. Talley</td>
<td>Development Co-Chair, Finance and Investment, Nominating Chair</td>
</tr>
<tr>
<td>Cung Vu</td>
<td>Audit, Development, Finance and Investment, Scholarships Liaison</td>
</tr>
</tbody>
</table>

### Others Serving on Board Committees

**Development**

- Bill Barkhouse
- Craig Beasley

**Finance and Investment**

- Mihai Popovici
- Gary Servos
- Elwin Peacock
# content

Message from the Chair 1  
Leaders of Opportunities — Board of Directors 2  
Financial Highlights 5  

**Humanitarian Programs** 9  
Geoscientists *Without Borders*® 11  

**Student Programs** 13  
Scholarships 14  
Student Memberships 16  
Field Camp Grants 17  
SEG/ Chevron Student Leadership Symposium (SLS) 18  
SEG/ ExxonMobil Student Education Program (SEP) 19  
SEG/ Halliburton EVOLVE 20  
Challenge Bowl Finals 21  
Travel Grants 22  
  - Technical Program Travel Grants  
  - Student Expos  
Intel International Science and Engineering Fair Awards 22  
International Geosciences Student Conference (IGSC) 23  
Student Chapter Book Program 23  

**Distinguished Programs** 25  
Distinguished Instructor Short Course (DISC) 26  
Distinguished Lecture (DL) Program 27  
Honorary Lecture (HL) Program 28  

**SEG Online Activities** 31  
SEG On Demand 32  
SEG Online (Informational Technology) 32  
SEG Wiki 33  

**Foundation Donors** 35  
Photo Credits 47  
How You Can Give Back 48
financial highlights
2015 financials

Program Services

Funds of $2,526,182 supported 18 programs in 2015. Programs that received support include: Geoscientists Without Borders®, scholarships, student memberships, field camp grants, Student Leadership Symposium, Student Education Program, EVOLVE, student travel grants, Challenge Bowl, student expos, International Geosciences Student Conference, student chapter books, ISEF, honorary lecture, distinguished lecture, distinguished instructor short course, online education, and SEG Wiki.

Contributions

Contributions of $2,209,764 were received by the Foundation in 2015. In addition, SEG provided $329,699 of indirect general and administrative services to the Foundation as an in-kind gift. Development activity focused on growing new relationships with corporate and individual donors and sustaining existing relationships. The Foundation’s Annual Fund benefited from five new Trustee Associates contributing $10,000 or more each, and 25 existing Trustee Associates became Sustaining Trustee Associates by giving an additional $2,000 or more to the Annual Fund.
Total Assets

The Foundation’s assets decreased to $23,153,943 at year end 2015. This was primarily due to a decrease in contributions and investment losses due to an overall underperforming market.

Fundraising Efficiency

A commonly used metric for monitoring fundraising efficiency is the “fundraising cost ratio” defined as fundraising expenses divided by total contributions. Calculating fundraising expenses and revenues using rolling averages over a period of three to five years, reduces the impact of any one large gift, bequest, grant or a low revenue year on the fundraising cost ratio in any given year. The Foundation has chosen to use a three-year rolling average as its fundraising cost ratio. According to CharityWatch, a charity is considered to be highly efficient when a Cost to Raise $100 is $25 or less (www.charitywatch.org).

\[
\text{Ratio} = \frac{\text{fundraising expenses}}{\text{contributions}}
\]

<table>
<thead>
<tr>
<th></th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
<th>2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-Endowed</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Endowed</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

CharityWatch $\leq 25\%$

Foundation $= 12.44\%$
humanitarian programs
Changing the World

Geoscientists Without Borders® (GWB) is a humanitarian program that transforms lives in developing and vulnerable communities. GWB projects are strengthening the global geoscience community through beneficial multidisciplinary partnerships and cooperation with other organizations active in engineering and geoscience. Projects also encourage and energize students by introducing them to a broad range of geoscience careers while also strengthening university geophysics and geosciences programs via outreach, training, and information dissemination. Since 2008, the program has awarded 26 projects in 21 countries.

The GWB Technical Committee reviewed 23 project proposals in 2015. From those 23, four new projects were selected for funding:

- **Landslide Preparedness**: Institut des Sciences de la Terre (ISTerre) is proactively monitoring the MACA landslide in Peru (LaMoPe) by installing a permanent monitoring system to track the evolution of the landslide which is threatening a village of 900 inhabitants.

- **Earthquake Preparedness**: The University of Southern California is assisting the newly established country, Timor Leste, by monitoring local and regional earthquakes and creating an earthquake catalogue to assess seismic hazards.

- **Water Management**: IsraAID is assisting the Kakuma Refugee Camp (northwestern Kenya) and surrounding community by using geophysical studies to improve the water supply and train refugees, local Turkana, and Kenyan professionals about the aquifer system of the area.

- **Tsunami Preparedness**: Brigham Young University is building resiliency to tsunami hazards in Indonesia by assessing tsunami hazards, constructing tsunami inundation maps, and conducting tsunami evacuation drills and communication trainings along the southern coasts of Java, Boli, and Lombok.

2015 GWB Technical Committee members:

William Doll (chair), Najib Abusalbi, Michael Burianyk, Nick Lagrilliere, Isabelle Lambert, Phoebe McMellon, Robert Merrill, Jonathan Nyquist, and Gregg Parker.

SEG Board liaison: John H. Bradford.

SEG Foundation Board liaison: Mike Forrest.

The SEG Foundation proudly thanks our 2015 corporate donors and endowments:

Debra and Mark Gregg / KiwiEnergy

Mike Forrest GWB Challenge Grant (endowment)
Preparing Our Future Geoscientists

The SEG Scholarship program continues to be recognized as the most prestigious scholarship program for aspiring geophysicists. Since 1956, the program has awarded more than $8 million to top geosciences students around the world. The Scholarship Committee reviewed applications from more than 620 students in 2015 as it deliberated how to allocate available funding. Many scholarships have restrictions, and vary widely in their terms, amounts, and focus. Therefore, part of the challenge for the Scholarship Committee each year is to match the most deserving students to these restricted scholarships, appropriate to their ranking. Ultimately, the Scholarship Committee chose 140 brilliant students to share in the distribution of $688,210.

2015 Scholarship Committee members:
Dana Enciu (chair), Esther Babcock, Ronald Kerr, Camelia Knapp, Bruce Mattocks, Zhaobo Meng, Andreas Rüger, and Karl Schleicher. SEG Board liaison: Don Steeples. SEG Foundation Board liaison: Cung Vu.

Map indicates the country locations of 2015–16 scholarship recipient universities.

The SEG Foundation proudly thanks our 2015 corporate donors:
SEGScholarship Awards Given in 2015

AGIP Scholarship
Alexander Mihai & Catherine Ann Popovici Scholarship
Anadarko/SEG Scholarship
Aubra Tilley Scholarship
Billy F. Mitcham, Sr. Memorial Scholarship
CGG Scholarship
Charles C. McBurney Memorial Scholarship
Charlie & Jean Smith Scholarship
Dallas Geophysical Society Scholarship
DGS/Karen Kellogg Shaw Memorial Scholarship
David E. Lumley Scholarship in Energy & Environmental Science
Debra & Mark Gregg Scholarship
Donald & Nancy Frye Scholarship
EAGE/SEG/Thomsen/BP Scholarship
SEG/EAGE/Thomsen/BP Scholarship
ExxonMobil Upstream Research Co. Scholarship
Frans & Alice Hammons Scholarship
Frantisek Hron Memorial Scholarship
Fred & Kathi Hilterman Scholarship
Geophysical Society of Alaska Scholarship
Geophysical Society of Oklahoma City Scholarship
Geophysical Society of Tulsa/SEG Scholarship
GSH/Carlton-Farren Scholarship
GSH/Hugh Hardy Scholarship
J.E. White Memorial Scholarship
John D. Delbridge Memorial Scholarship
Keith Wrolstad Memorial Scholarship
Kenneth L. Zonge Scholarship
Michael Bahorich/SEG Scholarship
Michael C. Forrest Scholarship
Michael T. Spradley Memorial Scholarship
Richard & Rollande Lockhart Scholarship
Robert E. & Margaret S. Sheriff Scholarship
SEG 75th Anniversary Scholarship
SEG/ARCO Scholarship
SEG/Barbara McBride Memorial Scholarship
SEG/Chevron Scholarship
SEG/Chevron/Texaco E&P Scholarship
SEG/David Bartel Scholarship
SEG/David R. Lammlein Scholarship
SEG/David W. Worthington Scholarship
SEG/Denver Geophysical Society Scholarship
SEG/Excel Geophysical Services Scholarship
SEG Foundation Scholarship
SEG Foundation/Apache Scholarship
SEG Foundation/Marathon Oil Scholarship
SEG/Gary & Lorene Servos Scholarship
SEG/George V. Keller Scholarship in Time Domain ElectroMagnetics
SEG/Gerald W. Hohmann Memorial Scholarship
SEG/Henry Bates Peacock Scholarship
SEG/Ian G. Jack Scholarship
SEG/Jack & Catherine Threet Scholarship
SEG/James L. Allen Scholarship
SEG/James & Ruth Harrison Scholarship
SEG/John R. Butler Jr. Scholarship
SEG/J. Richard & Shirley Hunt Scholarship
SEG/Landmark Scholarship
SEG/Lucien LaCoste Scholarship
SEG/Marvin & Jene Hewitt Scholarship
SEG/Norman & Shirley Domenico Scholarship
SEG/P.C. Havens/Seismic Exchange, Inc. Scholarship
SEG/Permian Basin/Martha George Scholarship
SEG/Schlumberger Scholarship
SEG/Shell E&P Scholarship
SEG/Total Excellence Scholarship in Geophysics
SEG/Ulrich Schmucker Scholarship
SEG/WesternGeco Scholarship
SEG/WesternGeco/Carl Savit Memorial Scholarship
SEG/WesternGeco/Henry Salvatori Memorial Scholarship
Shirley A. & Stanley H. Ward Scholarship
Ted Born Memorial Scholarship
Thomas A. Mazza Memorial Scholarship

The SEG Foundation proudly thanks all of our 2015 scholarship donors and endowments.
student membership dues

The Student Dues Corporate Sponsorship program allows students with an interest in applied geophysics from various cultural, socioeconomic, gender, and generational backgrounds all over the world to take advantage of SEG products and services and to be equally represented in the Society.

**Sponsored Students**

During 2015, 3,546 students received paid SEG membership dues as a result of generous corporate sponsors. Approximately 79% of the program recipients resided outside of the United States and 19% were female students.

The feedback from student members participating in the program throughout the years has provided SEG and our strategic partners with valuable insight into the motivations, needs, and wants of geosciences students. The knowledge gained has been used as a guide on how to best organize SEG programs and appropriately bundle valuable and industry-relevant learning opportunities for student members.

**Global Impact of Student Membership**

The SEG recorded a total of 11,605 student members in 2015.

District 1–4: United States  
District 5: Canada  
District 6: Latin American and Caribbean  
District 7: Northern Europe  
District 8: Southern and Central Europe

District 9: Sub-Saharan Africa  
District 10: Middle East, North Africa, and West Central Asia  
District 11: Asia  
District 12: Pacific

The SEG Foundation proudly thanks our 2015 corporate donors:
field camp grants

Hands-on Experience

The intent of the SEG Field Camp Grants program is to advance the science of geophysics and support aspiring geoscientists by providing critical funding for projects that promote the professional development, student support, and youth outreach goals of SEG.

The Field Camps Committee reviewed 22 grant proposals in 2015, with funding requests totaling $270,340. Out of those, the committee awarded 13 with a total of $108,168 in available funds to operate field camps. Below is a list of the awardees with the location of their field camp.

- Colorado School of Mines, USA (Colorado)
- ETH Zurich, SWITZERLAND
- Jomo Kenyatta University Kenya, KENYA
- Novosibirsk State University Russia, RUSSIA
- Purdue University, USA (New Mexico)
- Universitas Gadjah Mada, INDONESIA
- University of Bucharest, ROMANIA
- University of Houston, USA (Texas)
- University of Florida, USA (Florida)
- University of Mining and Geology, Bulgaria, BULGARIA
- University of Texas at Austin, USA (Texas)
- University of Texas GeoFORCE Program, various locations throughout USA
- University of Witwatersrand, SOUTH AFRICA

2015 Field Camp Committee members: Tim Maciejewski (chair), Ingo Geldmacher, Nawfel Gharieni, John Lane, Madeline Lee, Jeffrey Shragge, Justin Simmons, and Steven Sloan.

SEG Board liaison: Guillaume Cambois.
SEG Foundation Board liaison: Anna Shaughnessy.
The SEG/ Chevron Student Leadership Symposium (SLS) offers travel grants to students who are current active officers of an SEG Student Chapter to cover the expenses for travel, lodging, and conference registration for SEG’s Annual Meeting. This focused two-day program for developing leadership skills includes an address by the SEG president, best practices presentations from selected Student Chapters, professional leadership coaching, and an organized team building activity.

SLS (New Orleans, Louisiana)
The ninth annual SLS was held 17–18 October 2015 in conjunction with the SEG Annual Meeting in New Orleans, Louisiana. After receiving 139 viable applications for the 50 available spots, the SEG Travel Grants Committee narrowed the recipients to 21 women and 29 men from 23 different countries, representing 50 SEG Student Chapters worldwide.

Day one included a strategic problem solving session in which members of the SEG and SEG Foundation Boards of Directors, along with SEG senior managers, worked together in groups with the student participants to discuss what benefits and recruitment tools would be most beneficial to new SEG members. Additional conversation included understanding what students see as their largest barriers to joining the oil and gas exploration industry.

Speakers, additional materials, and supervisory support are generously provided by Chevron at each SLS event.

SLS BY THE NUMBERS

<table>
<thead>
<tr>
<th>PARTICIPANTS</th>
<th>YEAR OF STUDY</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 Students</td>
<td>44% PhD</td>
</tr>
<tr>
<td>29 President</td>
<td>30% MS/MSc</td>
</tr>
<tr>
<td>21 Vice-President</td>
<td>26% BS/BSc</td>
</tr>
<tr>
<td>16 Secretary</td>
<td></td>
</tr>
<tr>
<td>6 Treasurer</td>
<td></td>
</tr>
<tr>
<td>3 Other</td>
<td></td>
</tr>
</tbody>
</table>

COUNTRY PERCENTAGES BY CITIZENSHIP

- 16% North America
- 8% South America
- 30% Europe/Russia
- 32% Asia
- 10% Africa
- 4% Middle East

The SEG Foundation proudly thanks our 2015 corporate donor:
student education program

SEG/ExxonMobil Student Education Program (SEP)

Since 2008, the SEG/ExxonMobil Student Education Program (SEP) has enhanced the traditional way of learning by exposing geosciences students to how the industry works. This two-and-a-half-day education program, which includes lectures and exercises, focuses on multidisciplinary subsurface integration aspects of geophysics. Trainers and additional supervision are generously provided by ExxonMobil during each SEP event.

Starting in 2015, SEPs were reduced to two events per year (40 students each) with one being overseas and the second in conjunction with the SEG Annual Meeting. However, the geographic region for the overseas program was expanded to students from Europe, Russia, Asia, and Africa while the SEP at the Annual Meeting would host students from the United States, Canada, Mexico, and the Americas.

SEP Europe (Prague, Czech Republic)

SEP Prague (10–12 July) opened the 2015 SEG student travel grants season with a total of 139 applications being submitted. SEG Prague saw the largest number of participants overseas with the largest diversity to date — 40 students from 22 countries. As in usual fashion, SEP Prague was held in conjunction with the International Geosciences Student Conference (IGSC) held 13–16 July. In addition, SEP participants swept five out of the six Best Student Poster/Oral Presentation awards at the conference.

SEP North America (New Orleans, Louisiana)

SEP New Orleans (16–18 October) included 40 students (8 female, 32 male) from 30 universities in Argentina, Brazil, Canada, Colombia, and the United States, and with nationalities from 13 countries. Of the 40 participants, 29 were travel grant recipients. SEP New Orleans was held in conjunction with the SEG International Exposition and 85th Annual Meeting held 18–22 October.

SEP participants at the 2015 SEG Annual Meeting.

The SEG Foundation proudly thanks our 2015 corporate donor:

ExxonMobil
Early-career Vital Opportunity Learning & Virtual Education (EVOLVE)

The SEG/Halliburton EVOLVE is a program emphasizing interdisciplinary workflow training to prepare early career professionals and students for participation in multidisciplinary asset teams in the E&P life cycle. EVOLVE focuses on promoting asset-based, integrated team learning (geophysicists, geologists, reservoir engineers, petro physicists, rock physicists, and other relevant disciplines) in a virtual environment to enable exposure and facilitate participation for motivated students and early-career professionals around the globe.

Program Implementation in 2015

With 2015 being a pilot year, four teams from pre-selected universities and companies were eligible to participate. Teams learned about EVOLVE through the SEG Facebook page, The Leading Edge, on the SEG website, and from e-mails sent to SEG emerging professional members and to SEG Student Chapters and faculty advisors.

EVOLVE officially launched on 19 October with a technical seminar. Four outstanding volunteer speakers (Dr. Rob Stewart, Dr. Kurt J. Marfurt, Dr. Stephan Gelinsky, and Dr. David H. Johnston) spent an entire day coaching SEG students on borehole geophysics, seismic attribute expression of the Mississippi Lime, DRHI: de-risking reservoir & hydrocarbons with an integrated workflow, and practical applications of time-lapse seismic data.

Day two of the program continued with six teams (three teams from the University of Houston, the University of Wyoming, the University of Texas at Austin, and the University of Oklahoma) presenting the current status of their projects in front of volunteer coaches from diverse oil and gas exploration companies. The presentations/findings segment offered the EVOLVE teammates the opportunity to share findings with peers, colleagues, and all SEG members in a supportive environment.

Jingjing Zong, a second-year PhD student from the University of Houston, described the experience and aim of the EVOLVE program: “Instead of delivering final results, we instead described the updates of the overall project progress, our difficulties and current status, and the potential work the team will undertake. We will continue working [on this project] with a lot of suggestions and advice from industry experts.”
challenge bowl finals

10th Anniversary of Challenge Bowls

2015 marked 10 years of fun and exciting geophysics-based competition with the SEG Challenge Bowl program. University teams spend a year working their way through local and regional Bowls to take part in this pinnacle of geophysics trivia.

The SEG Challenge Bowl Finals took place 19 October during the 2015 SEG Annual Meeting in New Orleans, Louisiana, USA. In celebration of the decade-long competition, SEG Board Director Rick Miller presented former SEG President and Challenge Bowl Finals emcee Peter Duncan with a plaque and celebratory cake (see picture at right). Peter Duncan has hosted the Challenge Bowl Finals every year since its inaugural event in 2006. Coincidentally, the first Challenge Bowl Finals took place in the very same city, New Orleans, during SEG’s 76th Annual Meeting. Former SEG Second Vice President Steve Danbom was also recognized for his continuous role as the scorer for the past 10 years.

Challenge Bowl Finalists

Regional winners from Africa, Canada, Europe, the U. S. Gulf Coast, Italy, Latin America, the Middle East, and the U. S. Rocky Mountains competed in pairs at the Hilton Riverside, New Orleans on that afternoon in three-round heats.

Andrey Konkov and Rasesh Saraiya made up the two-man team from Novgorod/Bombay. They surged ahead to victory during the 10th Annual Challenge Bowl Finals, taking home the coveted prize of $1,000. Second-place winners Justin Ball and Jefferson Yarce, both from the University of Colorado, also left the competition smiling with a $600 check. See picture below of the 2015 Challenge Bowl Finals winners.

The SEG Foundation proudly thanks our 2015 corporate sponsors at the SEG Annual Meeting:
travel grants

The SEG Travel Grants Committee reviewed a total of 527 student applications in 2015 for eight different program opportunities. More than 100 applications were received for each of SEP/ExxonMobil Prague, SEP/ExxonMobil New Orleans, SLS/ Chevron New Orleans, and SEG Annual Meeting technical program travel grants. The other travel grant programs included ISEF (International Science & Engineering Fair), student expos, the Student Chapter Excellence Program, and Student Chapter outreach. In the end, 148 students were awarded travel grant assistance to attend these SEG events in 2015.


Technical Program Travel Grants

Formerly called Annual Meeting Travel Grants, the SEG Technical Program Travel Grants help students and recent graduates to defray the costs of travel, accommodations, and meals so they can attend the SEG Annual Meeting to present their papers. In 2015, 14 individuals received grants to attend and present their papers at the SEG Annual Meeting Technical Session. Recipients traveled from Australia, Canada, China, and the United States.

Student Expos

The AAPG/SEG Student Expo is a unique event that links geosciences students with industry recruiters. Students benefit by networking, presenting their research, and interviewing with multiple employers whereas companies and supporters enjoy cost-efficient and timely recruiting from a diverse and talented student population. The 2015 Fall Student Expo Committee anticipated fewer sponsorships for 2015 as an expected response to the declining oil prices. Fourteen committed sponsors signed up to support the event. In addition, student registration was capped at 400 as compared to 650 attendees in 2014. However, more than 400 students attended the 2015 edition, including four SEG travel grant recipients. All enjoyed a successful time of networking, technical trainings, and recommitment to the geosciences.

Unfortunately, as a consequence of the substantial negative impact of the 2015 drop in oil prices affecting the industry, the ConocoPhillips School of Geology and Geophysics decided to suspend the 2015 Spring Expo to be held 12–13 March at the University of Oklahoma. However, SEG was able to support the Rocky Mountain Rendezvous (RMR), one of five regional job fairs, with a $1,500 sponsorship from the SEG Foundation. RMR is a close second of all geosciences-related student expos in terms of company and student participation, and is often cited by both recruiters and students as “simply a great experience.”

International Science & Engineering Fair (ISEF)

The 66th Intel International Science Engineering Fair was held in Pittsburgh, Pennsylvania (USA) 10–15 May 2015. This premier competition for science and engineering projects developed by high-school students from around the world brought together 1,500 students from 82 countries. SEG judges Chuck Meeder and Richard Nolen-Hoeksema had the tough job of identifying projects related directly or indirectly to geophysics and earth sciences, and then deciding on the year’s deserving SEG ISEF Award winners.

The 2015 1st place Distinguished Achievement Award(s) went to Ben L. Schade and Justin H. Hamilton. Both received $1,500 and were accompanied by chaperone Dr. George Hamlin (Maine School of Science and Mathematics) to the SEG Annual Meeting in New Orleans, Louisiana. See picture at right of the 2015 1st place ISEF winners.

The SEG Foundation proudly thanks our 2015 endowments:

ISEF Awards, sponsored by Dick and Fran Baile
Rutt Bridges Annual Meeting Travel Grants
Student Support Endowment
student programs

International Geosciences Student Conference (IGSC)

With the kind support of Statoil, four IGSCs were conducted in June and July 2015. Almost 500 students got together to share technical knowledge, connect with industry leaders, and network. Past organizers Andrey Konkov (5th IGSC – Russia), Marko Vanic (2nd IGSC – Serbia), and Victor Gomes (3rd LAGSC – Brazil) shared their experiences and advice in the Presentation Theater on the exhibition floor at the 2015 SEG Annual Meeting in New Orleans, Louisiana.

3rd African Geosciences Student Conference
Nairobi, Kenya
16–19 June 2015

6th International Geosciences Student Conference
Prague, Czech Republic
13–16 July 2015

1st South Asian Geosciences Student Conference
Dehradun, India
27–30 July 2015

3rd Latin America Geosciences Student Conference
Niteroi, Brazil
29 July – 1 August 2015

“Statoil is proud to support events like IGSC and other student activities arranged through organizations like SEG. Bringing geoscience students together to share experiences and build networks is always a good thing, and maybe especially in times like these.”

—Nils Sørenes, Project Leader Exploration for Statoil, platinum sponsor of the Prague IGSC

Fred and Kathi Hilterman/SEG Foundation Student Chapter Book Program

With many thanks to the generosity of Fred and Kathi Hilterman and additional sponsorship from Geokinetics, the Student Chapter Book Program continued to support the next generation of geoscientists by providing a copy of each new SEG book publication to the active SEG Student Chapters worldwide.

The 2015 Fred and Kathi Hilterman Student Chapter Book Program circulated new books to 85 SEG Student Chapters in 34 different countries. Most of the program books were hand-delivered to SEG Student Chapter representatives during the 2015 SEG Annual Meeting in New Orleans, Louisiana.

Book Distribution

Engineering Seismology with Applications to Geotechnical Engineering, by Öz Yilmaz

A key objective of this book (SEG Investigations in Geophysics Series No. 17) by Öz Yilmaz is to encourage the specialists from these disciplines to apply the seismic method to solve the many challenging engineering problems they face. While focusing on the application of the seismic method to geotechnical site investigations, this book includes many case studies in all of the applications of engineering seismology.

The SEG Foundation proudly thanks our 2015 corporate donors and endowments:

Fred and Kathi Hilterman Book Program
education
SEG distinguished programs feature renowned geophysics experts whose work and knowledge on the latest technologies appeal to and educate a global audience. In 2015, the lectures were presented in 42 countries and international locations, reaching more than 10,000 participants.

2015 SEG Distinguished Instructor Short Course (DISC)

The 2015 DISC lecturer was Öz Yilmaz, founder of Anatolian Geophysical (Turkey) and author of *Seismic Data Processing*, a best-selling SEG book. Yilmaz has taken his 41-year oil-industry experience in seismic data analysis to the diverse fields of earthquake seismology and geotechnical site investigations. The SEG DISC is an eight-hour, one-day short course on a topic of current and wide-spread interest.

Yilmaz’s course “Engineering Seismology with Applications to Geotechnical Engineering” was presented in more than 14 locations, reaching audiences in seven different countries. This course was devoted to application of the seismic method to delineate the near-surface geology primarily for geotechnical remediation of the soil column for civil engineering structures. The primary objective of Yilmaz’s presentation was a review of seismic wave propagation and a comprehensive survey of shallow seismic imaging, P- and S-wave velocity estimation for seismic modeling of the soil column, and case studies to demonstrate the power of the seismic method to solve engineering programs.

The following topics were presented in the 2015 DISC course:

- Seismic waves
- Seismic modeling of the soil column
- Site characterization
- Landslide investigations
- Seismic microzonation
- Geophysical investigations of historic buildings
- Exploration of earth resources

Countries benefiting from the SEG Distinguished Program lectures in 2015.

The SEG Foundation proudly thanks our 2015 endowments:

Dick and Fran Baile
Charles Weiner
2015 SEG Distinguished Lecturer Program (DL)

In addition to recognizing an individual’s contributions to the science or application of geophysics, each lecture is an active effort to promote geophysics, stimulate general scientific and professional interest, expand technical horizons, and provide a connection to SEG activities and practices.

2015 Q1/Q2 SEG Distinguished Lecturer
Jean Virieux, Université Joseph Fourier, Grenoble, France
Lecture Topic: *Hierarchical seismic imaging: A multiscale approach*
Total number of attendees: 1,657
Number of lectures: 34 (including 11 universities)
Countries visited (10): Australia, Canada, China, France, India, Malaysia, Oman, Saudi Arabia, United Arab Emirates, United States

“Jean is extremely knowledgeable in this field of research and has a strong track record. Yet he provided a presentation that was aimed at showing the promise and challenges of FWI without making this a show of his own achievements. He received much questions from students and faculty who wanted to talk to him, and handled this gracefully.”
— Roel Snieder, Colorado School of Mines, Golden, CO USA

2015 Q3/Q4 SEG Distinguished Lecturer
Dimitri Bevc, Chevron
Lecture Topic: *Full-waveform inversion: Challenges, opportunities, and impact*
Total number of attendees: 982
Number of lectures: 27 (including 12 universities)
Countries visited (9): Argentina, Brazil, Canada, Colombia, France, Italy, Mexico, United Kingdom, United States

“Dimitri’s presentation on FWI was outstanding. He had the perfect level of detail for a technical luncheon, with great concept explanations and examples. This was a truly outstanding presentation, and it generated a very engaged question and answer session following the presentation.”
— Scott Glassman, Southeastern Geophysical Society, New Orleans, LA USA

The SEG Foundation proudly thanks our 2015 corporate donors:
2015 SEG Honorary Lecturer Program (HL)

With the help of industry sponsors and affiliated societies, SEG selects industry experts each year to travel the globe offering lectures on the hottest geophysical topics. Lecturers typically speak for 45 minutes to one hour and offer a variety of topics, locations, and dates.

2015 Europe SEG Honorary Lecturer
Evgeny Landa, University of Tel Aviv, Tel Aviv, Israel
Lecture Topic: Pitfalls and challenges of seismic imaging
Total number of attendees: 1,059
Number of lectures: 25 (including 20 universities)
Countries visited (13): Denmark, France, Germany, Israel, Netherlands, Norway, Poland, Romania, Russia, Serbia, Sweden, Ukraine, United Kingdom

2015 Latin America SEG Honorary Lecturer
Sergio Chávez-Pérez, Instituto Mexicano del Petróleo (IMP), Mexico City, Mexico
Lecture Topic: Seismic bandwidth extension and resolution improvements: What works
Total number of attendees: 1,375
Number of lectures: 24 (including 17 universities)
Countries visited (6): Argentina, Brazil, Colombia, Mexico, Trinidad & Tobago, Venezuela

2015 Middle East and Africa SEG Honorary Lecturer
Professor Elijah Ayolabi, University of Lagos, Lagos, Nigeria
Lecture Topic: Near-surface geophysics: A high-fidelity tool for engineering, environmental, and hydrological problems
Total number of attendees: 1,381
Number of lectures: 15 (including 10 universities)
Countries visited (8): Ghana, Kenya, Mozambique, Nigeria, Oman, South Africa, Uganda, United Arab Emirates

“The lecture was well given and represented mostly practical results from the field. It was well appreciated by the audience and generated interesting and understandable questions from mostly the students who wanted to learn more. The lecturer was really practical, showing where geophysics aids in solving practical problems in the society. Great lecture.”

— Joseph O. Ebeniro, University of Benin, Benin, Nigeria

The SEG Foundation proudly thanks our 2015 corporate donors:
2015 North America SEG Honorary Lecturer
Dan Whitmore, Petroleum Geo-Services
Lecture Topic: *Concepts and applications of imaging with multiples and primaries*
Total number of attendees: 975
Number of lectures: 21 (including 9 universities)
Countries visited (2): Canada, United States

2015 Pacific South SEG Honorary Lecturer
Greg Beresford, On-Line Geophysics Pty Ltd
Lecture Topic: *Some interesting concepts associated with seismic seafloor acquisition*
Total number of attendees: 1,049
Number of lectures: 14 (including 7 universities)
Countries visited (5): Australia, Brunei, Indonesia, Malaysia, New Zealand

2015 South and East Asia SEG Honorary Lecturer
Naide Pan, Petroleum Geo-Services
Lecture Topic: *Broadband marine seismic and beyond: With focus on wave-theory and multicomponent streamer-based solutions and applications*
Total number of attendees: 1,054
Number of lectures: 18 (including 17 universities)
Countries visited (3): China, India, Taiwan

“We are extremely grateful with Sergio, his humbleness and charisma were beyond our expectations. He was an incredible lecturer and was involved well after the lecture with students and professors to further discuss the subject of the lecture and others as well. He was 100% disposed to give us his entire time during the visit to our country. We also are grateful with him for giving us an opportunity and to come visiting us in Venezuela despite some negative comments he had heard about the country. Amazing lecturer and amazing person.”
— Milagrosa Aldana, Universidad Simón Bolíva, Caracas, Venezuela

“Everyone stayed for the entire presentation and for the substantial Q&A session that followed. Attendees effusively praised the speaker and his talk. I wish to thank the SEG Foundation and Sponsor Shell Oil for making Dan available to our chapter.”
— Dan Szymanski, Pacific Coast Section, Bakersfield, California
online activities
seg on demand

SEG on Demand training (formerly eLearning) helps individuals to gain the knowledge and expertise needed to stay competitive.

Focus on User Experience

SEG has partnered with the International Human Resources Development Corporation (IHRDC) to develop a Competency Management System (CMS). This powerful tool, offered at no cost to SEG members, is being designed to provide early-career geophysical professionals with the necessary tools to research their career goals. In a matter of hours, users will come away with identified learning gaps, and a customized learning plan pointing them to publications, SEG on Demand courses, live courses, the SEG Digital Library, and other resources from SEG and IHRDC. We are excited to see where this new path will take our SEG members in 2016.

Work is underway on the new Learning Management System (LMS), with an anticipated launch in the third quarter of 2016. With the click of a button on the SEG on Demand page, users will find themselves at their on Demand learning dashboard; with access to their transcript(s), certificates, courses, and other valuable reporting information. Corporations and institutions will also have the opportunity to purchase portals with a set number of enrollment keys that can be assigned to employees or students in their organization. The portal will give the assigned users unlimited access to the purchased resources for the duration of the license term.

Both the CMS and LMS will be featured at the 2016 SEG Annual Meeting in Dallas, Texas, USA.

SEG on Demand continues to build a library of Distinguished Lecture (DL) and Honorary Lecture (HL) recordings. Mandarin translations of the 2009 HL lectures by Andrew Long and Per Avseth are in the production stages.

seg online

2015 Enhancements

The following enhancements were made to SEG Online (Information Technology):

- Implemented a new Abstract Management System (AMS) that is integrated with the SEG Association Management system, which enables a 365-degree customer view functionality. This also provides customers with a single username and password experience for all website applications. The new AMS is able to accommodate overlapping events for abstract management, which was one of the major limitations with the former system.

- Launched a new volunteer profile within the SEG Online Manage My Account that enables volunteers to fill out a volunteer profile and apply for volunteer opportunities.

- Improved e-mail and website security, providing members, registered users, and customers a safer e-mail and online experience with SEG.

- Added a multitude of new features to the online event registration system, which were aimed to improve customer experience.

- Launched a new search utility for the website that returns not only content on the website, but also targeted product listing in the results. A specific search feature for the SEG Bylaws was also implemented.

The SEG Foundation proudly thanks our 2015 corporate donors and endowments:
seg wiki

wi·kiˈwi-kē\  n [Hawaiian, quick] (bef. 1865): an online application that is maintained collaboratively — through content modifications — as an asset for a larger community [1]

10 Million Views!

Over the course of 2015, the SEG Wiki received nearly six million views (and surpassed 10 million total views in late December 2015). That means there were more views in 2015 than in 2012, 2013, and 2014 combined. As word has spread among the SEG and geoscience communities about the SEG Wiki, content within has also grown. The more than 4,700* articles have received nearly 30,000 individual edits from SEG members and registered users.

Program Accomplishments for 2015

An ongoing partnership between American Geosciences Institute (AGI) and the SEG Wiki resulted in 22 new articles outlining critical issues across the geosciences. Topic areas include: geothermal energy, hydraulic fracturing, and mining. More articles are planned in 2016.

A pilot program for incorporating wiki contributions into a Penn State-Brandywine classroom began in the summer of 2015. The pilot program was a great success and resulted in an expansion of the collaboration to a full classroom in the fall of 2015. Dr. Laura Guertin and her geoscience undergraduate students launched more than 50 geoscience basics articles in the wiki in 2015. Topics range from aquifers to whaling and whale oil. The partnership will continue in the spring semester of 2016.

The third annual Wiki Meetup was held at the 2015 SEG Annual Meeting in New Orleans. This year, 12 meetup volunteers donated more than 50 hours to the event. John W. Stockwell, Jr. was crowned the 2015 SEG Wiki Champion. SEG also named its first ever Student Champion — Raul Cova — and Student Chapter Champion — the Student Geoscientific Society Berlin & Potsdam. The winners launched new biographies, expanded and refreshed content in Sheriff’s Encyclopedic Dictionary, and created contribution models that provide guidance for other Student Chapters to highlight their geophysics-related accomplishments.

A bimonthly geophysical tutorials feature, coordinated by Matt Hall, enters its third year on the wiki. Each article is co-published in the The Leading Edge (TLE) and the SEG Wiki, where it gains an open license and is available for update by the community.

The SEG digital publications manager continued the SEG Wiki video interview series in 2015. Six prominent contributors to the SEG Wiki were interviewed in New Orleans. The interviews — ranging in topics from open software to engaging young female geophysicists — will continue to run in 2016 issues of The Leading Edge.

In 2015, staff and volunteers crafted nearly 50 biographies on prominent women in geoscience. Biographies on female leaders range from Sally Zinke and Louise Pellerin to Inge Lehmann and M. Elisabeth Stiles.

Looking Ahead to 2016

The wiki staff along with a core group of volunteers will collaborate in 2016 to continue translation of Sheriff’s Encyclopedic Dictionary to Spanish. A new software extension will be deployed that will greatly simplify translation and collaboration of translators in the SEG Wiki.

The SEG Wiki will be upgraded to the latest version of MediaWiki (1.26.2), receive a new skin, and be overhauled with new extensions that simplify the contribution process.

*Statistics provided in this report, as of 31 December 2015.

The SEG Foundation proudly thanks our 2015 corporate donor:
donors
foundation
donors
Many industry leaders have partnered with the SEG and SEG Foundation to give back to the geophysical community that has supported them. Sustaining Investors create new opportunities and expand on existing services provided through the SEG to its membership. The SEG Foundation and SEG recognize and thank our corporate sustaining investors:

$2,000,000 and Up

Shell
ExxonMobil
CGG
Anadarko Petroleum Corporation
Schlumberger

$1,000,000 to $1,999,999

PGS
Halliburton
TGS
Statoil
BGP

$500,000 to $999,999

ion
Apache
Total
Paradigm
KiwiEnergy

$250,000 to $499,999

Global Geophysical Services
IHS
Marathon Oil Corporation
Santos
Geophysical Pursuit, Inc.
Geokinetics
sustaining individual donors

Sustaining Trustee Associates

Sustaining Trustee Associates is an elite group of SEG Foundation contributors who share an ongoing commitment to the vitality of the SEG Foundation’s activities. Sustaining Trustee Associates are existing Trustee Associate members who have made an additional commitment of $2,000 (or more) to the 2015 Annual Fund.

Richard and Fran* Baile  Larry and Connie Galloway  Kayleen Robinson
Bill Barkhouse  Hank Hamilton  Simon Robinson and Lia Mills
David and Rebecca Bartel  Tom and Carolyn Hamilton  Gary and Lorene Servos
Glenn and Lorie Bear  Prentiss C. and Dolores M. Havens Family Foundation  Damir Skerl
John and Carolyn Bookout  Jeff Hume and Cindy Berlier  Tom and Evonne Smith
Alistair R. Brown  Mark and Kim Leonard  Jeff and Amie Springmeyer
Arthur Cheng  Alfred and Julie Liaw  Martin Stupel and Catherine Lappe
Rocco and Julie Detomo  Vicki Messer  Robert and Vivian Talley
James and Patty DiSiena  Bob and Penny Neese  Jack and Catherine Threet
Peter and Kathy Duncan  Elwin Peacock  Cung Vu
Kim and Karen El-Tawil  Chuck Peng  Jin Zhou
Mike Forrest  Scott Petty, Jr
Donald W. and Nancy Frye

Trustee Associates

SEG Foundation Trustee Associates (TA) directly contribute to the success of many important programs through both financial support and outstanding leadership in SEG’s philanthropic activities. An individual can become a Trustee Associate with a one-time commitment of $10,000 to the Annual Fund. These donors are recognized by their cumulative giving to the SEG Foundation.

$1,000,000+
Anonymous Donor  Anonymous Donor

$500,000 to $999,999
Debra and Mark Gregg/KiwiEnergy

$250,000 to $499,999
Rutt Bridges  Robert* and Margaret Sheriff  David Worthington
Hank Hamilton  Charles and Jean Smith, Jr

$100,000 to $249,999
Richard and Fran* Baile  Fred and Kathi Hilterman  Jeff and Amie Springmeyer
Arthur Cheng  Thomas R. LaFehr  Aubra E. Tilley
Decker Dawson  Bill* and Debbie Mitcham
Richard Degner  Scott Petty, Jr and The Petty Foundation
Mike Forrest  Alexander Mihai and Catherine Ann Popovici
Donald W. and Nancy Frye

$50,000 to $99,999
Mike and Donna Bahorich  Lee and B.J.* Lawyer  Gary and Lorene Servos
Bill Barkhouse  David E. Lumley  John W. C. Sherwood
David and Rebecca Bartel  Jesse and Cathy Marion  Kurt-Martin Strack
Craig and Betsy Beasley  James L. and Arlene H. Payne  Leon and Pat Thomsen
Rodney Cottrell  James D. and Stella M. Robertson  Cung Vu
Larry and Connie Galloway  Don and Virginia Robinson
Richard and Shirley Hunt  Rocky Roden

*deceased
## Trustee Associates (continued)

### $25,000 to $49,999

<table>
<thead>
<tr>
<th>Name</th>
<th>Name</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>James L. Allen</td>
<td>James* and Ruth Harrison</td>
<td>Elwin Peacock</td>
</tr>
<tr>
<td>Glenn and Lorie Bear</td>
<td>Prentiss C. and Dolores M. Havens Family Foundation</td>
<td>Robert B. Peacock</td>
</tr>
<tr>
<td>John F. Bookout, Jr</td>
<td>Jeff Hume and Cindy Berlier</td>
<td>Brian and Elaine Russell</td>
</tr>
<tr>
<td>James and Patty DiSiena</td>
<td>Ian G. Jack</td>
<td>Martin and Arlyn Shields</td>
</tr>
<tr>
<td>Mike and Susan Graul</td>
<td>David Lammlein</td>
<td>Jack and Catherine Threet</td>
</tr>
<tr>
<td>Claire and Joe Greenberg</td>
<td></td>
<td>Wayne Turner</td>
</tr>
</tbody>
</table>

### $10,000 to $24,999

<table>
<thead>
<tr>
<th>Name</th>
<th>Name</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>William and Evangeline Abriel</td>
<td>Carlos Guzman</td>
<td>Susan Peebler</td>
</tr>
<tr>
<td>David K. Agarwal</td>
<td>Tom and Carolyn Hamilton</td>
<td>Chuck Peng</td>
</tr>
<tr>
<td>Fred Aminzadeh</td>
<td>Martin E. Hansen</td>
<td>Henry and Rosario Pettingill</td>
</tr>
<tr>
<td>Timothy and Victoria Berge</td>
<td>Driscoll A. Henkhaus</td>
<td>Roger Reagan</td>
</tr>
<tr>
<td>Richard S. Bishop</td>
<td>Marvin* and Jene Hewitt</td>
<td>Magne and Marianne Reiersgard</td>
</tr>
<tr>
<td>Ronald and Mary Bracken</td>
<td>Robert and Michelle Hobbs</td>
<td>Dominique Robert</td>
</tr>
<tr>
<td>Scott and Rachel Brannan</td>
<td>Fred and Sandra Hoffman</td>
<td>Kayleen Robinson</td>
</tr>
<tr>
<td>Jim and Kelly Brothers</td>
<td>Rhonda and John Jacobs</td>
<td>Simon Robinson and Lia Mills</td>
</tr>
<tr>
<td>Alistair R. Brown</td>
<td>Gary Jones</td>
<td>Hugh E. Rowlett, Jr</td>
</tr>
<tr>
<td>Frank D. Brown</td>
<td>Bill Kamps</td>
<td>Jim Ryan</td>
</tr>
<tr>
<td>Lisa Buckner</td>
<td>Scott King</td>
<td>Karl and Carol Schleicher</td>
</tr>
<tr>
<td>John Castagna</td>
<td>Fritz P. Kronberger</td>
<td>Paul Schlif</td>
</tr>
<tr>
<td>Richard Cooper</td>
<td>Bill Langley</td>
<td>Richard and Barbara Schnieder</td>
</tr>
<tr>
<td>Robert and Lois Corbin</td>
<td>Ken and Nancy Larner</td>
<td>Michael and Lynn Schoenberger</td>
</tr>
<tr>
<td>Pete and Terri Cramer</td>
<td>Mark and Kim Leonard</td>
<td>Mike Seidner</td>
</tr>
<tr>
<td>Norman and Ruby Crook</td>
<td>Zhiming Li</td>
<td>Anna and Daniel Shaughnessy</td>
</tr>
<tr>
<td>Steve Crowell</td>
<td>Alfred and Julie Liaw</td>
<td>Ernest and Donna Siraki</td>
</tr>
<tr>
<td>Barry* and Lee Davies</td>
<td>Mike and Bonnie Loudin</td>
<td>Damir Skerl</td>
</tr>
<tr>
<td>Steven Davis</td>
<td>Vicki Messer</td>
<td>David Smith</td>
</tr>
<tr>
<td>David C. DeMartini</td>
<td>Edith J. Miller</td>
<td>Gene and Carlene Sparkman</td>
</tr>
<tr>
<td>Rocco and Julie Detomo</td>
<td>Paul C. Mitcham</td>
<td>George Steel</td>
</tr>
<tr>
<td>Peter and Kathy Duncan</td>
<td>Nick and Elena Moldoveanu</td>
<td>James R. Strawn*</td>
</tr>
<tr>
<td>Michael Dunn</td>
<td>Mike Mueller</td>
<td>Martin Stupel and Catherine Lappe</td>
</tr>
<tr>
<td>Kim and Karen El-Tawil</td>
<td>Bob and Penny Neese</td>
<td>John Sumner</td>
</tr>
<tr>
<td>Sam and Phyllis* Evans</td>
<td>Rachel Newrick</td>
<td>Robert and Vivian Talley</td>
</tr>
<tr>
<td>Raymond Farrell</td>
<td>Stuart Obkirchner</td>
<td>Michael Thornton</td>
</tr>
<tr>
<td>Paul M. Ferguson</td>
<td>Red Olander*</td>
<td>Ian and Nancy Threadgold</td>
</tr>
<tr>
<td>Mary L. Fleming</td>
<td>Mike and Dana Padgett</td>
<td>Marta Weeks</td>
</tr>
<tr>
<td>Floyd F. Foster</td>
<td>Naide Pan</td>
<td>Richard and Nancy White</td>
</tr>
<tr>
<td>Jim Funk</td>
<td>Peter Pangman</td>
<td>Jie Zhang</td>
</tr>
<tr>
<td>Larry Funkhouser</td>
<td>John and Donna Parrish</td>
<td>Sally G. Zinke</td>
</tr>
<tr>
<td>Jim Gibbs</td>
<td>Mark Patterson</td>
<td>The Zonge Family Trust</td>
</tr>
<tr>
<td>John and Elizabeth Gibson</td>
<td>Don Paul</td>
<td></td>
</tr>
<tr>
<td>Gretchen M. Gillis</td>
<td>Robin Pearson</td>
<td></td>
</tr>
<tr>
<td>Allen Gilmer</td>
<td>William and Linda Pearson</td>
<td></td>
</tr>
<tr>
<td>Robert and Esther Graebner</td>
<td>Robert Peebler</td>
<td></td>
</tr>
</tbody>
</table>

*deceased
Honorary Members

Ronald Antonation
Ralph Baird
Doug D. Barman
Brad and Roz Birkelo
John Bissell
John Bobbitt
Glenn Breed
Al P. Brown
Eugene R. Brumbaugh*
John Butler, Jr
Larry Cernosek
Rick Chimblo
Roy E. Clark, Jr
Luke Corbett
Neal P. Cramer, Sr
Steve and Susan Danbom
Charles Dick
Howard Dingman, Jr
Charles E. Edwards
Richard V. Edwards, Jr
Theodore D. Einarsson
Jon Ferris
James H. Frasher
Bill French
Richard Gardner
Pierre Gouillaud*
Gordon Greve
James Grigsby
E. J. Grivetti
Ernie Hall
Kathy Hogenson
Gary Hoover
Paul Horvath
Albert Hrubetz
Alan R. Huffman
David* and Helen Jewell, Jr
John D. Laker
B. L. Langston
Walter S. Lynn
Wulf F. Massell
Red McCombs
Dolan McDaniel
Raymond Mendez
Richard and Christine Miles
Lee Miller
David and Lorraine Monk
Denny O’Brien
George Parker
Robert H. Peacock
Walter Pharris
Jeffrey M. Rayner
Louis I. Schneider, Jr
William A. Schneider
Victor Shainock
C. O. Smith
Daniel L. Smith
Jackie Stewart
John W. Stockwell, Jr
Yonghe and Grace Sun
Ben Thigpen
Peyton Weems
David Wegner
Margaret Welch
Courtenay White
Michael R. Wisda
Kay D. Wyatt
Robert A. Wyckoff
Terry and Nadine Young
Jin Zhou

Additional thanks to all of those who have previously supported the SEG and SEG Foundation and have since passed.

Trustee Associate Memorial Tribute

Sadly, the SEG Foundation lost six Trustee Associates in 2015. Each made a significant difference in the lives of those they met, and will be sincerely missed in our community.

*deceased

Eugene “Gene” Brumbaugh
1924–2015
Trustee Associate since 1990
1983-84 SEG President

Emlyn “Barry” Davies
1927–2015
Trustee Associate since 2001

Billy F. Mitcham, Jr.
1948–2015
Trustee Associate since 2010

A. M. “Red” Olander
1925–2015
Trustee Associate since 1989
1984-85 SEG President

James “Jim” Strawn
1931–2015
Trustee Associate since 1990

Pierre L. Gouillaud
1918–2015
Trustee Associate since 1990

*deceased
High Velocity Donor Club

Members of this distinguished donor club receive special opportunities to engage with leadership of SEG and the SEG Foundation, allowing for a higher level of involvement with Foundation activities. Members choose their giving level from $1,000.00 to $9,999.00 in support of the 2015 Annual Fund.

William and Evangeline Abriel
Jim and Kelly Brothers
Lisa Buckner
Gustavo Carstens
Richard C. Cooper
Robert and Lois Corbin
Pete and Terri Cramer
Steve Crowell
David C. DeMartini
Michael Dunn
Raymond Farrell
Timothy Fasnacht
Jim Funk
Gretchen M. Gillis
Robert and Michelle Hobbs
Albert Hrubetz
Rhonda and John Jacobs
Gary E. Jones
Scott King
Tako Koning
Laurn R. Larson
James L. McNett
Alek Miller
Edith J. Miller
Stuart Obkirchner
John and Donna Parrish
Magne and Marianne
Reiersgard
Karl and Carol Schleicher
Alison W. Small
Michael P. Thornton
Richard and Nancy White

Doodlebugger Society Donor Club

This is a special club that calls on the colorful history of geophysics for its name. “Doodlebugger” participation marks the beginning of a very special and personal relationship with the SEG Foundation. Members join with a donation between $100.00 to $999.00 in support of the 2015 Annual Fund.

Tola Adeogba
Paul Allison
Jack Bantarri
Dave E. Barman
John E. Battle
Alexey V. Beloshitsky
Paul Bergum
Shawn Biehler
Kenneth J. Bird
Natalie Blythe
Annette H. Borkowski
Nicholas G.K. Boyd III
Drew Brenders
Tim Brown
George E. Buzan
Kerry J. Campbell
Kenneth W. Carlson
Paul A. Cattermole
Roy E. Clark, Jr
Craig W. Cooper
Chris Corcoran
Rodney Cottrell
Daniel N. Creighton
Caspar Cronk
Thomas A. Cullison
Paul H. Daggett
Gerhard Diephuis
Marlan W. Downey
Abinash C. Dubey
Mandi Duckworth
Robert W. Duke
Kevin E. Erickson
Dana Falletti
Michael C. Fehler
Richard L. Foland
Lorenzo Franceware, Jr
Eric B. Gardner
Paul G.A. Garossino
Martha George
Tonia Gist
Michael L. Gurch
Amy Haggard
Robert A. Hefner IV
Steve Hill
Philip Hosemann
Leigh S. House
John E. Jordan, Jr
G. Randy Keller, Jr
Robert E. Kohler
Jon L. Konkler
Chris Krohn
Glenn C. Kyaw Nyein
Donald C. Lancon
James D. Libiez
Isabela Coelho Lima
Brian Little
John N. Louie
Jan Madole
Pierre M. Marechal
Brent T. Masecar
Emil J. Mateker, Jr
G. Lafayette Maynard
Gary M. Mercado
Kenneth W. Mohn
Clara Luz Mora
James Moulden
Dennis G. Myers
Erin Nelson
Frank R. Nicholson
Susan E. Nissen
Gary O’Brien
Randall A. Odom
Chip Oudin
Dianne B Padgett
Sergio B. Paredes
Donald L. Paul
Chuck Peng
Spencer S. Quam
Larry J. Rairden
Bob Raper
G. Steve Rhea
Elizabeth I. Rosso
Judy L. Schulenberg
Rong Shu
David Sixta
Evert Slob
Robert G. Slyker, Jr
Barry Smith
Diana Smith and Tim
Maciejewski
Major Smith
Tad M. Smith
Larry L. Sorensen
Kyle T. Spikes
Cori Stallings
Marc Sterling
John W. Stockwell, Jr
Uwe Strecker
William Symes

*deceased
Other Annual Fund Donors

Most of these donors kindly included a gift to the SEG Foundation with their SEG membership dues payment. Donors who contribute less than $100 in support of the 2015 Annual Fund.

Peter A. Aaron
Raafat Safwat Abdul-Alim
Susumu Abe
Cesar R. N. Abeigne
James H. Abercrombie
Michael Abitbol
Essam Aboud
Najib Abusalbi
Gary Acton
Matthew D. Adams
Steve Adams
Abayomi O. Adejonwo
Taiwo Adenuga
Sola Adesanya
Charles A. Ager
Rene D. Aguilar
Godwin Agunwoke
Nasaruddin Ahmad
Jonathan B. Ajo-Franklin
Faruq Akbar
Tinu Akingbade
Mustafa Naser Al-Ali
Abdulaziz Al-Fares
Bob Alam
Mike Albertson
Perparim Alikaj
Jamie Alison
Salem Gulaiyel Aljuhani
Michael Allen
Scott W. Allison
Radu Almasan
Gabriel F. Alvarez
Muhammad Anung Anandito
Carl W. Anderson
Johnathan M. Anderson
Ibbel F. Ansink
Kunio Arai
Javier N. Ariza
Jean-Luc Arsenault
Marcelo Esteban Arteaga
Michinori Asaka
Eugenio Asencio
William A. Ashcroft
Bruce R. Asher
Estella A. Atekwana
John C. Aubrey
Konstantin Azbel
Guenther Babbel
Mohammed Badri
Claudio Bagaini
Roger G. Baker
Johan H. Bakker
Leslie Baksma
ty
George A. Ball, Jr
David W. Ballard
James H. Ballard
Edward A. Banaszek, Jr
William L. Bandy
Istvan Barany, Jr
Thomas D. Barber
Phlip and Abby Barnwell
Oscar Augusto Barrios-Lopez
Charles F. Barron
Lewis C. Bartel
Sergio Bartolomei
James T. Basick
Simon J. Bate
Leonard G. Bates
W. Wallace Bayne
Irina O. Bayuk
James D. Beavers
Christian J. Beckett
Dearal W. Beddo
Nancy A. Beeler
Bruce R. Beer
David L. Behrman
Peter J. Bell
Gilles Bellefleur
Altan T. Bembridge
Michael W. Bennett
William J. Berger III
Marcello Bernabini
Gregory C. Beroza
Jesus Berrocal, Sr
David H. Berry
Pierre Berube
Karl-Andreas Berteussen
Wafik B. Beydoun
John H. Beyer
Larry A. Beyer
Larissa A. Bezouchnko
Glenn P. Biasi
Michal Siedrzycki
Robert E. Bierley
Roger J. Bilger
John Bingham
Richard S. Bishop
Ajoy Kumar Biswal
Sidney C. Bjorle
William E. Black
Robert E. Blaik
Donald G. Blair
Robert and Cheryl Blahnik
Jacques Blanco
H. Richard Blank, Jr
Robert M. Boling
Marion R. Bone
Alastair M. Borthwick
Miguel E. Bosch
Sandip Bose
Brian K. Boslaugh
E. Dale Bowering
Thomas D. Bowman
Jacques Brache
Igor Lopes Braga
Jose Vicente Bravo
Martin L. Bregman
Henry H. Brethhauer
David P. Brewster
James G. Brewton
Mark A. Brokaw
Mark A. Bronston
Stephen W. Brossart
Larry D. Brown
Samuel Brown
Walter E. Brown
William D. Brumbaugh
Ricardo W. Bruno
Michael J. Bryanly
George V. Bulin, Jr
Andy Bull
Leonard M. Bullock III
Wm. P. Burpeau, Jr
Olivier M. Burtz
Carlos L. Cabarcas
Henri F. Calandra
Greg J. Calvert
Drake S. Cameron
R. Derek Campbell
Robert E. Campbell
Jose Oscar Campos-Enriquez
Michael Caputi
James J. Carazzone
Ricardo Caringal, Jr
Dionisio Uendro Carlos
Dennis R. Carlton
Alexandre Carnier
Matthew Carr
Timothy R. Carr
James A. Carroll
James A. Carter
Peter H. Carter
Aurora Castelan
Martin J. Cavanaugh
Soman Chacko
Kowk Chun Chan
Val W. Chandler
David Chang
Hammond Charles, Jr
Nizar Chemingui
Jing-Bo Chen
Tianyou Chen
Chung-Chuan Cheng
Li Zhen Cheng
Dallia Cherief-Djoua
Stephen Cherry
James C. Childress
Robert E. Childress
Jonathan R. Childs
In-Ky Cho
James J. Chodzko
Adam Chow
Juan Chow
Michael J. Christiansen
Lin J. Christianson
Brad J. Clark
Dean K. Clark
Douglas W. Clark
Michael E. Clark
Steven R. Clawson
Andy C. Clifford
Carlos Manuel Cobos
Jonathan D. Cocker
Ian Cockshott
John H. Coggon
Jay Cole
Massimo Di Giulio Colimberti
J. Spencer Collins
Jeffrey H. Collins III
Tibaire Colmenares
Lynn B. Comeaux
Scott G. Comegys
Carmen M. Comis
Paul E. Constance
Paul Conway
Douglas H. Cook
Charles E. Cookson
Jeannine M. Coons
Frank G. Cornwall
Cees Corsten
Patrizia Costa Pisani
Steve W. Cosway
Robert G. Cowley

*deceased
Other Annual Fund Donors (continued)

Maurice G. Cox
Neal P. Cramer, Jr
Pete A. Crisi
Ronald W. Crockett
H. John Cumming
Brian W. Curts
Andrew M. Cushman
Claudio D’Agosto
Scott Daniel
D. C. Daniels
Richard A. Darko
SagnikDasgupta
Andrew J. Davidoff
Daniel T. Davidson
Stanley G. Davis
Thomas L. Davis
William S. Davis, Jr
Ana Zelia Nunes de Barros
Ruben E. M. De Bekker
Raul Del Valle
James J. Delane
Shaun Delaney
Milos C. Delic
Helen L. Delome
Hongling Lydia Deng
Robert D. Dennis
Matthias R. Densley
ChristianDeplante
Jerome E. DePledge
Gilbert Dewart
Warren T. Dewhurst
Thomas A. Dickens
Steve Dickin
David S. Dickens
David E. Diller
Patrick S. Ditty
John T. Doherty
David M. Dolberg
Jerry Donalson
Dortha L. Dougherty
John A. Douglass
Huub Douma
David Doyel
Peter C. Dreverman
Zhijun Du
Osvaldo De Oliveira Duarte
Joseph P. Dugan, Jr
Andrew C. Duncan
Townsend H. Dunn
Peter Durbin
Pradyumna Dutta
Fa Dwon
Surinder Singh Dyal
Nicolas Echeverri
John J. Edel
James Efthathiou
Toni L. Eilerts
Andrew O. Ejayeriese
Mohamed Abd El Saadany
Adel Hassan El-Emam
Joao Luiz Elias Campos
Peter A. Emmett
Richard M. Engelkemeir
Bela Eperjesi
Parrish Erwin
Brenda J. Eskelson
Francisco J. Esparza
Aly Essam
Jorge E. Estrada M.*
Andrew C. Evans
Rob L. Evans
Stewart T. Evans
Leonard J. Eversull
Laura B. Evins
Mark D. Falk
Gary N. Fallon
James G. Farrell
Dorothea M. Faw
David R. Feineman
Paul Feldman
Michael A. Fenton
Belinda P. Ferrero Hodgson
David Feuchtwanger
Joao Carlos Araujo Figueira
Bruce Finlayson
Nicholas A. Fitzgerald
James W. Flannery
Claudia H. Flores
Gary W. Focht
Temitayo O. Folami
Robert C. Fontinelle
Thomas F. Ford
A. C. Forgay, Jr
Doyle F. Fouquet
Francois D. Fourie
James H. Frasher
John B. Frederick
Dennis E. Freed
Jonathan G. Fried
Richard Fritz
Li-Yun Fu
Koichiro Fukuoka
Peter K. Fullagar
Keichi Furuya
Jozica H. Gabbitzsch
David M. Gabriel
L. H. Gabro
William T. Gafford
Andrey A. Galaktionov
Miguel A. Galarraga
Thomas J. Galeski
John N. Gallagher
Christine Gammans
Christopher Gantela
Juan Garcia-Abdeslem
Paul S. Gary III
Kent L. Gasch
G. Michael Gaskins
William E. Gee
Tim W. Geerits
Michael D. Gehrig
Peter A. Geiser
Nick C. George
Constantin Gerea
Peter T. German
Clive M. Gerrard
Phan Truong Giang
Randall E. Gibson
Eduardo B. Gimenez
Mario E. Gimenez
Merril S. Ginsburg
Howard B. Glassman
Leon A. Glogowski
Leoncio Gonzalez Garcia
Ian R. Gordon
Mark G. Gorski
Tien Grauch
Patrick M. Graul
Charles D. Gray
Robert C. Gray
Robert J. Greaves
Hal H. Green
Ken E. Green
Victor R. Green
Jeremy T. Greene
Kent A. Greene
Kent A. Greens
Eugene A. Gridnev
Malcolm E. Griffiths
Larry R. Grillot
Melinda Griscom
E. J. Grivetti
Jan Grobys
Leo Groenewoud
C. A. Groesbeck
Paul J. Gudjurgis
Terry Hagiwara
Yesser HajNasser
Jakob Haldorsen
Brian R. Hale
Kent M. Hall
Martin J. Hall
Richard M. Hall
Stephen Hallinan
Doug Hambley
Hank Hamilton
Sherif M. Hanafy
Rex Hanson
James E. Harrell
John A. Harrell
David W. Harris
Mark P. Harrison
Peter M. Harth
Jason B. Hartman
Paul Haskey
Osman Hassan
John P. Hastings
Michael A. Hatch
Gerard P. Haughhey
Sophie Hautot
Robert B. Hawman
Koichi Hayashi
Joseph M. Hayden
Michael R. Hebert
Paul B. Hebert
Ali Hedayati
Bryan Helvey
George J. Henderson
Randall E. Hendrix
Steven G. Henry
Roland J. Herrera
Brian B. Herridge
Jerry L. Hickman
Kayla Hicks
Robert H. Higgs
John C. Hilburn
Douglas Hildebrand
Donald G. Hill
Kevin B. Hill
N. Ross Hill
J. Donald Hinks
Bernice Ho
Malcolm R. Hobson
Philip R. Hodgson
Renner B. Hofmann
Nicoalaas Holleman
Marcus R. Holloway
Gunmar E. Holmes
Guy Holmes
Mitsuru Honda
Will Honeybourne
Hannu Hongisto
Andrew T. Hooker
Randolph A. Hoover
Jacqueline Hope
Ian W. Horn
Lindsay R. Horn
Alvin R. Hosking
James R. Hougham
William C. Howes
Torben Hoy
Albert Hrubetz
Doug Hrovoic
Xiangyun Hu
Xin Huang

*deceased
Other Annual Fund Donors (continued)

Shelton E. Hubbell
Warren Huff
Trevor Hughes
Robert C. Humphrey
Charles A. Hurich
Clayton Hurst
Angel David Hurtado Artunduaga
Kevin D. Hutchenson
Gary K. Huxford
Jay Hwang
Sukyeon Hwang
Killian Chinwuba Ikwuakor
Masaharu Inagaki
Shigeru Ino
Arezki Ioughlissen
Jopie Iskander
Julian M. Ivanov
Douglas H. Iverson
Christopher H. Jackman
Stephen R. Jackson
Susan K. Jackson
Terry W. Jackson
Birendra K. Jain
Jacek Jaminski
Markus Janik
Jose M. Jaramillo
Jim Jarrell
Sri Jayati
Serge V. Jean
Halina B. Jedrzejowska
Gale F. Jenkins
Donald P. Jennison
Juan Jimenez
Arthur H. Johnson
Bill J. Johnson
David A. Johnson
Eric H. Johnson
Keith R. Johnson
Philip W. Johnson
Ross M. Johnson
Verner C. Johnson
Matthew A. Johnston
Otis A. Johnston
Philip F. Johnston
Bradley W. Jones
Peter Jones
Katarina Jonke
Dennis Jordhoy
Stephen C. Jumper
Andreas Junge
Alejandro E. Juranovic
Stefan Kakulini
Norman H. Kalmanovitch
Maneerat Kanaree
Miriam N. Karl
Ayse Kasilar
Pierre B. Keating
Stephen M. Kelly
Thomas E. Kelly
Brian L. N. Kennett
Anton Kepic
Ahmed Khairy
Khalid Saeed Khan
Muneer Ahmad Khan
John W. Kieley
Anthony J. Kielnicaiz
Fiona E. Kilbride
Don Kilgore
Seong Ryul Kim
Kazuhiro Kimura
David W. King
Kevin C. King
Warren F. King
Donald J. Kirker
James Kirkpartrick
Denis A. Kiyashchenko
J. Michael Kleinschmidt
Terry G. Knighton
Mark Koelmel
Gerd Koenemann
Madhu Kohli
Thomas M. Kolich
Richard A. Kopp
Dmitry Koryakin
Richard A. Koseluk
Andrezj T. Kostecki
Donald Kouri
Robert L. Kovach
George T. Kovacs
Takeshi Kozawa
Paul Krajewski
Darrell L. Kramer
Edward S. Krebes
Victor M. Kriebbaum
K. V. Krishnan
Unni Krishnan
Fritzi Kronsberger
Scott R. Krueger
Omar Kulbrandstad
Sunil Kumar
Daniel L. Kunkle
Yoshikazu Kurasawa
Robert T.J. Laing
Christopher R. Lambert
James O. Lance, Jr
Royce C. Landman
Martin Landro
Donald E. Larson
Bengt Larssen
Stanley J. Laster
Robert B. Lathon
Glenn H. Latimer
Rebecca B. Latimer
Jeffrey L. Lawton
Noel Leach
Vasiliq V. Leci
Paul Lecocq
Santiago Ledesma
Chee-Khooon Lee
Howard Lee
Ki Ha Lee
Seongbok Lee
Marvin Lefebvre
Miles Leggett
Jacob Leguijt
Michael J. Lenoble
Mark and Kim Leonard
Anna Leslie
Mark Lester
Jacques Leveille
Sean Lewis
Olivier Lhennam
Desheng Li
Lily Li
Xiuyuan Li
Nina C. Lian
Sze Hian Lim
Robert G. Lindblom
Leonard Lisapaly
Chu-Ching Liu
Guimin Liu
Hong Liu
Jinjun Liu
Yi-Jie Liu
Zijian Liu
Richard G.P. Llewellyn
Andrew J. Long
Barry E. Long
Bobby P. Long
Tim Long
Chen Longwei
Sharon J. Lowe
Chris S. Ludwig
Chung-Yao Lui
Larry Lunardi
David Lynch
Kathanne J. Lynch
Eric S. Lyonford
Leonardo Macelloni
Tim Maciejewski
Jerzy B. Maciolek
Bruce A. MacPherson, Jr
Robert Magee
John Makin
Steven J. Malecek
Tanmay Mallick
Benjamin R. Man
Patrick Manning
Peter M. Manning
William C. Mantey
Bernal Manzanilla Saavedra
Robert L. Marin
Philip N. Martin
Kevin W. Martindale
Ruben D. Martinez
Victor Massaka
Aloke K. Mathur
Gianni Matteucci
Jeremy H. Matthews
Bruce Mattocks
Elaine Mattos
Allen E. May
Robert Mayer, Jr
Kenneth C. McAninch
David M. McCann
Michael F. McCord
James A. McCarty
James W. McClean
Alan McClure
James D. McColgin
Michael D. McCormack
Jason M. McCrank
Melinda McCade
Dolan McDaniel
Vincent J. McDermott
John W. McDonald
Mark C. McKeehan
William H. McLain
Charles A. Meeder
John W. Meehan
Hans A. Meinardus
Anna Maria Melis
Jorge A. Mendoza
Alexandru I. Merciu
Joerg H. Meyer
Keith Meyerholtz
Ramses Gabriel Meza
Gwenola C. Michaud
Kenneth N. Michener
Medhat W. Mickael
Jean Marc Mitche
Vladimir A. Mikhailov
Charlton J. Miller
David A. Miller
Edith J. Miller
William A. Miller
Warren D. Millican, Jr
Wayne Millice
Paul A. Milligan
Minakshi Mishra
Jay P. Mitchell
S. Paul Mitchell
John Mitsdarfer
Sean F. Mohammed

*deceased
Other Annual Fund Donors (continued)

Anthony J. Moherek
Laszlo Molnar
Jacob C. Mondt
Julio Andres Montano
Francisco Montano
Wool M. Moon
Douglas E. Moore
Tom Morahan
Rick Moran
Jose Ignacio Moreno
O. Mauricio Moreno
Evans Morris
David A. Morrison
William J. Moulton
Johanna J. Moutoux
Juan Moya
Edward C. Mozley
Gary R. Mumaw
Janet L. Murphy
Vincent J. Murphy
Jonathan Mwenifumbo
David T. Myers
Kenneth A. Nadolny
Haruya Nakata
Shogo Narahara
Venkateswara Rao Naraharisetty
Tatiane Nascimento
Julia V. Naumenko
Daniel Naval
Hossain Nazarian
Gerald H. Neale
John W. Neese
Geza Nemeth
Fritz M. Neubauer
Allen S. Neville
Adam Newman
Barry J. Newman
Ian R. Newth
Rafael Neyra
Michael Nicolaidis
Zoran M. Nikic
Robert C. Nims
Tadashi Nishitani
Osamu Nishizawa
Jean Dubien Ngoma
Jason L. Noble
Richard C. Nolen-Hoeksema
Peter H. Northrop
Peter Nuttall
M. Joyce O’Brien
Thomas F. O’Brien
Robert B. O’Connor, Jr
John Odegaard
Jim O’Donnell
Terry M. O’Donnell, Jr
Peter Oganwu
Angus Ogilvie
Yoichi Ohta
Arnt Olsen
Robert A. Olson
John Oludele Olaifa
Ney H. Orellana Arichavala
Michael L. Oristaglio
Mikhail Orlovich
Andrey A. Ortega
Diongudojiyo Orubiri-Bokolo
William J. Ostrander
Victor P. Ovcharuk
William C. Owens
Kwame Owusu
Suwit Pabchanda
John R. Palmer
Sherry Pambayunung
Bhaskar Iqbal Pandit
Ionelia Panea
Owen I. Pape
Chirag Parekh
Daniel J. Parizek
Jorge O. Parra
Juan Carlos Parra
Paul Parsneau
D. Richard Paschal, Jr
Ruben Valenzuela Pascual
Roman Pasteka
Mark Patterson
James L. and Arlene H. Payne
Robert B. Peacock
Samuel T. Peavy
Sherry Peebles
Sergio Pellegrino
Hugh C. Pendery
Adriana C. Pereira
Boualem Pereira
Jesus Orangel Pereira
Dan Petcu
Mark E. Petersen
Inge H.A. Pettersen
William Pettitt
Elliott Pew
Michael J. Phelan
John C. Philips
Jean-Luc Piazza
Tom W. Pierce
Christopher J. Pike
Nicholas W. Pillar
James A. Pintar
Victor Ploszkiewicz
John F. Polasek
Claire Pontbriand
Donald R. Pool
Bud Pope
Stuart Porteous
Jackie Portsmouth
William G. Powell
Herb Powers, Jr
William W. H. Powers
Tony M. Preslar
Bill Price
Declan N. Pritchard
Terrence G. Pritchard
Ivan Psencik
Renato Puricelli
Bui Ngoc Quang
Pilar Queralt
Abhishek Raj
Dieter W. Ramcke
Jaime Ramos-Martinez
Satyendra Pal Rana
Ragnar Rasmussen
Barry J. Rava
S. Reddy Ravula
Philip W. Rawstron
Jeffrey M. Rayner
Roger Reagan
Christian J. Reichert
Ian J. Reid
Magne and Marianne Reiersgard
Kevin W. Reimer
Cicero Regis
David G. Rensink
Matias Ribnikar
Donald E. Rice
David J. Richards
Philip Richardson
James E. Rickenbacker
David Ridyard
Michael G. Riehle
Erwin Rieser
Francois Riff
Dominique Robert
Earl Roberts
Philip K. Roberts
Tony Robertson
John C. Robinson
Guillermo Rodriguez
Luis E. Rodriguez
Maximo E. Rodriguez
Karstein Roed
Ryan Rogers
Javier Rojas
Florian Romanescu
Jose Manuel Romo
Vicente B. Rosello
Friedrich Roth
Partha S. Routh
Jeffrey D. Rowe
Kabir Roy-Chowdhury
Timothy S. Russell
Khaled Saadaoui
Edward J. Saade
Arta Sadrzadeh
Dayna J. Salter
Sam T. Sampanthan
Marel A. Sanchez
Torunn Sandvoll
Bhanu Prapat Sant
Giovanni Santaratto
Stefano Santoni
Rebecca Santos
Sergio Santos
Yutaka Sasaki
William A. Sauck
Yaroslav Savvateev
Marc L. Sbar
Bernard C. Schaefer, Jr
Fred A. Schafer
Ulrich M. Schanz
Norbert H. Schleifer
Joerg F. Schneider
Art Schrader
James S. Schuelke
Gehrig S. Schultz
Babawale Scott
Robert L. Scott
Stephen M. Scott
F. Augustus Seams
Brian H. Seamer
Clayton Seeley
Felix R. Segovia
Dudley R. Seifert
George W. Self, Jr
Margarita Semenova
Kamala D. Sen
Armando R. Sena
Klaus-Peter Sengpiel
Mrinal M.K. Sengupta
John L. Sexton
Ronald M. Sfara
William E. Shafer
Victor Shainock
Selim Simon Shaker
Stefan B. Shahov
Alastair D. L. Sharp
Anne F. Sheehan
Michael J. Sheen
Thomas M. Shepherd
Francis G. Sherrill
Wen-Kung W. Sherrill
Tara Sherstabotoff
Zhiqun Shi
Miki Shigeru
Hideaki Shiraki
Erin M. Shirley
Yasunori Shoji
Other Annual Fund Donors (continued)

Alexander Sibirtsev  
Charles J. Sicking  
Henno Siismets  
Eli A. Silver  
Scott R. Silver  
Neil J. Simons  
Robert W. Simm  
Peter Simpson  
Shiv Pujan Singh  
Carol Singleton Slade  
Daniel Sjomeling  
Gene Skeith  
Damir Skerl  
Peter Skjellerup  
Tracey A. Skopinski  
Adrian T. Smith  
Bruce D. Smith  
Charles and Jean Smith, Jr  
Daniel L. Smith  
G. A. Smith  
Nigel S. Smith  
Donald J. Snow  
Donald D. Snyder  
Bolarinwa Solanke  
Nobukazu Soma  
Alain Tabbagh  
Alfredo Tada Guarin  
Cesar Navarro Tafolla  
John Takach  
Yutaka Tanaka  
Xiaoming Tang  
Pascal Tarits  
Jack M. Taylor  
Steven A. Tedesco  
Sergey Terentyev  
Dennis J. Teskey  
Hubert F. Tett  
Mark W. Thoman  
Rowland W. Thomas  
Arthur H. Thompson  
Robin C. G. Thornton  
Spencer R. Tiley  
Fernando F. Tizon  
Ray Tobias  
Brian E. Toelle  
Kurt Tollesrup  
Juliana J. Toms  
Jorge Torres-Solis  
Tetsuma Toshioka  
Lynn D. Trembly  
Uwe Treyle  
Kazek Trofimczyk  
Stephen E. Trudell  
Dave P. True  
Boris Tsimelzon  
John R. Tulett  
Jeremy Tung  
Wayne Turner  
Daryl Tweeton  
Tapesh Kumar Tyagi  
John Ughetta  
Cristian Alejandro Ulloa  
Milotan Urosevic  
Randal W. Uttech  
Edi Prasetyo Utomo  
Glen E. Vague, Jr  
Fernando Valencia  
Alejandro A. Valenciano  
Peter P. Van Bemmelen  
Roald G. Van Borselen  
Jan Van De Mortel  
Ewoud J. Van Dedem  
C. M. Van Der Kolk  
Matthijs van der Molen  
Alexis van Lennep  
Emmet Van Reed  
Paul Van Riel  
John A. Vance  
Rui Miguel Vasconcelos  
Cosmin C. Vasile  
Anthony Vassiliou  
Antonio Velasquez  
Vincente Velastegui  
Janardhana Vema  
Gustavo Vergani  
Lev Vernik  
Rob W. Vestrup  
Paul Vihrstencu  
Paul F. VonHuben  
Cung Vu  
David J. Waibel  
Gregory P. Waite  
Peter E. Walcott  
David A. Walker  
Thomas F. Walker  
Keith S. Wall  
Elin L. Wallin  
Joel D. Walls  
Daioliu Wang  
Yi Wang  
Cornelis P.A. Wapenaar  
Rod Warters  
Gerald P. Washcalus, Jr  
Simon P. Waters  
Timothy D. Watson  
Terry L. Watt  
George P. Watts  
Anthony D. Weatherall  
Ronald C. Weatherill  
Sidney M. Weaver  
Michael R. Webb  
John A. Weigant  
John G. Weihe  
Robert G. Weiner  
Tammy M. Weir  
Karen A. Weitemeyer  
Wolfgang Weniger  
Kenneth S. Werner  
Cliff M. West, Jr  
Mark E. Westcott  
Arthur P. Whipple  
Richard and Nancy White  
Laurie Whitesell  
Bruce H. Wiley  
Robert A. Will  
John F. Willis  
Michael Willis  
Nicole Willson  
Stephen A. Wilson  
Michael J. Wilt  
Gerrit Wind  
Hugh Winkler  
William E. Winterrowd  
Chris Wojcik  
Lorraine W. Wolf  
See Ching Wong  
James R. Wood  
Lawrence C. Wood  
Marta Jo Woodward  
Joe T. Worthy  
Cary L. Wright  
James L. Wright  
Timothy F. Wright  
Ru-Shan Wu  
Chunshou Xia  
Xiao-Bi Xie  
Jennifer D. Yaeggy  
John A. Yamada  
Barbara R. Yantis  
George Chia-Chi Yao  
Sanyu Ye  
Changchun Yin  
Taka Yokokura  
Kenneth Yoon  
J. Marc Young  
Angel E. Zea  
Zhijuan Zhang  
Binhong Zhou  
Chaoqiang Zhou  
Tianfei Zhu  
Kathy Zou  
Jokin Zubizarreta  

*deceased
The following donors thoughtfully made a direct gift to a specific SEG program in 2015.

Individual Donors
Anonymous Donor
Ludmilla Adam
Martins Akintunde
Donna Anderson
Tara Armstrong
Kathleen L. Baker
Kandiah Balachandran
Bill Barkhouse
Phillip and Abby Barnwell
David and Rebecca Bartel
Arpita Pal Bathija
Cheryl and Phil Bayouth
Craig and Betsy Beasley
Nancy A. Beeler
Robert and Cheryl Blahnik
John and Donnell Bradford
Lawrence Braile
Randall T. Bridges
Nicholas J. Brooks
Damian Browne
Taras Bryndzia
Cathy and Keith Certa
Arthur Cheng
Karen R. Christopherson
Dean Clark
Jeannine M. Coons
Andreas Cordsen
Steve and Susan Danbom
Thomas L. Davis
Bill Doll
Peter and Kathy Duncan
Subhasis Dutta
Sam and Phyllis* Evans
Bradley J. Field
Mike Forrest
Carrie W. Friello
Jim Funk
Mike Galbraith
Eric Gardner
Angie Giles
Timothy and Brenda Gray
Debra and Mark Gregg
Seth Haines
Hank Hamilton
Osman Hassan
Donald A. Herron
Steve Hill
Ronny Hofmann
Pascal Hythier
Sarah Ibrahim
Julian M. Ivanov
Rhonda and John Jacobs
George R. Jiracek
Samuel and Mary Johnson
Gary Jones
Mike Kasli
Kristina Keating
Candice Klein
David Lammlein
John Lane
Ken and Nancy Larner
Dean Lewis
Rick Luke
Cecelia and James Marquart
June and Alan Martin
Keller and Connie Matthews
Michael D. McCormack
Robert Merrill
Thomas Mikesell
Richard and Christine Miles
Bill* and Debbie Mitcham
Christopher Nee
Susan and Robert Nichols
Daniel A. Nietupski
Gary and Christine Owens
Gregg Parker
Herminio Passalacqua
Eric and Joann Pasternack
John W. Peirce
Louise Pellerin
Tiffany Piercey
Ted Playton
Alexander Mihai and Catherine Anne Popovic
Manika Prasad
Debra B. Rathbun
James D. and Stella M. Robertson
Don and Virginia Robinson
Rocky Roden
Kathleen Sanford
Rituparna Sarker
Sandra Savit
Iva Segalman
Daniel J. Sek
John W. C. Sherwood
Martin and Arlyn Shields
Yoram Shoham
Robert Siegfried II
Matthew M. Silbernagel
Bruce D. Smith
Ted M. Smith
Mark Sonnenfeld
Michael S. Spadafore
Jeff and Amie Springmeyer
Monte Stephens
Charles H. Stoyer
Martin Stupel and Catherine Lappe
Mustafa T. Tasci
Leon and Pat Thomsen
Helga Tulinius
Daryl Tweeton
Remke Van Dam
Susan Walter
Weiping Wang
Yili Wang
Bernadette Ward
Richard and Nancy White
Laurie Whitesell
Robert Wiley
Scott L. Williams
Cheryl Wilson
Natalie Witte
David Worthington
Robert W. Yager

Sections/Societies/Foundations
AIPG Foundation, Inc.
EEGS
Geophysical Society of Houston
Geophysical Society of Oklahoma City
Geophysical Society of Tulsa
Pacific Coast Section of SEG
Permian Basin Geophysical Society
SEG Near Surface Technical Section
Thompson & Knight Foundation

Corporations
Anadarko Petroleum Corporation
Apache Corporation
BGP, Inc.
CGG
Chevron
Cirpac Travel Systems, Inc.
Dennard-Lascar Associates, LLC
ExxonMobil Exploration Company
Geokinetics, Inc.
Halliburton Energy Services, Inc.
Hein & Associates
Hydroscience Technologies, Inc.
Marathon Oil Company
Noble Energy Inc.
Paradigm Geophysical Corporation
Petroleum Geo-Services Inc.
Shell E&P Company
Skillman Church of Christ
Statoil ASA
TGS-NOPEC Geophysical Company
WesternGeco LLC

*deceased
Corporate Matching Gifts

The following companies matched employees’ gifts to the SEG Foundation in 2015.

BP Foundation  ExxonMobil Foundation
Chevron Corporation  Shell Oil Company Foundation
ConocoPhillips  Whiting Petroleum Corporation
EOG Resources, Inc.

Photo credits

The SEG Foundation thanks our volunteers and students for sending us many wonderful archival pictures throughout the year.

Cover  SAGE 2015—New Mexico, USA
Page 4  “Cinque Terre, Italy” by Caroline Adolphsson
        “Work Hard” by Anastasia Galperina
        “Setting Sail” by Chau Duc Minh Ha
        “Mt Kelut Crater, Indonesia” by Antares Wira Andhika
        “Geoelectric Method” by Nurul Abdilla
Page 5  Photo by Tania Mukherjee
Page 8  “Pacaya Volcano, Guatemala”—Michigan Tech University project
        “Testing Village Water, Argentina”—Universidad Nacional de La Plata project
        “Cargo boat on Tanganyika, Tanzania”—University of Kentucky project
        “Locating Water, Australia”—Flinders University of South Australia project
        “Studying Earthquakes, Jamaica”—University of Texas at Austin project
        “Seismic Data Acquisition, Romania”—University of Bucharest project
Page 9  GWB Project in Haiti—University of Houston
Page 10 “On Site” in Northern Cameroon—University of Missouri
Page 12 “SEG Student Pavilion”—SEG Annual Meeting, New Orleans, LA, USA
        “Fall Student Expo”—Houston, TX, USA
        “Field Camp Attendees”—University of Mining and Geology (Bulgaria)
        “SLS Collaboration”—SEG Annual Meeting, New Orleans, LA, USA
        “2015 Best Student Chapter Awards”—SEG Annual Meeting, New Orleans, LA, USA
Page 13 SEP Participants—SEG Annual Meeting, New Orleans, LA, USA
Page 17 2015 Geophysics Field Camp—University of Mining & Geology, Bulgaria
Page 25 SEG Continuing Education Course
Page 31 SEG Wiki Pavilion—SEG Annual Meeting, New Orleans, LA, USA
Page 35 2014 SEG Foundation Donor Luncheon—SEG Annual Meeting, Denver, CO, USA
how you can give back

Doing Together What Cannot Be Done Alone

The SEG Foundation is fortunate to have many loyal and generous donors who believe in the mission of the SEG. Many individuals want to “give back” to the Society and community that has served them and their families well over the years. There are many ways to give, and choosing the right option for you is important. Below are some giving options available to the SEG Foundation. If you have any questions about making a gift, please do not hesitate to contact us directly at foundation@seg.org or (918) 497-5515. Thank you again for your time, talent, and treasure to help advance and inspire the members of our geophysical community!

- **Make a gift by check.** Please make your check out to “SEG Foundation” and mail it directly to our Tulsa Office at 8801 S. Yale Ave, Suite 500, Tulsa, OK 74137 USA. If making a year-end gift, the date you mail (postmark) the check is considered the date of delivery.

- **Make a gift online.** The SEG Foundation’s online giving process gives donors the flexibility to make a donation anytime, anywhere. Our secure online processing system assures that credit card information is protected, and multiple SEG program options allow donors to give to the cause of their choice. Try it today!

- **Make a gift of stocks.** Often, long-term appreciated assets provide a charitable deduction for the full market value of the security. Such donations also allow the donor to avoid capital gains tax. Please contact the SEG Foundation if you have any questions about making a gift of stock or if you require the account information to complete your gift.

- **Corporate matching gifts.** Many companies will match donations made by their employees, their families and retirees. Please ask your Human Resources office about your company’s matching process—and double the impact of your gift today!

- **Estate and planned gifts.** Making a planned gift through your estate is a great way to establish your legacy and celebrate the science and industry that contributed to your own success. Planned gifts can provide income and tax benefits to you and your loved ones. Please contact the SEG Foundation for more information.

- **Seek financial advice.** Not surprisingly, the rules get more complicated when the gift is more complicated. To determine what makes the most sense for you and your family regarding charitable giving, we encourage you to speak with your financial advisor to determine the best method and timing when giving.

- **Other notes.** Gifts of $500.00 or more directed to endowments and specific programs are accessed a one-time 5% development reinvestment fee to support the work of the SEG Foundation. The SEG Foundation is a registered 501(c)(3) nonprofit corporation. Therefore, your contributions are tax deductible in the United States.

Note: All monetary references in this report are in U.S. dollars.
thank you!

For more information on the impactful programs and activities listed in this Annual Report, please visit our website:

SEG: www.seg.org
SEG Foundation: www.seg.org/foundation

GWB: www.seg.org/gwb
Student Programs: www.seg.org/students
Membership: www.seg.org/membership

Distinguished Programs: www.seg.org/education
SEG on Demand: www.seg.org/education
SEG Wiki: wiki.seg.org

Foundation Donors: www.seg.org/foundation
Online Giving: www.seg.org/donate