

2008 CSEG ANNUAL REPORT



2008 Executive

François Aubin, *President*
Jon Downton, *Vice President*
Petra Buziak, *Director of Educational Services*
Jennifer Leslie-Panek, *Assistant Director of Educational Services*
Marzena Feuchtwanger, *Director of Member Services*
Torr Haglund, *Assistant Director of Member Services*
Larry Herd, *Director of Finance*
Brock Hassell, *Assistant Director of Finance*
Michael Enachescu, *Director of Communications*
Carol Laws, *Assistant Director of Communications*
Doug Bogstie, *Past President*
Jim Racette, *Managing Director*



Canadian Society of Exploration Geophysicists
600, 640 - 8th Avenue SW, Calgary, Alberta T2P 1G7

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President

Year in review

On March 30, 2009 the new CSEG Executive takes office. This will be the end of my term as President of our society. To be President is a three-year minimum commitment: one year each as Vice President, President and Past President. There are many opportunities to remain active and connected to the society beyond those three years as many past presidents can attest. I look forward to many more years of active volunteering within our society. I take this opportunity to touch upon some key elements of the past year.

Membership Survey Results

A survey of our membership was completed in early 2008. The results of our surveys were published in the May 2008 RECORDER. Further to the CSEG survey, the Canadian Federation of Earth Sciences (CFES) conducted a broader survey across Canada and published their results in the fall of 2008. The results can be found on the CFES web site at: <http://www.geoscience.ca/>. Both surveys point to an aging population of geoscientists, and an increased need to get new graduates coming into the practice of geoscience, not only in petroleum, but in mining and environment as well.

JACC

Under the guidance of Doug Bogstie, an agreement with the Canadian Society of Petroleum Geologists (CSPG) was signed in March 2008 to hold joint conventions every year: the Joint Annual Convention Committee (JACC) was formed. This is a five-year rolling agreement. Plans are under way to include the Canadian Well Logging Society (CWLS) as well. The CSEG and the CSPG have three representatives each on JACC, and one chairperson is chosen from either society. Our representatives were Andrea Hood, Rob McGrory and Jeff Bectold.

APEGGA

The President of the CSEG is invited to attend the meetings of the Geoscience Committee as well as some other meetings of APEGGA. Compliance is the *raison d'être* of APEGGA, as stated on their web site (www.apegga.org): "The

Association of Professional Engineers, Geologists, and Geophysicists of Alberta (APEGGA) has regulated the practice of engineering, geology and geophysics in Alberta since 1920. The Association's authority is derived from provincial statute." As part of this mandate, APEGGA is actively involved in defining education requirements for practicing geophysics, and works hard at trying to ensure that the same or equivalent curriculum are in effect in all universities across Canada for easy transfer between provinces. Many discussions are held at the international level as well. We appreciate being informed by APEGGA of all initiatives that might affect the practice of geoscience, and therefore a number of our members. APEGGA has made an effort to reach out to and communicate with other societies like the CSEG and the CSPG – yet you can be assured that your membership in the CSEG remains confidential as required by privacy laws.

SEG

As the Society of Exploration Geophysicists (SEG) is quickly becoming THE international body of geoscience, it is reviewing its governance to ensure proper representation and effective decision making. The CSEG is an active participant in the review of the governance. It is a long process as any change to the governance would have to be voted upon at a Council Meeting held once a year during the annual conference. To ensure a positive result in any resolution presented to the Council, all stakeholders are invited to be active participants in the discussions, and hopefully will result in a stronger and even more effective SEG.

In the past year, the CSEG and the SEG have signed an agreement allowing the CSEG to sell SEG books in our office in Calgary as an added service to our members.

CSEG Foundation / Outreach

The CSEG Foundation has been revamped over the last few years and has seen its corpus grow due to the transfer of some excess funds from the CSEG (a not-for-profit society) to the CSEG Foundation (a registered charitable organization). The synergies

between Outreach and the Foundation are being reviewed to ensure maximum efficiency of all our activities and to prevent duplication of efforts.

Elections

The voting for the CSEG executive positions has been offered online for the last couple of years. We have seen participation increase from 27% last year to almost 35% this year. We hope to see a further increase in the coming year. This year we have received comments on the nomination process and we take those suggestions very seriously. We will endeavour to seek nominations more aggressively from the membership at large this coming year.

Online Services

Following an initiative of moving our membership database to a new system over a year ago, followed by a revamping of our web site, we were able to start offering more services online. In the past year, we have introduced membership renewal online, luncheon ticket purchase online, and DISC (SEG/EAGE Distinguished Instructor Short Course) registration online. Plans are in the works to keep increasing our services online even more; thank you to the concerted efforts of Corey Hooge (web site editor) with the executive and our staff for these new undertakings.

Finances

Last year in his annual report, Doug Bogstie wrote "...record net revenues point to a society with a bright future and one capable of weathering an uncertain business environment." As I write this message, this uncertain business environment has been with us for quite a few months now. Indeed our society is in good financial shape to weather this storm, yet we used prudence when preparing our 2009 budget.

Executive Team

A thank you is warranted to the current executive team: Larry Herd, Marzena Feuchtwanger, Michael Enachescu, Petra Buziak along with Doug Bogstie and Jon Downton. Assisting in the duties are Brock Hassell, Carol Laws, Jennifer

President (con't)

Leslie-Panek and Torr Haglund all ready to take up their respective portfolios for the coming year. A very special thank-you to Doug Bogstie who helped, guided, counselled, advised or took charge as appropriate throughout the year. Jon Downton will bring a technical angle to the leadership of the CSEG that will further the mandate of our society: "... to promote the science of

geophysics, especially as it applies to exploration, and to promote fellowship and co-operation among those persons interested in geophysical prospecting." Jim Racette and Sheryl Meggeson, our staff, are always there to help all of us, whether it is to support the executive, the committees, or the members at large: thank you to Jim and Sheryl.

Finally, I want to thank you, all members, for placing your trust in me in guiding the society this past year. I look forward to serving you as Past President under the guidance of Jon Downton this coming year.

FRANÇOIS AUBIN
President

Vice President

Over the past year I have had a chance to learn about some of the society's myriad activities under the guidance of our current president François Aubin and past president Doug Bogstie. To both I am grateful for their guidance and tutelage to prepare me for my upcoming role.

Canadian Federation of Earth Sciences (CFES)

Doug Bogstie has been the society's representative to the Canadian Federation of Earth Sciences (CFES) but passed the torch on to me at the semi-annual meeting in October 2008 in Banff. The CFES is an umbrella organization of 15 geoscience and academic societies which the CSEG belongs to. It provides the CSEG an opportunity to coordinate efforts, trade experiences and learn from other similar societies. In September 2008 the CFES released a survey called "Human Resources Needs in the Earth Sciences in Canada" which pointed out that the geosciences are experiencing similar demographic trends as identified in our own internal surveys. *Note: Susan Eaton has written an article in the March RECORDER discussing some of the implications of this survey.* The broad trends identified in this report were recognized a number of years ago with one of the consequences being that the CSEG put a major effort into Outreach to attract more young people to the profession of geophysics. However, about a year ago it was observed that new geoscience graduates were having a difficult time securing their first job and were leaving for other industries. This seems a shame given the potential for

retirements in our profession and the effort we as a society have put in trying to attract younger people to geophysics. Various member organizations of the CFES recognized this trend and as a result the CFES set up a subcommittee to investigate the seriousness of these problems and (develop) strategies to address them. This seems all the more important as the economic climate continues to worsen. The CSEG is represented on this committee by Carol Laws, Anne Halladay and myself.

Chief Geophysicists Forum

Some nine years ago the Chief Geophysicists Forum (CGF) was created to identify and discuss various issues relevant to major oil companies. Over the years representatives from smaller oil companies have been invited to join. The Forum is a place to discuss regulatory and administrative issues relating to geophysics that impact small and large oil companies. Over the last year there have been presentations given by the CAGC on regulations being lobbied to Ottawa that will impact the seismic acquisition industry, by CAPP on their organization and structure, discussions around the handling of data library seismic, and the safety certification of Geophysical Contractors. APEGGA, represented by Tom Sneddon, has given regular updates on geophysical matters such as the impending change from 'Professional Geophysicist' designation to the 'Professional Geoscientist' designation.

Various other groups have presented to this Forum on relevant topics such as the

DoodleTrain (education), the CFES subcommittee on retaining geophysics graduates in the oil industry, and the University of Calgary (Don Lawton) on their new geophysical training center. Throughout most of the past year Darren Kondrat ably chaired the Forum with Barrie Jose taking over in March. For more information about this committee, contact Barrie Jose or Chris Szelewski, the forum's secretary.

Joint Annual Convention Committee (JACC)

The Joint Annual Convention Committee organizes upcoming conventions on behalf of the CSEG, CSPG and CWLS. It is responsible for selecting the co-chairs and assists in the selection of the technical co-chairs for conventions up to three years in the future. It works with our professional staff and co-chairs, is responsible for the financial well being of the convention, and assists in defining the roles of the professional staff versus the volunteers. The CSEG has three representatives on this committee, Rob McGrory, Jeff Bectold and Andrea Hood. At the end of this year Jeff Bectold has decided to retire from the committee and we thank him for his services. Laurie Ross has agreed to replace him.

I look forward to serving you in the coming year. Please come to me with your concerns, ideas and any offers of help. Given the current economic conditions, next year promises to be a challenging and interesting year!

JON DOWNTON
Vice President

Director of Educational Services

For the past year I have been your volunteer Director of Educational Services for the CSEG.

In March I will be passing over my duties to Incoming Director, Jennifer Leslie-Panek. It has been a pleasure working with her, along with the rest of the volunteers in our committees, in fulfilling the Educational Services role over the past year.

CSEG Educational Services committees provide many avenues around which continuing education, knowledge sharing, personal interaction, and camaraderie amongst the entire national membership can occur.

One aspect of Educational Services is the monthly CSEG Technical Luncheon. Over the past year I believe we have fulfilled our goal in bringing the CSEG membership talks that were both informative and interesting. Several of the talks were of the 'case study' kind, integrating Geophysical methods, be it acquisition/processing/interpretation, with Geological and/or Engineering challenges. The talks came from exploration companies both big and small, as well as from processing and acquisition companies. We also hosted a successful joint CSEG/CSPG luncheon that we hope to make an annual event.

I would like to thank all the speakers this past year who made the luncheons a great event for all to mingle with colleagues, have a good meal, and learn about a wide variety of topics of interest to the geophysical community.

Most talks are recorded and available on the CSEG website. Thanks to Marc Boulet and Brad Camroux for their efforts in this regard, and Corey Hooge for his work on this, and all things web related with respect to Educational Services. We have initiated online ticket purchase, and will soon have in place online ticket printing to go along with this service, making the process of attending the luncheons more convenient for many. Thank-you also goes out to Larry Mewhort and David Emery for their work on the graphics at the luncheons.

Many thanks go to our Student Luncheon Ticket Sponsors, whose names we post during every luncheon.

This past year's recipient of "Best CSEG Technical Luncheon Presentation" is awarded to Lee Hunt and Jon Downton for their talk "Interpolation, PSTM, & AVO for Viking and Nisku targets in West Central Alberta". Honourable Mention goes to Laurie Bellman for her talk "Oil Sands Reservoir Characterization A Case Study at Nexen/Opti Long Lake" and to Gerhard Pratt for his CSEG DL talk "What else can the seismic waveform tell us?"

It was a tough decision as so many of the talks this year were outstanding, as rated by attendee evaluation forms and our committee. Again, a huge thank-you to all participants at the CSEG Technical Luncheons.

We have a great upcoming line-up for 2009. I invite you all to continue attending and participating in these Technical Luncheons, which are provided for your benefit by your society.

LunchBox Geophysics, run by Julie Latter along with Henning Kuehl and Mary Lee, held a series of Geophysics presentations in Calgary throughout the year. The 'bring your own lunch' presentations are free, and have been widely successful in bringing in speakers on specific topics of interest to the Geophysics community.

The LunchBox Geophysics committee welcomes all interested parties to submit their ideas for these informal talks to the industry.

The 2008 CSPG CSEG CWLS Joint Convention, themed "Back to Exploration", once again offered a wide array of oral and poster presentations, workshops, and course learnings presented by CSEG's Education Services. Many special events happen during the Convention, including two Luncheons featuring Rick Mercer of CBC's Mercer Report and Peter Tertzakian, author of "A Thousand Barrels a Second". The Convention is separately organized and chaired by a Joint Association Committee,

on which Tooney Fink and Ken Hedlin of the CSEG sat as General Co-Chair and Technical Co-Chair respectively. Their efforts and all the Convention volunteers' work is greatly appreciated. As well, this national event only happens with the huge support of the Industry Sponsors.

Several Awards are given for the Technical program of the Convention. This year's Best Geophysical Oral Presentation went to "Microseismic Monitoring of a Multi-Stage Hydraulic Fracture in the Bakken Formation, SE Saskatchewan", Rob Kendall. Best Geophysical Poster went to "Athabasca Oil Sands Exploration and Development Investigation using the Helicopterborne Transient Electromagnetic Technique", Douglas McConnell* and Ted Glenn. Best Student Geophysical Oral Presentation went to "Petrophysical and Seismic Signature of a Heavy Oil Sand Reservoir: Manitou Lake, Saskatchewan", Maria Quijada* and Robert Stewart. Best Student Geophysical Poster went to "Low-Cost Continuous Seismic Acquisition Solution Utilizing Open-Source Software", Glenn Chubak* and Igor Morozov. A full list of past and present recipients of all the Convention Awards can be found on the CSEG website.

The Distinguished Lecture Tour is a well recognized Geophysical presentation that once again traveled the country over the past year. This year's DL is Dr. Ron M. Clowes lecturing on "A New View of the Continent Beneath Our Feet – LITHOPROBE's Scientific, Economic and Social Contributions". Special thanks goes to Igor Morozov who heads up the DL committee. The DL tour is run by the CSEG Foundation.

The SEG/EAGE Distinguished Instructor Short Course for '08 was presented by William Abriel on the topic of "Reservoir Geophysics". This course is brought to Calgary by the CSEG.

Outreach, under Annette Milbradt (formerly under Helen Isaac) performed an outstanding service to the CSEG in educating and promoting Geophysics to the community at large. Volunteers with Outreach worked on several initiatives,

Director of Educational Services (con't)

either on their own or in conjunction with other committees and societies. The projects include Kids in Science (KISP), Seismic in Motion (SIM), Junior Geophysicists Forum (JGF), University Student Outreach (USO), High School Outreach, Career Fairs, Geoscience Honourary Address, and general Public Outreach.

The Outreach sponsored program "Seismic in Motion for Students" was awarded the Lighthouse Award from the Calgary Board of Education, honouring organizations that have made significant contributions to schools and students. This award is an indication of the superb effort made by this committee in all aspects of Outreach for the CSEG.

Education Services is presently hoping to renew the Continuing Education committee in its work of presenting educational opportunities to the membership.

DoodleTrain '08 was again organized by Bill Nickerson, the originator of this annual premier continuing education event. Top of the line instructors got together in Calgary for one week to present a wide variety of relevant courses to the Geophysics community. This year 380 people attended 23 courses during the week of November 3-7. Numbers were down slightly from last year, but the training was well received and a few students came to attend from as far away as Norway. Thanks are due to the DoodleTrain committee volunteers

as well as cash and venue sponsors who make this event possible. This years committee was made up of Andy Dyke, Joanna Cooper, Mary Lee, Megan Jubb, David Feuchtwanger, John Fernando, Brian Hoffe, John Logel, Melissa Schmitz and Bill Nickerson.

My hope once again is that everyone in the Geophysics community in Canada will become a member of the CSEG and will Volunteer, Participate, Attend, and Enjoy all the events and services provided by the society. Information about all the Educational Services provided by the CSEG can be found under Education and Events at cseg.ca.

PETRA BUZIAK
Director Educational Services

Director of Member Services

It's that time of year again, where the members of the Executive and other numerous committees of the CSEG reflect on 2008 and summarize the events that took place.

From a Member's Services perspective, 2008 proved to be a great year. With around 40 corporate members and with individual membership ringing in at just over 2200, our society is proudly expanding annually. With new initiatives and ideas being set forward, this trend is expected to continue in 2009.

The DoodleSpiel, Ski Spree and Doodlebug are three very popular social functions that fall under the Member Services umbrella, and although more detailed event summaries are included in this report by each above-mentioned committee, I would like to comment on each one very briefly.

To no surprise, the Ski Spree enjoyed yet another successful year, with registrations pouring in to capacity very quickly. Families descended on Fairmont in February for the 41st time, for a weekend of laughs, dining, entertainment, and clean competition. At the end of the weekend, many vowed to return in 2009, thereby ensuring registrations would fill quickly yet again. Thanks to Patrick Tutty and his recruits for organizing 2008's skiing festivity.

Members were sliding, stumbling, and sweeping down the ice at 2008's 36th annual DoodleSpiel in scenic Banff. The DoodleSpiel is

yet another social event that is very popular and hence fills up very quickly. Events from the weekend are always guaranteed to be told for weeks around the office, and a big thanks goes to Morgan Steeves and his team of 'soofers' for organizing this popular, fun, and great event.

The last of the Doodle events is the society's annual golf tournament, the Doodlebug. 2008 marked the 56th time this event has been held and again, Jasper Park Lodge hosted our members to a weekend of great golf games, great food, and great company. Marty Sommerville and his caddies deserve a round of applause for their work, much thanks!

These three events could definitely not have taken place without all the countless hours put forth by all the volunteers on these committees, as well as those volunteers that enrich all the other committees within the CSEG. To thank everyone for all their work that keeps the CSEG engine running smoothly, Member Services organized a **Volunteer Appreciation Event** in February 2008, to thank all the (120+!) volunteers of 2008. As I had just begun my maternity leave I personally could not attend the event, however I would like to take this opportunity now to send a big thank you to all the volunteers of the CSEG, those of the past, those of the present, and those of the future!

MARZENA FEUCHTWANGER
Director of Member Services

Director of Communications

I started volunteering for the CSEG in the early eighties, filling several positions in the executive committee and also participating in all Annual Conventions as technical chair (2000), as session chair or by delivering presentations. Some of my best volunteering memories are related to the year I served as Second Vice-President (1993) (now Educational Services), under President Bill Davitt, when I received the Meritorious Service Award (1998), and then when I had the honour to be your first ever CSEG Distinguished Lecturer (2006). I like volunteering and I suggest to you to try it at least once in your professional career. This April, my two years of volunteering in "Communications" as a member of the CSEG Executive Committee comes to an end.

During my recent volunteering work I made new geophysicist friends and met some older ones, retracing our paths through the industry and sharing news about our families in Calgary. As Assistant Director of Communications, helping Susan Thomson and then as a Director of Communications, I served under two excellent professionals and dedicated CSEG presidents: Doug Bogstie and François Aubin.

2008 was a challenging year as I was conducting CSEG business from St. John's, Newfoundland and Labrador, where I was an Associate Professor at Memorial University. My participation in committee meetings was either by conference call or during my numerous trips to Calgary. It was a strange

situation, but my position at Memorial gave me the chance to better know the region's geophysical community and helped me promote the goals of our Society in Atlantic Canada, especially among the university students.

During the past year, the RECORDER under the leadership of Satinder Chopra, has maintained its high standards and continued to excellently represent the technical, professional and social aspects of our geophysical society. An improvement in this publication was to introduce during the year a new section promoting peer reviewed papers authored by Canadian or foreign geophysicists. The CSEG website has become much more flexible and informative and includes many on-line features, allowing the membership to keep track of all CSEG activities and to execute payments or changes of status. We need to thank Corey, Jim and Sheryl who were involved in the process of modernizing the website and building various databases. If you have not done it yet, please access our website at www.cseg.ca and always update your personal information so we can maintain our two-way communication!

I leave the position of the Director of Communications with good feelings about our committee achievements in the area of communications, wisely guiding the RECORDER, the CSEG website, and passing the torch into very capable hands—Carol Laws—who I greatly admire both as a professional and a skilful volunteer.

My last duty, together with Carol, is to announce the winners of the CSEG 2008 Best RECORDER Paper Awards recipients:

1. Best RECORDER Paper:

"Strange but True Stories of Synthetic Seismograms" by Paul Anderson and Rachel Newrick, CSEG RECORDER, December 2008.

2. Honourable Mention

"Calibrated AVO and LMR analysis using a new DHI flat-spot AVO class 6 fluid contact to mitigate reservoir risk at Stonehouse, offshore Nova Scotia" by Bill Goodway, Chris Szelewski, Steve Overell, Norm Corbett and Terry Skrypnik, CSEG RECORDER, October 2008.

3. Honourable Mention

"Empirical Mode Decomposition (EMD) of potential field data: airborne gravity data as an example" by Hassan H. Hassan and John W. Peirce, CSEG RECORDER, January 2008.

These awards will be presented at the April, 2009 CSEG Technical Luncheon. Congratulations to the award winners and many thanks to all who sent papers, articles and notes to the RECORDER.

I would like to thank you again for the opportunity to serve in the CSEG Executive Committee.

MICHAEL ENACHESCU
Director, Communications

Director of Finance

"The economic world is in turmoil" and predictions for the future vary from "cautiously optimistic" to "a dire depression", depending on which pundit you happen to be listening to at the time. Regardless, the news is not encouraging.

Amongst the confusion, the CSEG sits as a bright and shining star, fueled by a strong membership commitment of volunteers and support staff. During 2008, Society revenues and expenses were very close to what were budgeted, and we remain financially healthy into 2009. The major sources of revenue for the society were the joint CSPG/CSEG technical convention, the DoodleTrain, RECORDER advertising and membership fees. The major expenses for the society were the Foundation, operations and administration, RECORDER, technical luncheons and the DoodleTrain. All in all, our plans for a zero-gain budget were met.

The final task of the departing Director of Finance is the creation and implementation of the Budget for the following year. I would be lying if I said I was optimistic about the near-term economic outlook for our industry, but I am confident about the ability of the incoming executive to manage the

Society's finances in a responsible manner consistent with the times. Our 2009 budget reflects realistic adjustments for the upcoming "expected" reality, and it will be up to the new executive to monitor the finances closely to ensure that the Society's finances remain in top shape. As a Society, we have managed to maintain a comfortable level of rainy-day reserve funds to ensure that we can weather these major storms.

As a departing gesture of gratitude, I would like to thank Jim and Sheryl in the CSEG office – the two steadfast employees of the Society, and Spryng of Associations Plus who manages our books, for jobs well done. Too often we overlook their valuable contribution to the day-to-day running of the Society. As well, I welcome Brock Hassell as the incoming Finance Director and wish him the best of luck managing this year's finances. Thanks to François' excellent leadership of the 2008 executive and Jon's abilities to continue the leadership into 2009, I feel that the Society is in good hands in what could be very challenging times to come.

LARRY HERD
Director of Finance

Managing Director

Another successful convention and DoodleTrain, as well as the implementation of online member services, have highlighted a year of continued growth for the CSEG. All of this positive activity has again placed the CSEG in a position to be able to provide funds and first rate service to its many committees and ensuring the benefits of membership are not only being maintained but enhanced.

- The 2008 convention was another resounding success that saw 4500 plus delegates gather for a week of high-end presentations, workshops and continuing education courses.
- The DoodleTrain's overall attendance was down from previous years, however 21 courses were provided and it still is considered a significant revenue stream for the CSEG. The DoodleTrain also hired a company to administer their online registrations, where 53% of registrants enrolled online.

- For the third year the CSEG elections were held online and voter participation increased to 34% of eligible voters participating.
- The CSEG continued to use a portion of its surplus to help fund the CSEG Foundation corpus. The CSEG to date has been the largest contributor to the Foundation, donating close to half a million dollars.
- The CSEG purchased new membership database software to enable members to go on line to update their profiles, renew memberships and purchase luncheon tickets. The system has appeared to work well and has met most of the expectations we had. As time goes on there will be fine tuning involved but it has been welcomed as a long overdue service.

The CSEG is very cognizant of the economic downturn and its 2009 budget is reflective of this. The CSEG is

determined to support its many programs at or near the levels it has in the past for 2009. Going past this year the CSEG will closely monitor the situation, as we all are, and make adjustments where necessary. It is our mandate to provide service, but that service may have to be closely scrutinized if the economic downturn continues.

In closing I would again like to thank our executive for their support over the past year. Their commitment, along with the many volunteers serving on our committees, is the lifeblood of the CSEG and is unique among technical and professional societies in today's world. As our industry and the financial environment changes it is our commitment to the membership to "roll with the punches" and do our best as staff to serve our society.

JIM RACETTE
Managing Director

Outreach

The Outreach Committee had another busy and rewarding year in 2008. Our members continue to deliver on our mandate to promote awareness and raise the profile of the science of geophysics and the CSEG. A big pat on the back to Alex Wright, Anne Halladay, Annette Milbradt, Bob Parker, Brad Camroux, Brian Gamble, Brian Russell, Candace Bruins, Carmen Swallow, Dan Perez, Doug Colvin, Hassan Odhwani, Helen Isaac, Jane Ling, Jennifer Leslie-Panek, Jessie Arthur, Jim Racette, Joel Kotkas, Joseph Chow, Karen Chong, Katarina Rothe, Kathryn Welsh, Les Corper, Lori Barth, Marc Boulet, Mark Lane, Matt Ng, Michelle Gould, Nanna Eliuk, Paul Hausmanis, Perry Kotkas, Peter Sung, Petra Buziak, Phil Butler, Pratt Bardollar, Rachel Newrick, Sharon Gray, Shawn Ali, Sheryl Meggeson, Stacey Perilli, Stephen Kotkas, Tammy Yu, Tannis McCartney, Tim Wardell, and Tina Bozic. Your time and efforts are appreciated! Thank you to the following companies who allowed their employees to volunteer for our Outreach initiatives: Arc Resources, Arcis, BP, CGGVeritas, CNRL, Compton, CSEG, Darian Resources, Divestco, EnCana, GEDCO, Kelman, Kinetex, Petro-Canada, Shell, Sigma, Talisman, U of Calgary.

Outlined below are some of last year's Outreach initiatives and the people who help make them happen.

Schools/Student Outreach & Public Outreach

Chairs: Helen Isaac / Perry Kotkas

Perry moved from chairing Schools Outreach to Public Outreach, and Helen moved from Outreach Chair to Schools Outreach Chair. Their efforts and enthusiasm had a big impact on raising awareness of geophysics to students, schools, and the public.

- **Career & education fairs**
Outreach committee members attended 12 education and career fairs in Calgary, Vancouver, Kelowna, Edmonton, Devon, Saskatoon, Regina, Winnipeg, two Calgary high schools, a Career Practitioners conference in Edmonton, and the U of C Science & Engineering Fair.

- **In-school presentations**
We made Careers in Geophysics and Geophysical Technology presentations at four schools in Calgary and Cochrane. Students really enjoyed creating pseudo-earthquakes that were monitored by SeisMac software on our MacBook. School presenters were Petra & Joseph, Mark & Jessie, Helen, and Perry.
- **Kids In Science Program (KISP)**
Project Manager: Pratt Bardollar
Organizing committee (CSEG): Hassan, Annette

KISP Guides & Hosts: See the report by the C3GEO Joint Convention committee

KISP hosted 168 students in Grades 7-9 from Our Lady of Peace and Sir John Franklin Junior High Schools on the exhibit floor at the convention. This is a joint initiative with the Burgess Shale Foundation, CSPG, and APEGGA.
- **Seismic in Motion for Students (SIMfS)**
Guide coordinator: Annette
In-school presentations: Mark, Pratt, Annette
SIMfS guides: Bob, Helen, Mark, Pratt, Stacey, Tina
CSEG booth: Annette

CSEG Outreach was honoured to receive the Calgary Board of Education's Lighthouse award in November 2008 for *Seismic in Motion for Students (SIMfS)*, which was held in October. This award is the highest given by the CBE to a corporate partner and only 10 partners out of 500 receive this in a year.

We appreciate the support of SIMfS sponsors: Chevron, CNRL, ConocoPhillips, EnCana, Enerplus, Nexen, Paramount Energy Trust, Petro-Canada, Storm, Talisman at \$1,000 each and Paramount Resources and Sigma at \$500 each.

- **Exhibits & other Outreach booth opportunities**
Outreachers also took the CSEG booth to the Western Inter-University Geoscience Conference

(WIUGC), U of C Campus Fair, Atlantic Universities Geological Conference (AUGC), the Jubilee Auditorium lobby at the evening Honorary Address, and the Alberta Science Teachers conference.

- **Outreach Materials**
Our booth consists of a pop-up CSEG banner with screen, MacBook with SeisMac software and projector, as well as cut-away P-wave geophones. We use the following resources: Careers in Geophysics and Careers in Geophysical Technology brochures, sister organization careers info from CAGC and CSPG, university and college program info, teacher & career practitioner resources, our new voice-over Careers PowerPoint on CD, membership applications, and our standardized "Careers in Geophysics" and "What is Geophysics" PPT presentations.

University Student Outreach (USO) Subcommittee

Co-Chairs: Anne Halladay and Stephen Kotkas
Subcommittee members: Brad, Brian, Dan, Jane, Jessie, Joel, Karen, Kathryn, Lori, Matt, Michelle, Paul, Peter, Phil, Shawn, Tammy

Under Anne and Stephen's energetic leadership, we ramped up our Outreach programs to post-secondary students. USO activities included sponsoring and attending two undergrad conferences, sponsoring Best Geophysical Paper awards at two undergrad conferences, increasing e-mail and newsletter communications with students, making connections between students and the Scholarship committee, establishing a student presence at the convention with a student area, activities and a student-industry reception, and helping to deliver Geoskills 2008 for university students and junior geophysicists. We would like to recognize and thank Talisman for their sponsorship of 2008 student memberships.

Junior Geophysicists Forum (JGF)

Chairs: Carmen Swallow
Subcommittee members: Doug, Katarina, Nanna, Sharon, Tannis, Tim

Outreach (con't)

The Junior Geophysicists Forum took place on June 18th. This informal mixer was a great opportunity for junior geophysicists and student geophysicists to network with established geophysicists. Perry Kotkas spoke on seismic acquisition and brought some great photos on equipment getting stuck in unpredictable field environments. Thanks to the JGF organizing committee and JGF sponsors: Apache Canada, Devon Energy, BG Group, Canadian Natural Resources Limited, Compton Petroleum Corporation, EnCana, Husky Energy, Penn West Energy Trust, Petro-Canada, Suncor Energy and Talisman Energy Inc

Challenge Bowl

Chair: Brian Russell

Helpers: Mark, Annette, Helen

Many boisterous student fans cheered on the teams at the Challenge Bowl at the C3GEO convention. Brian Russell was the organizer and Peter Duncan was the lively MC. Unlike last year, this year was a Western Canadian final. Thanks to all of the competing teams for their participation. They were very evenly matched, which made for some exciting elimination rounds. Congratulations to U of C students, Maria Quijada and Jason McCrank, who won the all-expenses paid trip to the SEG convention in Las Vegas. After making it

through the elimination round, they eventually went on to win the SEG International Challenge Bowl.

Honorary Address (HA)

Co-chair: Alex Wright (CSEG) and Linden Achen (CSPG)

Committee members (CSEG): Stephen, Stacey, Annette, Penny Colton
The 2008 Honorary Address took place at the Jubilee Auditorium on October 28th. "The Science of Big Wave Surfing" featured world renowned big wave surfer Jeff Clark and U of C Associate Professor in geology, Dr. Stephen Hubbard. The two speakers did a good job of connecting the concepts from each other's talks. Close to 2,000 junior high school students enjoyed the afternoon session. The evening session was open to the public and about 1,000 tickets were pre-sold, with additional admissions sold at the door. The Honorary Address is presented by the CSPG in partnership with CSEG, APEGGA, and the CSPG Educational Trust Fund.

Ambassadors

Ambassadors are CSEG representatives in cities across Canada and internationally. Their mandate is to enhance our national status and representation, raise student awareness of our profession, raise awareness of our

profession with the public, and coordinate with other organizations. This program has stalled as we are looking for a new Chair for this subcommittee. In the meantime, interested Outreach members will take advantage of any ad hoc Ambassador opportunities. Stay tuned as this program gears up in 2009.

Other Organizations

Outreach members liaise with other organizations and share outreach and education ideas and resources: CSPG, APEGGA, Petroleum Industry Career Communications Committee (PICC), Canadian Federation of Earth Sciences (CFES), and the Canadian Geoscience Education Network (CGEN). We continue to support the great initiatives at the Canmore Geoscience Centre and Museum.

Our plan is to move Outreach operations under the CSEG Foundation umbrella over the next year. We expect to have the same or higher level of activity in 2009. We're always looking for enthusiastic and energetic volunteers interested in our activities.

HELEN ISAAC

Chair – January to June 2008

ANNETTE MILBRADT

Chair – July to December 2008

The CSEG Foundation

The CSEG Foundation was established with a mandate:

- (a) to establish programs supporting education in geophysics and the earth sciences;
- (b) to support post secondary education in geophysics and the earth sciences, including the establishment and continuation of the Canadian Society of Exploration Geophysicists scholarship programs;
- (c) to support continuing education of geophysicists through the development of courses relating to developing technology, publications relating to the geosciences and by establishing education programs;
- (d) to support scientific activities by providing funding of academic research programs;
- (e) to develop and support non-profit programs designed to further the development of geophysical techniques aimed at improvements in geophysical applications in the earth sciences;
- (f) to support the preservation of the history of geophysical exploration;

- (g) and to support the business application of geophysics as defined in the mandate of the Canadian Society of Exploration Geophysicists.

The chairman of the committee is Brian Russell and committee members include Bill Goodway, Perry Kotkas, Jessica McPherson, Dennis Melrose, Neil Rutherford, and the President of CSEG, François Aubin. The CSEG Foundation includes the CSEG Scholarship committee and their activity is described in a separate report.

Thanks to generous donations by the CSEG executive and to individuals such as Jesse Marion, I am pleased to announce that at the end of 2008 our corpus has grown to approximately \$650,000 from which we plan to disburse approximately \$26,000 annually, in addition to our ongoing scholarship funding from generous industry donors. We have already been able to fund a number of such worthy projects, such as the Challenge Bowl, the CSEG Distinguished Lecture tour and Alberta GeoSkills.

Please feel free to get in touch with any of our board members for more information.

BRIAN RUSSELL
Chair

Scholarship

In 2008 the CSEG Scholarship Committee continued to grow our donor base and maintain a considerable level of awards to deserving students across Canada. The committee solicited and received funding from 27 Calgary based oil and gas companies, service companies and individuals to grant scholarships in the amount of \$2000 to 23 students from universities across Canada. Over the past few years we have seen a trend towards more scholarships being issued to students from universities outside Alberta. This is due in part to the decrease of applications from both University of Alberta and University of Calgary coupled with an increase of

applications from other provinces. This is a testament to our success in advertising these awards at Universities, but leaves us with room for improvement in capturing a larger number of complete applications. Each year the committee sends a letter and poster to the geosciences department at each Canadian university soliciting applications from both undergraduate and graduate students. We encourage staff, students and alumni of all Canadian universities to promote the CSEG Foundation and the annual scholarships.

Scholarship recipients for the 2008/2009 academic year were notified and awards

forwarded to their respective universities in October. As reported in previous years, we continue to be faced with the challenge created by consolidation of companies in the Calgary oil and gas business. This evolution of the oil and gas sector will continue in earnest in 2009, making the search for new funding the foremost priority for the Scholarship Committee. That being said, we are honoured by the reliable support of several donors who every year continue their generous support of our program. Funding a scholarship is an excellent way to give back to the community and encourage talented students to become engaged in the oil and gas industry.

Scholarship (con't)

2008 CSEG Scholarship Winners and Donors

Kevin Bianchini, U of A
Apoterra Seismic Processing Ltd.

Raymond Caron, Carleton
Arcis Corporation

Alexander Duxbury, Carleton
Bob Won Trust Fund

Natalya Gomez, U of T
Boyd PetroSearch / OYO GeoSpace Canada Inc.

Kenny Kocon, U of A
Canadian Natural Resources Inc.

Jessa-Lyn Langroix, U of A
Hampson-Russell Software Services Ltd.

Dennis Rippe, U of A
Chris Elms Trust Fund

Jane Simmons, UNB
Devon Canada Corporation

Brendan Smithyman, UBC
Anonymous Donor

Joshua Ulla, Carleton
EOG Resources Canada Ltd.

Heather Connory, U of T
GEDCO / Sensor Geophysical Ltd.

Madeline Lee, McMaster
Divestco Inc.

Tiffany Piercey, MUN
Kelman Technologies Inc.

Patrick van-Kooten, Queens
Larry Lines / CSEG Foundation

Johnathan Rigg, Waterloo
Popilchak Trust Fund

Jeff Samson, U of A
Pulse Data Inc.

Juipeng Yan, UBC
Sigma Exploration Inc. / Pengrowth Energy Trust

Clinton Keller, U of S
Zokero Inc.

Shannon McCabe, U of C
Suncor Energy Foundation

Ryan Segstro, U of C
Penn West Energy Trust

Junwei Huang, U of T
EnCana Corporation

Jennifer Fohring, UBC
Nexen

Conrad Koziol, UBC
Matrix Geoservices Ltd.

2008 CSEG Scholarship Committee

Warren Pearson, Pradera Resources Inc.
Chairman

Jessica McPherson, EnCana Corporation
Senior Trustee

Dennis Melrose, Nexen Inc.
Junior Trustee

2009 CSEG Scholarship Committee

Jessica McPherson, EnCana Corporation
Chairman

Dennis Melrose, Nexen Inc.
Senior Trustee

Hassan Odhwani, Divestco Processing
Junior Trustee

2009 Scholarship Donors

Anonymous Donor	\$2000
Apoterra	\$2000
Arcis Corporation	\$2000
Boyd Petrosearch	\$1000
Canadian Natural Resources Ltd.	\$2000
Devon Canada	\$2000
Divestco	\$2000
EnCana Corporation	\$2000
EOG Canada	\$2000
GEDCO	\$1000
Hampson – Russell	\$2000
Kelman	\$2000
Larry Lines	\$500
Matrix Geoscience	\$2000
Nexen Inc.	\$2000
OYO	\$1000
Pengrowth Energy Trust	\$500
Penn West Energy Trust	\$2000
Pulse Data	\$2000
Seisland Surveys	\$500
Sensor Geophysical	\$1000
Sigma Explorations Inc	\$1000
Suncor Energy	\$2000
Zokero Inc.	\$2000
Total	\$38,500

Contributions from the Chris Elms Trust Fund, Ted Popilchak Trust Fund, Bob Won Memorial Trust Fund, and the CSEG Foundation brought the total to \$46,000.

WARREN PEARSON
Chair

CSEG / CSPG / CWLS National Joint Convention – C3GEO Back To Exploration

The theme of the 2008 Joint Convention, Back To Exploration, reflected a direction for our industry in response to external challenges in our business environment. By the time the convention rolled around on May 12-15, 2008, the Canadian Energy Industry found itself facing changes from the Federal Government in respect to Royalty Trusts, changes from the Alberta Government in the form of increased royalty rates, hyper-inflation of operating and capital costs, plus a chronically weak North American gas price. A component of many companies "re-invention" included a move "Back To Exploration".

In this environment creativity is required, so in spite of the fiscal uncertainty our peers showed up in record numbers at the 2008 C3GEO. In fact, this convention broke records across the board; including the highest number of delegates (4921), largest number of technical presentations (302), record number of exhibitors (130), and greatest total revenue (\$1.06 MM)(excluding continuing education funds). Our convention remains one of the four largest global gatherings for geoscientists in the energy industry.

The continuing high quality of this convention is a result of, and dependant on, a large number of society members who volunteer as well as a couple of full time staff assigned to this event. Planning for this C3GEO began early in the summer of 2008, and the members of the Organizing Committee along with over 60 session chairs and over 90 student volunteers, dedicated hours of their time to bring the Convention to fruition. For 2008 we were 12 Committees with 90 Volunteers (62 Of which were Technical Session chairs), while another 90 students helped with on site support and package pick up.

On the fiscal front, the 2008 convention delivered a profit of \$390,000 to the CSEG. On the basis of strong registration, keen exhibitors and generous sponsorship, total revenue was \$1,926,292 which was used to fund the event with total expenditures of \$900,853; producing a good profit for the sponsoring technical societies.

The technical program consisted of 302 presentations. These included 202 oral and 77 poster and 23 core presentations. From Monday through Wednesday there were 7 simultaneous sessions taking place in the Roundup Centre, while core presentations took place on Wednesday and Thursday at the EUB Core Labs. Following the "Back to Exploration" theme, there were four sessions on Frontiers and a session on new trends in exploration.

2008 was the International Year of the Planet Earth and was the focus of two sessions. The talks covered a variety of topics including geohazard monitoring (tectonic and extraterrestrial) and environmental issues. The economic session provided a perspective on the changing nature of our business. Geosequestration of CO₂ proved to be a popular topic as did the sessions related to unconventional gas. Feedback indicated that overall, the quality of the oral talks was very good. Full four page abstracts were encouraged, and the quality of the abstracts was excellent, providing a memorable legacy of the technical program.

Following on success of the 2008 convention, the poster sessions were again held on the exhibit floor and provided a mid-morning break between the oral talks. Delegates, exhibitors, and presenters were able to interact in one central area, and feedback indicated the quality of the posters were very good. The 2008 CSEG technical program has affirmed once again that home grown geophysical innovation occupies a lofty perch on the world stage.

Some constructive innovations introduced this year to make the Convention bigger and better included:

- 2 great convention luncheon speakers, Rick Mercer and Peter Tertzakian, who gave delegates an interesting and informative midday break on Monday and Tuesday.
- complimentary 'grab and go' bagged lunches on the Exhibit Floor for delegates.
- introduction of Field Equipment into the corral as an 'extension' to the Exhibit Floor.

- pre-taping the Core conference presentations on Tuesday and showing them in a running loop in two theatres at the ERCB.
- a Student/Industry night combined with the 3rd Annual CSEG Challenge Bowl at the convention venue, creating a great showcase for these events. In fact, the Challenge Bowl winners from Calgary went on to win the Challenge Bowl at the SEG meeting in Las Vegas.
- revamped student awards program to encourage technical contributions from younger delegates.

The Technical Award Winners were as follows:

1. **Best Geological Oral Presentation**
Impact of Shale Heterogeneity Upon Gas Storage Potential and Deliverability: Examples from Jurassic and Devonian/Mississippian Shale Gas Reservoirs
Daniel Ross and R. Marc Bustin*
2. **Best Geological Poster**
Counter Point Bars: Morphology, Lithofacies and Reservoir Significance of a Newly Recognized Sedimentary Deposit in Large Modern Meandering Rivers and the McMurray Oil Sands
*Derald G. Smith**
3. **Best Geological Abstract**
Centrifuge Simulations of the Interaction between Folding, Faulting and Diapirism during Regional Extension
Lyal Harris, Benjamin Carlier, Audrey Lessard-Fontaine, Elena Konstantinovskaya, Jimmy Poulin, Adrien Handschuh, Eric Johnson, Nichola Thomas and Sylvie Daniel*
4. **Best Student Geological Oral Presentation, Andrew Baillie Winner**
Reading the Rocks and Fluids to Design Geotailored and Geotolerant Strategies for Heavy Oil and Bitumen Recovery: The Need for High Resolution fluid mobility logs
Jennifer Adams, Steve Larter, Ian Gates, Haiping Huang and Barry Bennett*

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| <p>5. Runner-up Student Geological Oral Presentation
Tracing the Fate of Injected CO₂ during Enhanced Oil Recovery using Stable Isotope Techniques
<i>Gareth Johnson*, Mark Raistrick, Bernhard Mayer, Steve Taylor, Maurice Shevalier, Michael Nightingale and Ian Hutcheon</i></p> | <p>10. Best Geophysical Abstract
Interpolation, PSTM, AVO, and a Thin Gas Charged Viking Shoreface in West Central Alberta
<i>Lee Hunt*, Scott Hadley, Mark Hadley, Jon Downton and Bashir Durrani</i></p> | <p>Heterogeneity Scales - An Application on Gas Hydrate Reservoirs
<i>Jun-Wei Huang* and Bernd Milkereit</i></p> |
| <p>6. Best Student Geological Poster
Pre-rift Labrador Shelf carbonates, Hopedale Basin: Diagenetic Implications and Age Assessment
<i>Stephen Schwartz*</i></p> | <p>11. Best Student Geophysical Oral Presentation
Petrophysical and Seismic Signature of a Heavy Oil Sand Reservoir: Manitou Lake, Saskatchewan
<i>Maria Quijada* and Robert Stewart</i></p> | <p>15. Best Petrophysical Oral Presentation
The Unexpected Should Not Be Unexplained - Multidisciplinary Integration Including Anomalous Data
<i>Jean-Yves Chatellier*, Giancarlo Giampaoli, Judith de Narváez and Bob Menard</i></p> |
| <p>7. Runner-up Student Geological Poster
Reading the Rocks and Fluids to Design Geotailored and Geotolerant Strategies for Heavy oil and Bitumen Recovery: The need for High Resolution Fluid Mobility Logs
<i>Jennifer Adams*, Steve Larter, Ian Gates, Haiping Huang, Barry Bennett</i></p> | <p>12. Runner-up Student Geophysical Oral Presentation
Frequency-Domain Waveform Tomography in the Foothills: Velocity Model Estimation with Synthetic Long-Offset Data
<i>Andrew Brenders*, Sylvestre Charles and R. Gerhard Pratt</i></p> | <p>16. Best Petrophysical Abstract
Improved Wireline Density Acquisition in Elongated, Directional Boreholes Drilled Through Stressed Formations of Western Canada
<i>Harold Hovdebo* and Barry Johnson</i></p> |
| <p>8. Best Geophysical Oral Presentation
Microseismic Monitoring of a Multi-Stage Hydraulic Fracture in the Bakken Formation, SE Saskatchewan
<i>Rob Kendall*</i></p> | <p>13. Best Student Geophysical Poster, Andrew Baillie winner
Low-Cost Continuous Seismic Acquisition Solution Utilizing Open-Source Software
<i>Glenn Chubak* and Igor Morozov</i></p> | <p>17. Best Core Presentation
Reservoir Units Within a Multi-Layered Dolostone Formation: Grosmont Formation, Saleski Area
<i>John Hopkins* and K. Barrett</i></p> |
| <p>9. Best Geophysical Poster
Athabasca Oil Sands Exploration and Development Investigation using the Helicopter-borne Transient</p> | <p>14. Runner-up Student Geophysical Poster
Seismic Modeling of Reservoir</p> | <p>18. Best Student Core Presentation
Sedimentology, Ichnology and Reservoir Properties of the Low Permeability Upper Cretaceous Alderson Member - Hatton Gas Pool, SW-Saskatchewan, Canada
<i>Ryan Thomas Lemiski*, M.K. Gingras, J. Hovikoski, S.G. Pemberton, J. MacEachern and A. LaCroix</i></p> |

It takes a lot of people to host such a big show; if you happen to meet any of the following people, we encourage you to thank them. Take a moment to show your gratitude for the convention and for helping to make the CSEG a great organization.

General Co-Chair (CSPG)	Bruce Shultz	Huron Energy
General Co-Chair (CSEG)	Tooney Fink	ConocoPhillips Canada
General Co-Chair (CWLS)	Brian Glover	Petro-Canada Oil & Gas
Technical Prog. Co-Chair (CSPG)	Scott Leroux	EnCana
Technical Prog. Co-Chair (CSEG)	Ken Hedlin	Husky Energy
Technical Prog. Co-Chair (CWLS)	Brian Glover	Petro-Canada Oil & Gas
Finance Chair	Darren Aldridge	Baker Atlas
Sponsorship Chair	Terry McCoy	Calvalley Petroleum Inc
Exhibits Chair	Florence Reynolds	Nexen Inc.
Exhibits Committee	Victor Irwin	Divestco
Publications Chair	Fiona MacDonald	Schlumberger - DCS
Special Events Chair	Laura Brick	geoLOGIC systems ltd.
Volunteer Coordinator	Lyndsey Nicholas	Absolute Imaging

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Field Trips (CSPG)	Krista Jewett Lori Meyer	BG Canada Imperial Oil	
Short Courses (CSPG)	Travis Hobbs Julia Feltham	EnCana Compton Petroleum	
Short Courses (CSEG)	Bill Nickerson	Global Geosolutions Inc.	
Short Courses (CWLS)	Nicole Lehocky Andy Anderson	Weatherford Canada Partnership Weatherford Canada Partnership	
Core Conference	Richard Harris Brian Zaitlin Carly Frank Chris Podetz Jonah Resnick Lana Sharp	EnCana Suncor Energy EnCana EnCana EnCana EnCana	
Judging & Awards	Gary Taylor Sarah Cutten Angie Webster	Imperial Oil ARC Resources GR Petrology Consultants Inc.	
Logistics	Adam MacDonald	EnCana	
Session Chairs	Al Pickel Arnim Haase Bill Goodway Bob Menard Brian Hoffe Charlene Radons Charles Ursenbach Daniel Trad David D'Amico David Emery Deanne Katnick Dirk Kirste Doug Hardman Elvis Floreani Gareth Johnson Godfrey Nowlan Graham Carter Heath Pelletier Hilary Foulkes James MacEachern Jason Lavigne Jeffrey Packard Jennifer Adams Jeremy Gallop	Jim Davidson Jim Reimer Joanna Cooper Joe English Joe Stuhec John Boyd John Cody John Evans John Harper John Kovacs John Logel Kerrie Bann Kevin Root Lawrence West Marc Bustin Marcia Coueslan Matt Hall Mauricio Sacchi Michael Enachescu Mike Pacholek Mike Perz Murray Gingras Nabil Al-adani Nanna Eliuk	Octavian Catuneanu Paul Anderson Rachel Newrick Robert Stewart Roger Fife Shahin Dashtgard Stephen Hubbard Steve Donaldson Steve Larter Stewart Trickett Taras Dziuba Ted Glenn Ye Zheng

LUTW – Light Up The World Charity

Auction

Abbey Rebillaco, Carmen Swalwell, Colleen Delisle (Wheat Buckley), Gay Ruddy, Kristy Manchul (CGGVeritas), Marivi Molina (PennWest), Andy Marshall (EnCana), Mike Pesowski (ConocoPhillips), Laurie Ross (Divestco).

The Expert Staff

Shauna Carson, Tanya Santry, Kim MacLean, Alyssa Middleton.

RECORDER

During 2008, thirty-seven technical articles and thirty semi-technical or articles of a general nature were published in the ten issues of the RECORDER. Nine of the ten issues focused on specific themes given below.

- Aeromagnetic prospecting
- Advances in computing
- Fracture Characterization
- Advances in seismic processing techniques
- State of Education in Canada
- Resource Plays

- Seismic acquisition front end
- Environmental concerns
- Rock Physics/AVO

Each issue of the RECORDER carried an interview. The feedback from the members has been encouraging and it turns out that the interviews are indeed very popular columns. The following ten eminent geoscientists were interviewed during 2008:

Roice Nelson, Alan Cohen, Larry Lines, Tad Ulyrch, Davey Einarsson, Gerhard Pratt,

Bob Rintoul, Dave Johnston, Bruce Hart, Biondo Biondi.

All the technical articles published in the RECORDER are also included in the SEG's Digital Cumulative Index (DCI).

A significant feature added to the RECORDER during 2008 has been the publication of peer-reviewed articles. This was a pending idea with the RECORDER Committee for some time, but was revived under the dynamic guidance and suggestion from Michael

Biondo Biondi



Alan Cohen



Davey Einarsson



Bruce Hart



Dave Johnston



Larry Lines



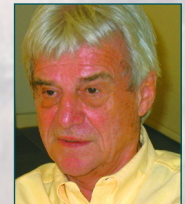
Gerhard Pratt



Bob Rintoul



Roice Nelson



Tad Ulyrch

Enachescu (CSEG Director Communications). The idea took shape over the year and became a reality with the publication of one peer-reviewed article in the December issue. We anticipate a gradual increase in the submission of peer-reviewed articles, and our goal is to publish approximately one per issue.

Also during 2008, a reorganization of the RECORDER Committee was discussed and a new structure for the Committee was finalized and subsequently approved by the CSEG Executive. This has been done to ensure that we constantly have new ideas and enthusiasm on the committee, which should result in new leads

for articles, and ultimately a better ability to maintain a high standard for our publication. As per the new structure, the RECORDER Committee comprises four Associate Editors and four Assistant Editors, in addition to the two regular contributors for the TTI and Grapevine columns respectively. The Committee is headed by a Chief Editor (Satinder Chopra). We are happy to report that joining Jason Noble (Edge Technologies) as Associate Editors are Penny Colton (GSI), Marian Hanna (BG International) and Gary Margrave (University of Calgary). As well, John Logel (Talisman), Jon Howlett (WesternGeco), Paul Anderson

(Apache), and Joanna Cooper (University of Calgary) joined the Committee as Assistant Editors. In the new structure each editor will have a 2-year term and will need to recruit an assistant editor who after an overlap of 1 year will take over as editor, and this will be implemented on an ongoing basis. Kristy Manchul continued in her role as Regular Contributor for the 'Grapevine' column and Carmen Swalwell as Regular Contributor for the 'Tracing the Industry' column.

A new regular feature called "Science Break" started with the May 2008 issue. Each month an article covering a topic of general scientific interest has been

RECORDER (con't)

contributed by Oliver Kuhn. Feedback on this has been positive, with many readers saying that the articles add variety to the RECORDER while still providing some scientific appeal.

Jim Racette and Sheryl Meggeson are always available for liaison and help, apart from their organization of advertising material and related things.

The PRINTMAN, Calgary continues to provide printing services for the RECORDER, which has been found to be

satisfactory in terms of quality and efficiency.

After factoring in production expenses and advertising revenue during 2008, the RECORDER has made a profit of over \$30K. This is in accordance with the directive of the CSEG Executive – that each arm of the CSEG should function as a cost-effective/profit making entity. There is an anticipation that current market conditions will result in lower advertising revenues in 2009, and the RECORDER committee will work with

the Executive to ensure we adjust to any such changes in an appropriate manner.

All issues of the RECORDER published in 2008 are available on the CSEG website (www.cseg.ca).

We have continued in our attempts to enhance the quality of the RECORDER and we hope the membership will continue to cooperate and help as they have done in the past.

SATINDER CHOPRA
Chair, RECORDER Committee

Website

The past year was quite a busy one for the Website. The major project for the past year, the on-line membership system, finally achieved roll-out in mid-September. Additionally, major improvements to the archives of the RECORDER were achieved by dramatically improving a couple of years and adding additional years.

The roll-out of the on-line membership system was the major achievement for 2008. The announcement to the membership in mid-September was the culmination of a process that was nearly 18 months in duration, with close to six months for the evaluation of relevant systems and the remainder for database clean-up, creation and systems integration. This is usually a three to four year process that was completed in about a year. The new system is located in a secure off-site location providing excellent support, up-time and security to ensure member information is protected and always available.

Currently, monthly luncheons and 2009 membership renewal are set up in the system. A number of initiatives have been planned for expansion of the system in order to improve member services. These will require a great deal of planning and will be rolled out as time permits over the next couple of years. Printable luncheon tickets are likely the first new initiative that may be rolled out this year.

An on-going project that was initiated early in 2008 was the clean-up and expansion of the RECORDER archives. The original versions of 1999 and 1998 were not up to the quality of later years and so were scanned in from originals. Manual scanning was also completed for 1997 back to 1993. All are fully printable and searchable. Over the next year or two, further expansion will continue with the plan to have the entire catalog of RECORDERS digitally archived.

During the year, an effort was made to investigate whether or not the Society could achieve reduced IT costs by partnering up with the CSPG. Initial investigation revealed that at this time our costs are quite low and we could not achieve additional economies of scale. This may be re-investigated in the future if things change.

On-going efforts with ensuring up to date content in all areas continues. Additionally, expansion of content to provide new information relevant to the membership is also continuing. Keep an eye out for some very interesting new content to appear on the site in the spring of 2009.

We encourage the members to provide us with feedback so that we can continue to make the website the primary destination for society information.

COREY HOOGE
Chair

Doodlebug Golf Tournament

Once again, it was another successful and fun filled year at the Doodlebug. The 56th Annual Doodlebug was held in majestic Jasper, Alberta. In this our third year back at Jasper Park Lodge we continued to enjoy the positive rates from Jasper Park Lodge negotiated by the previous chairman.

With 100 golfers registered in the main tournament, chasing the ever elusive "ceramic", and their guests we topped out at over 180 participants. The sponsorship (Kerry Befus and Danielle Harrison) committee did an outstanding job in a very tough year, working with sponsors to ensure we had the dollars in place to keep us within budget. As reported by Cheryl Russell, Treasurer, financially the Doodlebug Golf Tournament is on solid ground as it moves into its 57th year.

Many thanks to the WEB committee lead by Drew Lane and Jason Nelson this year, for making sure the web site was up and running, providing information to all the participants. The web site can be viewed for sponsor links to their web sites, as well as pictures of the event and a complete list of winners. www.doodlebuggolf.com

As has come to be expected, our golf committee (Dale Johnson, Evan Perry and Don McNeil) did an outstanding job working with the golfers to ensure fair and even indexing of players. At the end of the rounds on Saturday Alan Starkoski was crowned Mr. Doodlebug, with a gross 76. In addition the golf committee arranges the Inspection Rounds in June,

and the warm-up and mixed rounds, which are held with two separate shotgun starts on Thursday. The Chuck Wagon event rounds out the golf committee's fun filled weekend.

The Guest tournament this year was organized by Karen Webster and Darcy Russell, and based on the laughter and high spirits seen at the first tee box on Friday afternoon a good time was had by all. Additionally a Wine and Chocolate cooking class was held for guests not golfing, great job! Diane Sommerville was Ladies Convener making sure the Saturday brunch went off without a hitch.

The Jasper Park Lodge staff, lead by Ms. Paula Noseworthy once again did an outstanding job preparing and helping our Entertainment committee organize the various events from the breakfasts at the golf course to the Friday and Saturday night dinners.

Buddy Holly, Elvis and Alice Cooper look-a-likes along with many other favorite Rock Stars were all that could be seen at Saturday night's theme party. Many thanks must be given to Craig Van Dongen, Becky Cook, with assistance from Zoe Ferguson, and Karen Webster for all their hard work, for putting together the Rock Star theme. Party goes rocked long into the night.

Although the Doodlebug Golf Tournament is not organized as a charity event the committee does endeavor to collect money each year to donate to a

worthy cause. Through the generosity of the participants I am pleased to report that nearly \$8745.00 was raised for the Kids Cancer Fund at this year's event. A big Thank you to all those that donated.

The Doodlebug golf tournament, like other CSEG events, would not be possible without the hard work and dedication of the volunteer committee who did a tremendous job stepping up to ensure the continued success of the 56th annual Doodlebug. I would also like to thank the companies who allow participation on this committee; we all know that it takes away time and resources from their day to day jobs.

To our **sponsors, THANK YOU!** Without your continued support this tournament and premiere social event could not exist.

Thank you also to Jasper Park Lodge for providing first class accommodations, golf and events.

And finally thank you to all of you who come out and participate, and always have fun.

The 57th annual Doodlebug will be held once again in Jasper, August 20th - 22th, 2009.

Thank you, Gary James for your guidance and leadership. To Elvis Floreani for your help in 2008 as Vice Chairman - Weather guru, best of luck in 2009.

MARTY SOMMERVILLE
Chair

2008 Doodlebug Committee

Chairman	.....Marty Sommerville
Vice Chair	.....Elvis Floreani
Past Chair	.....Gary James
Secretary / Treasurer	.....Cheryl Russell
	.....Zoe Ferguson
Housing / Registration	.....Andrew Lane
	.....Jason Nelson
Prizes / Sponsorship	.....Kerry Befus
	.....Danielle Harrison
Golf	.....Dale Johnson
	.....Evan Perry
	.....Don McNeil
Entertainment	.....Craig Van Dongen
	.....Becky Cook
Guest Tournament	.....Karen Webster
	.....Darcy Russell
Ladies Convener	.....Diane Sommerville

DoodleSpiel

The 36th annual CSEG DoodleSpiel was held in Banff and Canmore January 25, 26 and 27, 2008.

The event was attended by over 400 members, with 92 teams competing in five events.

As chairman, I'd like to thank all of the 2008 committee, with special thanks to Jim Ross, Jesse Brown, Tom Kelly, Trent

Olson and Ray MacDonald for their continued involvement with the event.

We also thank ALL of the sponsors, who contributed over \$40,000 in support of the bonspiel !! In light of current uncertainty in the exploration sector, this represents a huge commitment from our sponsors to the continued success of this event.

Thanks too to all of the participants, and congratulations to this year's winners!

See you next year, January 30, 31 and February 1, 2009!

ARMIN SCHAFER
Chair



"A" Event winners Neil Rutherford, Derek Boeckx, Garry Kelman, and Fred Peterson.



"B" Event winners Dave Timko, Dave Nordin, Jocelyn Frankow and Elizabeth Hasselgren.



"C" Event winners Rick Rathier, Ron Ewing, Murray Jasman and Larry Herd.



"D" Event winners George Friesen, Andrew Wiacek, Tony Cadrin and Harvey McDougal.



HolePlug winners Glen Herringshaw, Carol Millar, Shauna Logan and Kim Hedin.

2008 Event Results

		Skip	Third	Second	Lead
A Side	1st	Garry Kelman	Fred Peterson	Derek Boeckx	Neil Rutherford
	2nd				
	3rd				
	4th				
B Side	1st	Dave Timko	Dave Nordin	Jocelyn Frankow	Elizabeth Hasselgren
	2nd				
	3rd				
	4th				
C Side	1st	Larry Herd	Rick Rathier	Ron Ewing	Murray Jasman
	2nd				
	3rd				
	4th				
D Side	1st	Harvey McDougal	George Friesen	Andrew Wiacek	Tony Cadrin
	2nd				
	3rd				
	4th				
Holeplug	1st	Kim Hedin	Shauna Logan	Carol Millar	Glen Herringshaw
	2nd				
	3rd				
	4th				

Ski Spree

The 41st annual CSEG "Family" Ski Spree was held on February 1-3, 2008 and was attended by a sell-out crowd of 380 skiers and snowboarders. Excellent weather, good snow conditions, and great friends helped to create a fun and relaxing weekend for everyone involved.

Once again the Ski Spree was held at the beautiful Fairmont Hot-Springs Resort. While the resort has undergone a change in ownership recently and has massive expansion plans, the staff continues to deliver the same stellar service they always have. I'm often asked why we hold this event at Fairmont and not one of the resorts closer to Calgary. The answer is a simple one; there simply isn't another resort within a three hour drive of Calgary that can provide suitable levels of service, food quality, banquet facilities, family friendly ski terrain, and most of all reasonable prices that Fairmont Hot-Springs Resort continues to deliver year after year. Unfortunately the banquet facilities at Fairmont are limited in size. We can only seat 380 people due to fire regulations and therefore have to limit registration for the time being. We are hopeful that with the planned expansion of the resort, larger banquet facilities will be built, allowing us to expand this event in the future.

The events of the weekend started on Friday night with the Mini Mixer for kids up to 11 years old. This rowdy bunch was treated to crafts, games, goody bags, snacks and movies. In the next room Teens aged 12-18 years old participated in games and a scavenger hunt followed by ski movies and pizza. With large numbers of happy faces in both rooms, new friends were made, old friends were reunited and everyone was entertained. Across the hall the adults attended the Mogul Mixer and enjoyed a Greek buffet, a couple of cocktails, and the friendly competition of the Ski Spree Grand Prix. Victory in the Grand Prix is perhaps the most coveted of all the races throughout the weekend. The sight of a

grown adult cheering wildly for their model car racing down a hot wheels track against three equally excited individuals always gets the night off to a good start.

Race Day on Saturday was kicked off with the children's obstacle course. The youngsters got a chance to race through several fun and safe obstacles, which seem to get more creative every year thanks to the Fairmont Ski Hill staff. The snow snake hunt, a fun game of hide and seek, had candy prizes for all those who tracked down one of the several rubber snakes hidden on the mountain. The older kids and adults had the option of racing in either the Snowboard Race, Ski Race or both. After a big day on the mountain everyone was treated to the Après Ski in the day lodge with food, drinks, and more socializing.

Saturday night's dinner was a family affair with everyone eagerly awaiting the results of the day's races. Prizes were handed out to those who participated in any of the races earlier in the day, and medals were handed out to the three fastest racers in each age category. Mike and Theresa Clement were crowned Mr. and Mrs. Ski Spree for 2008. The committee chooses the winners of this award based on their past contributions to the Ski Spree. Mike and Theresa have volunteered plenty of time and are greatly deserving of our thanks.

The weekend was brought to a close in the upstairs lounge with a little karaoke. The committee's somewhat painful version of "Billy Jean" was performed for the second (and hopefully last!!) year in a row.

I've spent a number of years on this committee and I'm

continuously amazed by the generosity of the sponsors who make this weekend possible. Without the support of the many service companies and oil companies this event wouldn't exist as it does today, so many thanks go out to all of you. I would also like to thank my fellow committee members and all the volunteers for all your hard work leading up to and during the Ski Spree. This event continues to attract a group of fun, dedicated, and vibrant people who all contribute to the amazing atmosphere of this weekend.

Cheers.

MARZENA FEUCHTWANGER
Director, Member Services





AUDITOR'S REPORT

To the Members of Canadian Society of Exploration Geophysicists

I have audited the statement of financial position of Canadian Society of Exploration Geophysicists as at December 31, 2007 and the statements of operations and changes in net assets and cash flow for the year then ended. These financial statements are the responsibility of the Society's management. My responsibility is to express an opinion on these financial statements based on my audit.

Except as explained in the following paragraph, I conducted my audit in accordance with Canadian generally accepted auditing standards. Those standards require that I plan and perform an audit to obtain reasonable assurance whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation.

In common with many charitable organizations, the Society derives revenue from membership dues, sponsorships, advertising and projects, the completeness of which is not susceptible to satisfactory audit verification. Accordingly, my verification of these revenues was limited to the amounts recorded in the records of the Society and I was not able to determine whether any adjustments might be necessary to revenues, excess of revenues over expenses, current assets and net assets.

In my opinion, except for the effect of adjustments, if any, which I might have determined to be necessary had I been able to satisfy myself concerning the completeness of the contributions referred to in the preceding paragraph, these financial statements present fairly, in all material respects, the financial position of the Society as at December 31, 2008 and the results of its operations and changes in net assets and its cash flows for the year then ended in accordance with Canadian generally accepted accounting principles.

Calgary, Alberta
March 1, 2009


CHARTERED ACCOUNTANT

Tel: (403) 250-2777 Fax: (403) 250-2774
210, 2635 - 37th Avenue N.E., Calgary, Alberta T1Y 5Z6



CANADIAN SOCIETY OF EXPLORATION GEOPHYSICISTS

Statement of Financial Position

December 31, 2008

	2008	2007
ASSETS		
CURRENT		
Cash and term deposits	\$ 693,366	\$ 1,172,223
Accounts receivable	72,740	40,870
Prepaid expenses	13,334	14,177
	<u>779,440</u>	1,227,270
FURNITURE AND EQUIPMENT (Note 4)	87,953	110,013
RESTRICTED FUNDS (Note 3)	875,000	375,000
	<u>\$ 1,742,393</u>	<u>\$ 1,712,283</u>
LIABILITIES AND SHAREHOLDERS' EQUITY		
CURRENT		
Accounts payable	\$ 116,940	\$ 90,709
Deferred income	10,669	14,966
	<u>127,609</u>	105,675
NET ASSETS		
Capital assets	87,953	110,013
Internally restricted (Note 3)	875,000	375,000
Unrestricted	651,831	1,121,595
	<u>1,614,784</u>	1,606,608
	<u>\$ 1,742,393</u>	<u>\$ 1,712,283</u>

ON BEHALF OF THE BOARD

_____ Director

_____ Director

See notes to financial statements



CANADIAN SOCIETY OF EXPLORATION GEOPHYSICISTS

Statement of Operations and Changes in Net Assets

Year Ended December 31, 2008

	2008	2007
REVENUE		
CSPG/CSEG Convention	\$ 374,084	\$ 406,955
Distinguished lecturers	15,795	28,469
DoodleTrain	307,299	346,310
Interest and other	52,286	57,657
Luncheon fees	148,807	128,337
Memberships	114,036	113,310
Recorder advertising	215,993	213,284
Sponsorships	26,500	21,500
	<u>1,254,800</u>	<u>1,315,822</u>
EXPENDITURES		
Amortization	41,569	30,306
Convention	7,762	8,128
Distinguished lecturer	15,000	15,000
Distinguisheg lecturer-SEG	13,937	19,670
DoodleTrain	195,965	198,216
Insurance	4,583	3,497
Interest and bank charges	3,123	3,369
Luncheons	145,149	119,085
Member services	26,468	32,507
Office expense	53,674	49,259
Office occupancy	62,341	54,780
Outreach	66,730	45,816
Professional fees	13,709	13,959
Recorder	185,497	180,760
Salaries and wages	196,985	161,249
Sponsorships and donations	-	10,000
Website	14,132	8,186
	<u>1,046,624</u>	<u>953,787</u>
EXCESS OF REVENUE OVER EXPENDITURES	208,176	362,035
OTHER EXPENDITURES		
Donation to Foundation	<u>(200,000)</u>	<u>(200,902)</u>
EXCESS OF REVENUE OVER EXPENDITURES	8,176	161,133
NET ASSETS- BEGINNING OF YEAR	<u>1,606,608</u>	<u>1,445,475</u>
NET ASSETS - END OF YEAR	<u>\$ 1,614,784</u>	<u>\$ 1,606,608</u>

See notes to financial statements

CANADIAN SOCIETY OF EXPLORATION GEOPHYSICISTS

Statement of Cash Flow

Year Ended December 31, 2008

	2008	2007
OPERATING ACTIVITIES		
Excess of revenues over expenses	\$ 8,176	\$ 161,507
Item not affecting cash:		
Amortization of property, plant & equipment	41,569	30,306
	<u>49,745</u>	<u>191,813</u>
Changes in non-cash working capital:		
Accounts receivable	(31,870)	(10,565)
Accounts payable	26,231	6,270
Deferred income	(4,297)	(2,931)
Prepaid expenses	843	7,068
	<u>(9,093)</u>	<u>(158)</u>
Cash flow from operating activities	<u>40,652</u>	<u>191,655</u>
INVESTING ACTIVITY		
Purchase of capital assets	(19,509)	(18,151)
Cash flow used by investing activity	<u>(19,509)</u>	<u>(18,151)</u>
INCREASE IN CASH FLOW	21,143	173,504
Cash and term deposits - beginning of year	<u>1,517,223</u>	<u>1,343,719</u>
CASH AND TERM DEPOSITS - END OF YEAR	\$ 1,538,366	\$ 1,517,223
CASH FLOW SUPPLEMENTARY INFORMATION		
Interest paid	\$ (3,123)	\$ 3,743
CASH CONSISTS OF:		
Cash	\$ 663,366	\$ 1,292,223
Term deposits	<u>875,000</u>	<u>225,000</u>
	\$ 1,538,366	\$ 1,517,223

See notes to financial statements

CANADIAN SOCIETY OF EXPLORATION GEOPHYSICISTS

Notes to Financial Statements

Year Ended December 31, 2008

1. NATURE AND OBJECT OF THE SOCIETY

The Canadian Society of Exploration Geophysicists (the Society) was established as a Society under the Societies Act of Alberta on December 20, 1949 as a not-for-profit organization.

The object of the Society is to promote the science of geophysics, especially as it applies to exploration, and to promote fellowship and cooperation among the persons interested in geophysical problems.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Revenue recognition

The Society follows the deferral method of accounting for contributions. Restricted contributions are recognized as revenue of the appropriate fund in the year in which the related expenses are incurred. Unrestricted contributions are recognized as revenue of the appropriate fund when received or receivable if the amount can be reasonably estimated and collection is reasonably assured.

Project revenues and expenses are recognized in the Project Fund during the period when the revenue is received and expenses are incurred.

Convention revenues and expenses are recognized in the Convention Fund during the period when the convention is held.

Capital assets

Capital assets are recorded in the Operating Fund at cost. Amortization is provided on straight-line basis over three to eight years, being the estimated useful life of the assets.

Leasehold improvements are amortized on a straight-line basis over the term of the lease, which is five years.

Contributed services

The operations of Society are dependant on the services of many volunteers. Although these volunteered services form an integral part of the ongoing operations, the value of contributed services has not been recognized in these financial statements.

Social committees

Various social committees within the society have monies available to them in order to administer the specific activities for which the committees were established.

The financial activities of these committees have not been reported upon in these financial statements..

Income taxes

The Society is a not-for-profit organization and is exempt from income taxes pursuant to Section 149 of the Income Tax Act.

(continues)

CANADIAN SOCIETY OF EXPLORATION GEOPHYSICISTS

Notes to Financial Statements

Year Ended December 31, 2008

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES *(continued)*

Measurement uncertainty

The preparation of financial statements in conformity with Canadian generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amount of assets and liabilities, disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the period. Actual results could differ from these estimates.

3. INTERNALLY RESTRICTED FUND BALANCES AND INTERFUND TRANSFERS

The Society's Executive Committee has internally restricted resources amounting to \$ 875,000 (2007 - \$375,000). These internally restricted amounts are not available for other purposes without approval of the Executive Committee.

The internally restricted funds have been allocated as follows:

	<u>2008</u>	<u>2007</u>
Operating fund - reserve	\$ 800,000	\$ 300,000
Convention fund	<u>75,000</u>	<u>75,000</u>
	<u>\$ 875,000</u>	<u>\$ 375,000</u>

4. FURNITURE AND EQUIPMENT

	Cost	Accumulated amortization	<u>2008</u> Net book value	2007 Net book value
Furniture and fixtures	\$ 94,344	\$ 78,289	\$ 16,055	\$ 28,224
Leasehold improvements	92,568	43,197	49,371	67,883
Software Development	33,790	11,263	22,527	13,906
	<u>\$ 220,702</u>	<u>\$ 132,749</u>	<u>\$ 87,953</u>	<u>\$ 110,013</u>

5. FINANCIAL INSTRUMENTS

The Society's financial instruments that are included in the statement of financial position are comprised of cash and term deposits, accounts and advances receivable and accounts payable, all of which approximate fair value due to the immediate or short term maturity of these instruments. It is the opinion of management that the Society is not exposed to any material credit or interest rate risk on any of these financial instruments.

CANADIAN SOCIETY OF EXPLORATION GEOPHYSICISTS

Notes to Financial Statements

Year Ended December 31, 2008

6. COMMITMENTS

The Society is committed to a five year lease commencing July 1, 2006. Annual payments are \$25,083.60 payable in equal monthly installments of \$ 2,090.30.

Contractual obligation repayment schedule:

2009	\$	25,084
2010		25,084
2011		12,442

Past Presidents

1950 J.O. Galloway	1970 L.R. Baxendale	1990 N.E. Rutherford
1951 C.M. Moore, Jr.	1971 R.O. Lindseth	1991 B.H. Russell
1952 L.I. Brockway, N.J. Christie	1972 J.K. Morrison	1992 R.J. Brown
1953 W.R. Ogilvie	1973 W.N. Rabey	1993 W.E. Davitt
1954 R.J. Copeland	1974 J.H. Harding	1994 G.G. Taylor
1955 R.D. Holland	1975 J.R. Pullen	1995 B.T. Korchinski
1956 R.B. Ross	1976 W.D. Evans	1996 D. Hampson
1957 G.J. Blundun	1977 R.J. McCaffrey	1997 R. Stewart
1958 F.A. Hale	1978 E.F. Mahaffy	1998 N. Shaw
1959 H.J. Kidder	1979 L.R. Hatlelid	1999 D. Pruden
1960 M.B. Dobrin	1980 P.D. O'Brien	2000 P. Kotkas
1961 P.I. Bediz	1981 A.E. Wren	2001 R. Pelletier
1962 P.J. Savage	1982 D.A. Carswell	2002 D. Uffen
1963 R.H. Carlyle	1983 V.A.A. Neilson	2003 W. Goodway
1964 C.J. Chapman	1984 J.R. Hume	2004 P. Cary
1965 R.A. Boulware	1985 L.C. Fichtner	2005 J. Stenhouse
1966 J. Hodgkinson	1986 J.D. Boyd	2006 Oliver Kuhn
1967 E.A. Fulmer	1987 R.L. Comer	2007 Doug Bogstie
1968 G.E. Longphee	1988 R.M. Lundberg	2008 François Aubin
1969 W. Blair	1989 A.J. Ferworn	

CSEG Medal

The CSEG Medal was introduced in 1988 and is the highest award that the Society bestows. "The CSEG Medal is given in recognition of the contribution to Exploration Geophysics by a member of the profession in Canada. It can be gained through a long-standing significant contribution to the application, teaching or business development of Exploration Geophysics. It can also be gained through a single achievement in any of these areas, which has been recognized over a period of years as a significant development. The award will be made to a member of the geophysical profession who is recognized for his integrity as well as his accomplishments."

Ted Rozsa
Roy Lindseth
Greg Davidson (1990)
Dave Robson (1991)
Dr. Robert R. Stewart (1992)

Hugh Stanfield
Donald Chamberlain
John Boyd (1994)
Garry Kelman
Brian Russell (1999)

Dr. Don Lawton (2000)
Dr. Dan Hampson (2004)
Bill Goodway (2008)
George Betram (2009)

Honourary Membership Awards

Honourary Membership is normally given only to a few members who have gained recognition for distinguished contributions in the field of geophysics or in service to the CSEG, either nationally or internationally.

Dr. George D. Garland	Robert Boulware	Dr. Zoltan Hajnal (1999)
Dr. J. Tuzo Wilson	Dr. A. Easton Wren (1987)	Brian Russell (2000)
Norman Christie	Sudhir Jain	Robert Comer (2002)
Dr. Milton B. Dobrin	Dr. Charlotte Keen	Robert Stewart (2003)
A.E. Pallister	Dr. Peter Gretener	John Boyd (2003)
Dr. Roy O. Lindseth	Dr. Gordon West	Davey Einarsson (2004)
Dr. David W. Strangway	Dr. Ron Clowes (1995)	Mike Galbraith (2005)
Peter J. Savage	Dr. Douglas W. Oldenberg (1996)	John Bancroft (2005)
R.H. Carylyle	Dr. Roy Hyndman (1996)	Perry Kotkas (2006)
Dr. Ernest R. Kanasewich	Dr. Larry Lines (1998)	Peter Cary (2009)

Meritorious Service Awards

The Meritorious Service Award is given to members of the CSEG who have made a prominent and/or lengthy contribution to the Society and/or the industry as a whole. Current practice is to make a maximum of two of these awards each year.

• Harry McGrew	• Harold Acheson	• Don Simpson	• Michael Enachescu (1998)
• Cecil A. Collins	• Bud St. Clair	• John Boyd (1988)	• Elaine Honsberger (1999)
• Dr. Milton B. Dobrin	• William D. Evans	• Arthur Baptie	• Dave Siegfried (1999)
• Alexander H. McKee	• Earle F. Mahaffy	• Bob Comer	• Doug Uffen (1999)
• Peter J. Savage	• Jack E. Setters	• Dan Hampson (1991)	• Penny Colton (2000)
• Percy Smith	• Peter Bediz (1983)	• Nancy Shaw	• Norm Cooper (2000)
• Dr. Roy O. Lindseth	• William C. Stroup	• Ralph Lundberg (1992)	• Barry Korchinski
• John Hodgkinson	• Ernie K. Shaw (1984)	• Murray Olson	• George Fairs (2001)
• Jack W. Bowden	• William Davitt (1984)	• George Kostashuk	• Perry Kotkas (2002)
• Hal W. Godwin	• Ray Prudholme	• Robert Grigg	• Oliver Kuhn (2003)
• J. Kenneth Morrison	• George Blundun	• Neil Rutherford	• Satinder Chopra (2005)
• Westley N. Rabey	• Valerie A.A. Neilson	• Ken Duckworth (1994)	• Bill Nickerson (2005)
• Dr. Easton Wren (1977)	• Duncan A. Carswell	• Melvin E. Best (1995)	• Helen Isaac (2008)
• Mary C. Colberg	• P. Dennis O'Brien	• Brian Russell (1995)	• Mauricio Sacchi (2008)
• A. Vern Street	• Judi McDonald (1987)	• Dr. Don C. Lawton (1996)	• Doug Schmitt (2009)
• Alan J. Ferworn	• Dale Kary	• James Brown (1997)	• Larry Mewhort (2009)
• Jack R. Pullen	• D.K. Bruce Fenwick	• John Pierce	
• Sudhir Jain	• Lloyd Hatlelid	• Gregg Milne	
• Bill Blair	• Larry Fichtner	• Ernest Kanasewich	

Corporate Members

Absolute Imaging Inc.
Aguila Exploration Consultants Ltd.
Allied Seismic Ltd.
APL Oil & Gas Ltd.
Apoterra Seismic Processing Ltd.
ARAM Systems Ltd.
Arcis Corporation
Bertram Drilling Corp.
Canadian Natural Resources Ltd.
Cossack Land Services Ltd.
Edge Technologies Inc.
EnCana Corporation
Enerseis
Explosives Ltd.
Fugro Data Solutions Canada Ltd.
GEDCO
Geophysical Service Incorporated
Geo Search Data
Hampson Russell Limited Partnership
Husky Energy Inc.
Imperial Oil Resources
Imperial Oil Resources
International Exploration Consultants (Canada) Inc.
*Ion Geophysical
Kelman Technologies Ltd.
Landmark Graphics Canada
Lornel Consultants
Matrix Geoservices Ltd.
MAXAM Seismic Explosives inc.
Murphy Oil Company Ltd.
Olympic Seismic Ltd.
Outsource Seismic Consultants Inc.
OYO Geo Space Canada Inc.
Paradigm Canada Ltd.
Petro Canada
RPGeoServices Ltd.
RPS Energy
Sensor Geophysical Ltd.
Sigma Explorations Inc.
Suncor Energy Ltd.
Synterra Technologies Ltd.
Talisman Energy Inc.
TAQA North Ltd.
*Thompson & Associates Exploration Services Inc.
Western Camp Services Ltd.
Western Geco
Z-Seis Canada Ltd.