

**CANADIAN SOCIETY OF PETROLEUM GEOLOGISTS  
2005-2006 REPORT OF ACTIVITIES**

**2006 Executive Committee**

Jim Reimer, President  
Colin Yeo, Vice President  
Marty Hewitt, Finance Director  
Peter Harrington, Assistant Finance Director  
Memory Marshall, Program Director  
Doug Hamilton, Acting Program Director  
Nadya Sandy, Assistant Program Director  
Shannon Nelson Evers, Service Director  
Dave Newman, Assistant Service Director  
Jeff Packard, Past President  
Communications Director, Ashton Embry  
Outreach Director, David Middleton

**PRESIDENT'S REPORT** (Jim Reimer, President)

2006 has been another banner year for the Society. Our many accomplishments include generating a significant financial surplus, co-hosting our second joint convention with the CSEG and the CWLS, moving into new office space, rolling out a refreshed website, and adopting/implementing an official safety policy. All this of course, was only possible due to the special and often times extraordinary efforts of our many volunteers, office staff, business manager, and the executive team. To each of you individually and collectively, I offer a big thank-you for a job well done. You have served your membership well.

Elsewhere in this report of activities, you will read about the details of various aspects of our Society's 2006 operations, from finances to outreach, to communications, awards, and others. It's not necessary for me to repeat many of these elements here; rather I would like to leave you with a brief message concerning our strategic plan.

In 2005, under the guidance of past-president Craig Lamb, the CSPG undertook a planning review process to help identify future key priorities for our Society. This exercise resulted in a new long-range (5-15 year) plan document. In the broadest sense, we pursue two principal goals:

- i) **Continue to provide for the technical support and advancement of our members**, via conferences, publications, courses, field trips, social events, etc. These represent the traditional roles and focus of the CSPG and this is where we have achieved and continue to achieve great things.
- ii) **Ensure the sustainability of our profession: Proactively advance the awareness and benefits of pursuing a career in the earth sciences and petroleum geology in particular.** Obviously, this initiative is aimed at our youth and it demands national outreach. Outreach has been an important but modest focus for the CSPG until now, however we hope to expand it dramatically over the next few years. We will deliver on this goal via our Educational Trust programs and through cooperation with the newly reconstituted Canadian Federation of Earth Sciences.

To help focus our efforts and manage our resources effectively, we have divided the plan specifics into six overarching goals encompassing twenty-one strategic objectives. Each objective has an accompanying set of tactics prioritized as to urgency and do-ability based on our 2005 view of the CSPG world. I would like to highlight current progress a few examples:

- *Work with the new Canadian umbrella geosciences organization in its advocacy and coordination roles.*

As of November 2006, The Canadian earth science community has officially adopted a restructured and reinvigorated national umbrella organization - the Canadian Federation of Earth Sciences or "CaFES" as it will be acronymed. CaFES will provide us with a united national voice and a much-needed vehicle for collaboration and coordination. It was agreed that the organization's first President should be drawn from the energy sector: In this regard I am very pleased to report that Dr. Ian Young with EnCana Corp. has accepted this challenge. Furthermore, as part of our strong support for this new initiative, the CSPG and the CSEG have offered to sublease office space to CaFES at an attractive rate during Ian's presidency. We look forward to working closely with Ian and CaFES.

- *Partner with the broader scientific community to increase public perception and understanding of science.*

Each year, the CSPG partners with the CSEG and APEGGA to co-host the popular Honorary Address, a public outreach initiative that provides students with the chance to experience the role of science within the context of real world events. This year's topic, "Hurricanes and their impact on Alberta", proved to be another winner and was completely subscribed for the student sessions. During 2006, the CSPG took another step in the public outreach arena, when we partnered with the Burgess Shale Foundation and APEGGA to sponsor printing costs for the book "Climate Change and Landscape in the Canadian Rockies". The book, authored by Nat Rutter, Murray Coppold and Dean Rokosh, explains how our landscapes evolve as a function of climate change, using fabulous pictures and examples from the Rocky Mountains. It is a well-written 'must-read' for all students who are interested in the environment and climate change. The CSPG donated \$12,000 towards the first print run and we are now considering options for assisting to distribute the book on a much wider national basis.

- *Foster communication and understanding between various disciplines engaged in the petroleum and related sectors.*

Under this objective, our key tactic is to continue partnering on the delivery of joint conventions. Joint conventions have proven to be very popular with our membership, our sponsors and our technical society partners. Towards this goal, the Committee on Conventions is planning an outstanding line-up of conferences for the foreseeable future. These include the 2007 Gussow conference on "Arctic Energy Exploration", a possible joint CSPG-G.A.C 'Nuna' conference in 2008 on "Climate Change", GeoCanada 2010, and perhaps another A.A.P.G. joint convention in 2012.

- *Collaborate with universities to promote curricula best suited to the petroleum geosciences profession.*

The success of our industry in aggregate depends on an adequate supply of well-trained professional geoscientists. Over the past several decades, we have lost traction on some of our training and recruitment needs, but fortunately attitudes are now changing. The CSPG is poised to participate as a key player in the arena of continuing education and we can also play a strong advocacy role in the development of practical university curricula. Earlier this year, we were asked to provide moral support for a proposed course Masters in Petroleum Geosciences, to be offered by the Universities of Alberta, Calgary and Lethbridge under the auspices of the Canadian School for Sustainable Energy. We enthusiastically responded and we hope to expand our collaboration with these and other Canadian institutions in the establishment and delivery of petroleum geoscience education.

- *Be 'the source' for convenient and cost-effective distribution of technical information in the petroleum geosciences.*

The CSPG has a proud history of producing high-quality petroleum geotechnical product via our printed Bulletins, Atlases and Memoirs and through our luncheons and Division talks. As we continue to develop

and expand upon these, we recognize that electronic media has become the format of choice for program delivery. We are very pro-active on this front. Earlier this year, the electronic communications committee rolled out our refreshed and reformatted website, which will provide the Society with the necessary flexibility to produce and transmit a wide range of electronic product. In addition, we have signed a multi-year agreement to continue webcasting our technical luncheons. Also, look for us to experiment with webcasts of Division talks and selected portions of our conferences and conventions.

- *Celebrate milestones in our Society, the petroleum industry, and in the earth sciences at large.*

This objective provides the impetus for us to do a better job of celebrating our successes, milestones, and important geoscientific events. Perhaps fortuitously, several key events occur over the next three years:

- i) International Polar Year (2007),
- ii) International Year of Planet Earth (2008), and
- iii) 100<sup>th</sup> Anniversary of the Burgess Shale discovery (2009).

Your executive believes that the CSPG should have a significant presence around these events, as each represents unprecedented outreach opportunity. Therefore, we are in the process of soliciting and formulating proposals to address our participation. We are only limited by our imagination, as I believe significant sponsorship funding will be available.

I have touched on just six of our twenty-one key objectives. We continue to develop and implement ideas for the other fifteen as well, so you can appreciate that we have a full agenda and that there is much more that we plan to do. A key challenge for current and future Society Executives will be managing the significant expansion of programs, services, and financings contemplated through all of these initiatives. We continue to enjoy an excellent, talented, and dedicated volunteer base, however the rapid pace of our industry today is placing stress on their available time. In addition, we are all keenly aware of the demographic bulge of working geoscientists, many of whom plan to retire over the next ten years. I'm hopeful that 'retirement' will actually free up time for these folks to assist with their Society. But they will require help, so capable and motivated office staff, in conjunction with effective leadership, will be critical to the ongoing successful delivery of the Society's programs.

I believe that we have made some important advances this year and I am confident we will continue to build on this foundation in 2007. Thank-you for allowing me to serve as your president.

#### **FINANCE REPORT** (Marty Hewitt, Finance Director)

It gives me great pleasure to report that the CSPG is in a very strong fiscal position at it's year end of August 31, 2006. This is a direct result of the CSPG's diversified programs and services, our creative and enthusiastic volunteer base and our dedicated and talented office staff.

Our year end net income was \$271 K on revenues of \$1.979 MM against expenses of \$1.708 MM. This operating surplus for 2005-2006 is over 3 times higher than our budgeted surplus of \$85 K. This surplus is the largely the result of better than expected performance from our Programs and Communications portfolios which offset higher than anticipated deficits in Services, Outreach and Operations.

The Society's Programs and Services continue to drive our revenue stream and fund our important outreach initiatives and technical publications. As we all know, the success our industry is enjoying does come with higher operating expenses and your Executive is working diligently with our office staff to meet these challenges. Our Society is fortunate to be backstopped by a robust investment portfolio that can provide flexibility in the future should it ever be required.

#### **Programs**

The CSPG's Programs portfolio is led by Memory Marshall, Doug Hamilton and Nadya Sandy. Programs such as our Annual Convention, Continuing Education, and Technical Luncheons generate the majority of the CSPG's revenue. The 2006 convention was an overwhelming success, generating \$518 K in profit, including \$54K received from the AAPG for the 2005 Convention and booked in the current fiscal year.

Other programs, such as Continuing Education and the Technical Luncheon contributed profits of \$65 K and \$22 K respectively. Overall, our Programs portfolio generated \$633 K in profit for the CSPG. Given our overall profit of \$271 K, it is easy to see the importance of these programs to the fiscal wellbeing of the Society.

## **Services**

Our Services portfolio is led by Shannon Nelson Evers and David Newman. Services are comprised of Membership and our Awards and Social Programs. Membership dues contributed \$310 K in profit in 2005-2006. Our Social programs essentially broke even resulting in a small loss of approximately \$1 K. When Awards expenses of \$10 K are taken into consideration, overall, Services provided \$299 K in profit in 2005 - 2006. Obviously, our membership is critical to the health of the Society. CSPG membership has stayed flat for the past few years and our challenge will be to keep our membership vibrant and involved with the Society in light of the demographics facing our industry.

## **Communications**

The Communications portfolio is led by Ashton Embry. Communications oversees the *Reservoir*, *Bulletin*, Geological Calendar, and Electronic Communications at [www.cspg.org](http://www.cspg.org), and Public Affairs. Communications essentially broke even in 2005-2006; recording a small loss of \$3 K. Revenues from the *Reservoir* were very strong once again in 2005-2006 at \$224 K. These revenues offset expenses for both the *Reservoir* and the *Bulletin*. Revenues from royalties from AAPG Datapages and GeoScienceWorld offset expenses for electronic communications and public affairs, overall resulting in the approximately breakeven position for Communications.

## **Outreach**

Outreach is led by David Middleton. This important portfolio consists of the annual Honorary Address, the Student Industry Field Trip, which exposes our industry to students from every university in Canada, the Visiting Lecture Program, University Awards, and University Outreach. Outreach ran at a deficit of \$63 K in 2005-2006. It should also be noted that expenses for Outreach are partly offset by the CSPG Trust that transferred \$64 K in corporate directed-donations to Outreach during the fiscal year.

## **Operations**

The Society's operations consist of office expenses, staffing, finance and banking, amortization and administration. Revenues, mostly from investments and corporate relations were offset by salaries and office costs resulting in a deficit of \$594 K. The CSPG moved offices at the end of the 2005-2006 fiscal year. Given that Calgary is home to some of the highest office space costs in the world, your Executive and the CSPG's Business Manager, Tim Howard, negotiated a fantastic agreement in our new office space at 600 - 640 8 Ave S.W., where we are now co-located with the CSEG. Managing operating expenses will be an annual challenge for future CSPG Executive Committees.

## **Investments**

The CSPG's long term investment portfolio consists of 70% income investments and 30% equity investments. At our fiscal year end, our portfolio had a market value of \$992 K against a book value of \$911 K. Our long term investment portfolio now comprises approximately half of the CSPG's assets. This 'Accumulated Surplus' provides a useful "rainy day" fund and reduces the Society's exposure to prolonged negative revenues in one or two key areas or unforeseen emergency expenses.

The CSPG'S staff, Executive and volunteers have done a fantastic job in 2005-2006! I would like to personally thank CSPG Business Manager, Tim Howard, and Assistant Finance Director, Peter Harrington, for their support and hard work in helping me steward the Society's finances. Challenges remain in ensuring our annual convention, sponsorships, corporate memberships and *Bulletin* and

*Reservoir* revenues continue to flourish while operating expenses are kept in check during this vibrant time in our industry. I know that our staff and future Executives will be up to the challenge.

Thank you for providing me with this opportunity to serve the CSPG.

## PROGRAMS

### **WHAT'S NEXT? WHERE IS OUR INDUSTRY HEADING? 2006 CSPG-CSEG-CWLS JOINT CONVENTION** (Mark Cooper, Kevin Marsh and Roy Benteau, Co-Chairs)

To the vast majority of delegates and exhibitors the feedback was that this was a very good convention as usual. Below is a compilation of observations and recommendations for further improvements in bullet point form.

#### **General Comments**

The success of the Convention can be measured by a variety of metrics:

- A significant profit for all 3 societies
- Very high attendance by delegates
- A sold out exhibit floor
- Near record levels of sponsorship

This successful convention was due in large part to the dedication and hard work of the committee volunteers that we had the privilege of working with on the convention. It also benefited from the continuity provided by the permanent convention staff of Lori Humphrey-Clements and Sarah Barton.

The 3 things that we did the best at this convention were:

- Placing the posters in the centre of the exhibits floor.
- Adjusting the timing of the convention to avoid the graduation balls and hence being able to unify the convention space.
- Design of the Hall D lecture theatres.

The 3 things we would do differently were:

- Judging and awards which was a struggle this year due to a bereavement suffered by the Judging coordinator. We also need to consider whether the Core Meltdown is the best place to announce awards.
- Online registration problems for CSEG/CWLS members where the incorrect rates were charged and problems with course registrations.
- Session selection, usage, access and signage for the Archie Boyce Theatre. Clearer signage for the passage from Hall D to the Exhibits Floor and the Archie Boyce would have helped significantly

The 3 key learnings from the convention are:

- Have someone on the committee whose sole responsibility is to proof all published content, i.e. circulars, delegate books, CD's, website content to ensure that all of the information is consistent and factually correct. We had a few instances where errors crept in and were not always picked up. This has become of increased importance given the heavy reliance now placed on e-communication.
- Establish a policy very early on in regard to sponsorship levels, recognition for sponsors and the trade off in value between the sponsorship dollars and what the requirements of the sponsor are going to cost us.
- Having the posters on the exhibition floor worked very well and although some refinement of the layout should be considered they should stay on the "floor".

The 3 major issues for next year's committee to address are:

- Deciding on how to assign booths to the exhibitors which will require soliciting feedback from those who exhibited this year. This is a very hot topic!
- How many concurrent sessions to have and how and in which hall to schedule them to avoid overcrowding issues.

- Tight timelines in regard to abstract deadlines, technical programme finalization and CD and delegate handbook production.

## Technical Programme

### Oral Presentations

- Talks are getting stale & old; same old talks, older crowd can we re-generate and re-invigorate? Perhaps solicit suggestions from this year's [2006] Chairs?
- However despite this the talks seemed well attended overall.
- We don't have a procedure in place to review abstracts, therefore some presentations are too commercial; emphasize that this is not acceptable on solicitation & instructions. Session chairs are scrutinizing abstracts; short abstracts are possibly not long enough to gauge commercial content.
- Timing of talks (i.e. format of 25mins talk, 2 questions) seemed to work well and was popular.
- Quality of talks was variable.
  - good talks – trade show is empty
  - bad talks – trade show is full
- There sometimes seemed to be too many popular talks at the same time; do you reduce number of concurrent sessions (7-8 or 5-6)?
  - The problem is with concurrent sessions being absolutely packed. If you reduce the number of concurrent sessions, this will create more overcrowding.
  - Hall D seemed full, but was never packed
  - Palomino rooms were often standing room only
  - The issue can be partially addressed by giving more thought and debate over which sessions are likely to be the big draws.
- The sound in the 2 Hall D lecture theatres was pretty good and problems of audio interference between them was much, much improved on the AAPG in 2005. Stick with the lecture theatre design used this year.
- Session chairs must be told not to change the order of talks in their session. This happened this year and caused a lot of confusion.
- If Panel Sessions are organised then letters of invitation to Panel Session members must be sent out by the Session Chair. This did not happen this year at the Panel Session organised and the session had to be cancelled on the day causing frustration to all concerned.
- Archie Boyce – not well attended for most sessions; possibly put Heavy Oil & Unconventional Gas sessions there so people will attend.
  - This will also enhance traffic flow through that side of the Exhibit Floor.
  - Don't use Archie Boyce on Wednesday a.m. because once the Exhibit Floor is closed people find it difficult to find.

### Poster Presentations

- The location of the posters on the Exhibit Floor was generally positive.
  - "I thought that the posters were a great success, both as a member of the organizing committee and as a poster presenter. At previous conventions I, as a poster presenter, have stood by my poster and waited and waited for some lost soul to find my display, only to find out he was really looking for the washroom. This year there was a steady stream of visitors and much interest in my presentation. As a presenter I was 1000% more satisfied with the arrangements you provided."
- It has been suggested that putting the posters within the exhibits was great and that we might consider a plus sign style of exhibit floor orientation with another set of poster board branches leading off at right angles to the main orientation. I like that idea.
- Some felt posters were a barrier to east point of halls.
  - Solution: Open centre & East doors only and put posters in the cross like geometry described above.

- The Poster Scramble, albeit a great idea, failed because of lack of pre-convention advertising (mainly because the idea came late and the awareness level was low), signage and "on the floor" verbal promotion which could be improved via better communication to delegates. It should be tried again next time!
  - The number of questions could be increased from 10 to 25 and the answers could be presented in a multiple choice scenario
  - Prize adequate
  - Put the questions in the delegate handbook
- The goal of the poster scramble was to motivate delegates to move through the posters. This idea could work if it were to be promoted.
- In future request confirmation of attendance by poster presenters rather than assuming folks will show .i.e. the folks pulling their poster should advise us with more notice or as in most cases any notice at all. We could also impose sanction on no-shows as the AAPG does; i.e. 3 years non-acceptance of abstracts.
- The "rolling news" poster advertising was good, but could be improved by placing larger monitors in strategic positions such as right in front of the poster boards as you come in the main exhibit floor entrance.
- Poster Judging was a struggle although it worked at the end. Judging should be undertaken at prescribed times on Monday and Tuesday to ensure that presenters are there and with earlier and more collaboration with the Judging committee.
- Judging before the Ice Breaker on the Monday and handing out the gifts of appreciation at the Ice breaker might be a good idea, IF it can all be accomplished and the results collated in time. (Especially when this allows for questions to be asked of the presenter.)
- Board numbering might have been better left to right at all times when facing the boards.
- Need to have posters removed before the exhibit hall closes.
- A firm deadline must be set for the number of poster boards required, or we could go to the AAPG model of 1 size fits all; i.e. give assigned # of boards (1 or 2) to presenters.

#### Core Conference

- Paid registration for; some people just want to register for the Core Conference
  - BIG issue for 2007 Committee to examine
- Core Sessions well attended and liked but need to try to get CSEG members to attend.

#### Short Courses & Field Trips

- Encourage members to remember that the popular courses sell out in the first week of Early Registration; get in early!
- Suggestion: the CSEG needs a short course Chair to administer SEG & other courses; SCEG executive (Education Chairs) have asked that this be considered

#### Judging & Awards

- Decide early as to what awards are going to be presented.
- Suggestion awards are given at Tech lunches as not all award recipients are in attendance @ core melt down.

#### Abstract Submission

- Short abstracts/long abstracts – recommend just extended abstracts. Could be difficult for geologists as they are not used to this format
- Need to set up a template file in word that is protected in regards to font, layout and only allow those to be submitted. This would reduce the time spent on converting abstracts to PDF.

- There should only be 1 abstract deadline with the option for authors to submit either a long or a short abstract. The current model of 2 deadlines introduces delays at critical times as we are waiting on abstract to come in and then have to be converted before the CD can be cut.

## Special Events

### Luncheon

- The luncheon sold out and the speaker was well received.
- There were a number of sound problems that need to be resolved with the AV contractor.
  - east side of room had an echo
  - a speaker was located by air conditioning vents
  - head table speakers were not set-up making it difficult for them to hear
- There were also some timing issues, as the talk started when people were eating and MUST ensure that the speaker is fed first!

### Ice Breaker

- Good networking opportunities for delegates were commented on & feedback from exhibitors was positive.
- The staggered bar opening/closing worked well.
- Remind exhibitors to pre-purchase tickets for drinks to avoid queues.
- Bartenders were excellent, the bar placements were good, should perhaps be closed earlier.

### Mini-breaker

- Make it an Exhibitor reception – if exhibitors feel they are hosting then they will be less likely to tear out early.
- Description and timing in delegate handbook was incorrect.
- Should be better snacks for the event.

### Breakfast with Exhibitors

- This was on the floor both days but we had a communications error on this needs more careful proofing of delegate book and website in future.

### SIF

- Went very well with approximately 150 attendees.
- Very few faculties came, we need to try and find out why not!
- Focus was to get more industry people to come to the event.
- SAIT are interested in participating.
- Total E & P happy with the turnout and the interest they received from students.

### BBQ

- Sponsor was very happy with numbers
- Tighten up communication about the event.
- Sponsor needs to be clearly informed in regard to policies on banners.

### Core Meltdown

- By making this a separate ticketed event numbers could be better controlled.

- Food was good but Sunterra had some confusion about non-alcoholic drinks and whether to charge for them or not.
- Logistics; the PA system was not adequate for the space.
- Consider not holding the awards ceremony at the Meltdown but have awards given at society luncheons.
- This is a very casual event, basically a yard party!
- The Dance Heads were good and proved to be very popular!
- Try to get CSEG members out to lab. The estimate was less than 20% of CSEG delegates attended the core labs.
- Start time must coincide with the end of the core conference.

### **Publications/Website**

- Timelines/deadlines met for most part for the publications and the CD
  - posters were finalised very late which must be avoided in future.
  - website – updates were not done regularly near the end and this must be rectified in order to provide timely information to delegates.
- Delegate handbook printing errors caused some problems which could have been avoided by better proof reading.
- Signage was good, the foam core/laminated banners worked well so the cost of better materials is justified.
- Sponsor ads in the delegate handbook looked very good, but that decision should have been made much earlier.
- Difficult to manage changes in technical program due to collecting data in Excel which creates a lot of editing errors.
- An ftp site/info centre for delegates would be a useful addition.

### **Marketing & Publicity**

- News coverage was good.
- Calgary Herald article that included the convention was good.
- Need to work closer with KISP to ensure appropriate promotion for convention.
- Jeanette was continuously unsure if the content/ads were getting in the CSEG and CWLS publications. She never got feedback from the CSEG in regards to receiving or publishing the material. She would recommend for future conventions to see if another arrangement is needed with the CSEG, i.e. should ad space be reserved to ensure the material is getting into the publication.
- The CSPG luncheon committee was at times not willing to let committee members stand to give the announcements. This needs to be discussed further with them.
- Sarah provided Jeanette with some fantastic spreadsheet/outlines of luncheon announcement topics and publications topics as well as contacts needed to submit the material (luncheon announcements and publication content), this was extremely helpful and she suggests passing this information on to future marketing and publicity Chairs.
- The signage could also be taken on by this role to alleviate a bit of responsibility from the publications and communications Chair.
- It seemed that marketing/publicity only went into society publications, possibly next year we could pursue other publications.
- Jeanette would recommend doing the kids in science program at future conventions. She felt it was well received and it was publicized over the local community TV program.

### **Exhibits**

- Most people register for the technical program not for the exhibits– lets not forget that the main purpose of the convention is that the technical content is for the benefit of CSEG/CWLS/CSPG members.
- We provide the medium of the exhibit floor & encourage delegates to come BUT it is up to exhibitors to bring them into their booths.
- Solicitation methods
  - Compiled list
  - Phone/emails good, personal contact excellent
- Booth selection was controversial; many of the smaller local companies like it but many of the larger and out-of-town companies do not like the process.
- If the booth selection evening is repeated need to do 10x10, 10x20 and 20x20 booths simultaneously to reduce the length of time it takes. A downtown location is essential for this event.
- Send a questionnaire out to exhibitors re floor layout, floor times and booth selection process to solicit their feedback and publicise the results back to them.
- The Floor plan was good.
- Traffic flow was good & bad
  - Closing the floor 10:00 – 10:30 / 2:00 – 2:30 to encourage traffic flow may be an option but access to the Archie Boyce would then be an issue as would poster access.
- Concern from some exhibitors that the East side of hall A beyond the posters was not as well visited. A solution would be to open central + east doors to hall.
- Society Centre
  - We really liked the idea of the society centre.
  - Need to work closer with the societies earlier to smooth over any issues.
  - Concern was that we could have made whole area smaller, some delegates said it seemed like there was a lot of wasted space.
- Equipment Trucks on Floor were described as blocking views by some delegates; but the committee rather liked where they were.
- The actual schedule was different from the printed guide; i.e. breakfast and coffee, tradeshow doors opening which must be fixed for next year.
- Traffic flow was light when you consider the number of attendees.
- Traffic flow during the ice breaker was poor compared to previous years.
- Ceiling height must be made clear at booth selection time.
- The Shoe shine was popular. The total cost for the shoe shine booth was \$1200.00. Franklin Marroquin from Franklins shoe shine in Penny Lane did a great job.
- Massage chairs were a big hit!! They were provided free of charge by Back Plus who have expressed interest in returning next year.
- The Job Binder was popular but needs more forward planning and publicity perhaps use a Posting board.
- Silent Auction should be endorsed by all societies at the convention.
- A policy for foreign exhibitors is needed as some of them have problems with payment logistics.

## Sponsorship

- Stellar Year for Sponsorship - \$331, 000 plus in-kind items.
- No sponsor banners should be permitted at events; this needs to be clearly communicated to sponsors up front.
- Recognition appeared to be good from the sponsor's point of view.
- Special events – how much control does a sponsor have is an issue that needs to be addressed very early on in discussions.
- Administration – Kim is invaluable in helping with this and it really helps to have the various society sponsorship requests to companies coordinated.
- Outline events
  - Some sponsors are questioning value – e.g. Veritas

- Logos in delegate handbook / name recognition is well received.
- Website/logos.

## Finances

- Expenses \$991,851
- Revenues \$1,996,294
- Profit \$1,004,443
  - CSEG \$390,809
  - CSPG \$452,979
  - CWLS \$160,655
- We intend to prepare a Reservoir/Recorder article to illustrate where the revenue comes from and what the expense split looks like. The motivation for doing this is to show that the exhibit floor basically pays for itself. There is a perception that the exhibits pay for the convention which is not correct. This should be illustrated graphically by pie charts.

## Registration

- Online registration needs to be more transparent as some CSEG/CWLS members thought they were logging into CSPG website for registration. This needs to be worked on with the web design company, the payment site and the CSPG.
- C-train passes – overlooked so delegates were not all aware that they had access; solution may be to print a Pass in a corner of the badge; needs to be discussed with Calgary Transit.
- Early Registration closing time needs to very explicitly state to avoid confusion; some complaints this year from late registrants!
- On-site Registration was excellent; flawless / no line ups this year!! BUT the accounting for onsite registration post-convention was a horror show for the convention staff; basically all data had to be hand reconciled due to deficiencies of the online system.
- It would be helpful to have a status bar for the luncheon and perhaps for other special events/courses/field trips; this needs to be coordinated with web design and payment processing.
- Early registration and bag pickup worked well but we suggest lunch should be provided for volunteers)
- On a personal note as previous registration Chair, Kevin thought the registration had very few glitches, with exception of the first few days when the CSEG / CWLS members could not register.

## **TECHNICAL LUNCHEON COMMITTEE** (Kevin Meyer, Tony Cadrin, Dean Bull, Chris Seibel, Riona Freeman, Kristie Lee, Co-Chairs)

The CSPG Luncheon committee has concluded another successful year of talks. This year showcased a variety of topics ranging from oil sands to climate change and elephant hunting. Some of the highlights this year include talks by Paul Colburn, "Trust's Future in the Canadian Oil and Gas Sector", and Mike Finn's presentation on the "Corbett Creek Mannville CBM project", both of these talks had in excess of eight hundred attendee's. Special thanks goes to the AAPG for providing an excellent visiting speaker Mark Rowan who gave a talk on "Collisional Fold-and-Thrust Belts detached on Salt". The average attendance this year was 643 people making it one of the CSPG's most successful programs and highlighting that the membership still has a great interest in the luncheon talks. The Committee welcomed two new members Riona Freeman and Kristie Lee and unfortunately Dean Bull has moved on after several years of excellent service to the luncheon committee.

## **CONTINUING EDUCATION** (Godfried Wasser & Krista Jewett, Co-Chairs)

In the 2005-2006 year, the Education Committee's big challenge was to integrate a curriculum of courses offered during the CSPG Convention as well as throughout the year. We offered 22 courses and fieldtrips, only three of which had to be cancelled. All education events can now be registered for on our website, either on the Education pages or through the annual convention link for convention related

courses. We hope that when planning professional development, members will visit our website to see what their society offers in educational resources. Please, let us know of your requirements, ideas and comments.

We have also made great progress regarding safety and liability. We can offer instructors a comprehensive safety and insurance package for both fieldtrips and courses, while course participants and employers can be reassured that the society has done its due diligence in this area. Safety and insurance is part of package that includes advertising, venues and logistics as well as fair remuneration that the CSPG offers to instructors.

Next year, under new Co-Chairs (Krista Jewett and Travis Hobbs), the committee will embark on a new event: Rock Geek Week. This is a week of courses offered in the fall, possibly in close cooperation with the CSEG's Doodle-Train Event. Instructors interested in participating should contact Krista or Travis.

We would like to thank all the committee members and the CSPG staff that made 2005-2006 a successful year!

## **TECHNICAL DIVISIONS**

### **BASIN ANALYSIS AND SEQUENCE STRATIGRAPHY DIVISION**

Steve Donaldson and Mark Caplan are co-chairs of the Basin Analysis and Sequence Stratigraphy Division (BASS). We have formed a committee of 4 keen volunteers, and would like to extend many thanks to the other two committee members, Dan Block and Gordon Stabb for their continued encouragement and invaluable support. After an extended hiatus, the BASS Division is back in business.

Thanks are also expressed to EnCana for permitting us to host our noon hour talks at their Tower Centre Amphitheatre, as well as to ConocoPhillips for allowing us to use their auditorium facilities. We also extend our gratitude to Tim Horton's, who provided us with much needed sugary nourishment, and Eurest Barrel Café for providing liquid refreshments. Kim MacLean of the CSPG is thanked for her hard work in obtaining IHS as a sponsor and making these talks possible.

Over the last twelve months we have hosted two presentations in two venues with an average attendance of fifty people. These talks were:

#### **October 5, 2006**

Milovan Fustic, P. Geol. (Department of Geology and Geophysics, University of Calgary). "Geological Controls on Bitumen Quality in the Athabasca Oil Sands Deposit"

#### **October 13, 2006**

Dr. Andrew Miall (Department of Geology, University of Toronto). "An Overview of Two Forthcoming Books: 'Canada Rocks' and 'Sediments and Basins'"

We strive to provide members of the CSPG with the high-quality talks that they expect. In order to continue this service we require volunteers. We are always looking for people to provide us with a presentation of their work. If interested, please call either Steve at (403) 645-5534 or Mark at (403) 691-3843. Your support is greatly appreciated.

### **CORE AND SAMPLE DIVISION**

The Core and Sample Division did not meet during 2006 as there were no outstanding issues that needed to be dealt with. Ongoing changes in Drilling procedures, Government Regulation changes and core storage reviews will no doubt generate significant interest among the group which will warrant some discussion and action by the group in 2007. The group has been proactive in addressing issues which we feel will impact the quality and access of subsurface rock samples that are utilized by the Canadian

Geological Community. If you would like to be informed of future meetings or activities of the Division, please contact the current chair, Doug Hayden at (403) 615-1624 or [haydengeo@telus.net](mailto:haydengeo@telus.net)

## **EMERGING PETROLEUM RESOURCES DIVISION**

No report submitted.

## **ENVIRONMENT DIVISION**

The Division held two talks in 2006 at the Aquitaine Tower Conference Room. Sincere thanks to our speakers for volunteering their time and effort. Technical support for these talks was provided by MEG Energy Corp. Thanks to Ed Mathison, Jack Century and James White for their ongoing support of the Division.

### **January 27, 2006**

Marty Bobyn and Rey Calosing, The City of Calgary  
The City of Calgary - An Overview of Environmental Issues

### **April 28, 2006**

Shawna Mattison, Pembina Pipeline Corporation  
**The Geology of Spills and Leaks**

**GEOMODELING DIVISION** (David Garner, Chair; Peter Dankers, Secretary/Treasurer, Peter Boyle , Robert Chelak, Ned Etris, Sean Hayes, Blair Mattison, David Middleton, Tony Wain)

We have had between 30-60 people attending the talks. Email notification was sent out prior to talks as a reminder. At each talk we provided a sign up list for those interested in the notification. The venue for the lunch talks has been the ConocoPhillips Auditorium, and we schedule the last Wednesday of each month to attempt to fill up to 8 months.

The committee has essentially collecting the digital data needed for a field trip. The data needs to be checked by using it for preliminary correlations, maps and 3D models. The concept is to go from outcrop to a geomodels. Build models, visit the outcrops, and emphasize the issues. Obtaining a set of positioned digital data and descriptions is a stopping point. The area is near Drumheller. Tony Wain is the point contact for this.

Peter Dankers has retired from the committee. Weishan Ren has joined the committee.

## **Budget**

ConocoPhillips sponsored our committee meetings lunches and lunch for the speakers. Sponsorship funds were partially used for committee golf shirts with the CSPG and Geomodeling Division logos.

## **Luncheon Presentations**

### **September 28, 2005**

Anthony (Tony) Wain, Talisman Energy Inc.  
Improving Depositional Analogues through Simulation Updating – Examples from a Clastic and a Carbonate Setting in Western Canada

### **November 30, 2005**

David Garner, ConocoPhillips Canada Ltd.  
Uncertainty Quantification and Ranking for SAGD Well Pair Placement in the McMurray Oilsands, Canada

**January 25, 2006**

Renjun Wen, Geomodeling Technology Corp.

Bridging the missing-scales: New developments in small-scale heterogeneity modeling

**April 26, 2006**

Rolf V. Ackermann, Beicip Inc., Houston, TX

Uncertainty and naturally fractured reservoir modeling: Do I have fractures? What kind do I have? How do I model them?

**May 24, 2006**

Clayton V. Deutsch, University of Alberta, Edmonton, AB

Process Mimicking Geologic Modeling: Beyond Object-based and Cell-based Facies Modeling

**GEOFLUIDS DIVISION**

The Geofluids Division hosted 5 talks this year with an average attendance of 10 to 12 individuals. In addition to our regular meetings, the Division also provided a \$300 scholarship for Mr. Gavin Jensen a M.Sc. student from the University of Alberta to attend the Geofluids V conference in Windsor Ontario this year. This is a key conference hosted by the Geofluids community, sponsored by the CSPG and a conference which is a critical forum for a students like Gavin to attend. Finally, we would like to thank IHS Energy and the GSC for their continued support of the Geofluids Division

**INTERNATIONAL DIVISION**

As of May 1, 2006, I replaced Ken Jones as Director of the CSPG International Division. Since that point in time three lunch time presentation have been arranged and held in the EnCana Amphitheatre. Attendance has been consistently ranged been 30 and 60 people. Generally no presentations are arranged for the summer months because of holidays. The table below outlines the details of the 2006 presentations.

**Activities****May 24, 2006**

Tako Koning

Angola, West Africa: Continuous Exploration Successes and Ever Increasing Oil Production

**September 26, 2006**

Javed Iqbal

Pakistan: Business Opportunities in an Emerging Energy Hub in South West Asia

**November 2, 2006**

R.C. (Bob) Mummery

Hydrocarbon Potential of Cenozoic Basins in the Tuman River area of North Korea (DPRK)

**PALAEONTOLOGY DIVISION**

The paleontology division held 8 talks in 2006 with topics varying from paleobiological controls on dolomitization and reservoir development in the Mississippian Midale Beds of Southeastern Saskatchewan by Arjun Keswani to a discussion of the stratigraphy and paleoenvironments of the Burgess Shale by Dr Chris Collom. Also held in conjunction with the Alberta Paleontological Society and Mount Royal College was a weekend long symposium in March of this year. This free event attracted approximately 300 people including members of the general public and provided opportunity to interact with those researching in the field of paleontology.

Downtown based lunchtime talks were well attended. More are planned for 2007.

## Division Profile

The Paleontology Division runs in association with the Alberta Palaeontological Society (APS) and the Mount Royal College Earth Science Department. Its mandate is to provide a forum for CSPG members and the general public who are interested in paleontological issues and applications. Topics are wide-ranging and range from technical dissertations on application to the oil industry to general interest such as dinosaur art and paleontological expeditions. This is to accommodate the diverse group of 30-80 people that typically attend each talk. Unlike most of the other technical divisions the talks are held in the evenings (7:30 PM), typically the third Friday of every month. Mount Royal College Earth Science Department provides facilities and multimedia access. Talks typically average about 45 minutes followed by a short question/discussion period. They are held in Mount Royal College (Lincoln Park Campus) Science Wing room B108. Speakers for the luncheons are sought from industry, museums, universities and even the art world. Talks run from September through May with a break through the summer. Once a year a two day Paleontological Symposium is held at Mount Royal College. Events include a full day of lectures, a poster session and educational workshops. Most events are free so as to be accessible to the general public. While these talks are held in association with the APS, that society's summer field trips require an APS membership.

If you are interested in joining the Paleontology Division e-mail listing, which currently provides monthly event reminders, or if you care to suggest a technical topic or present a talk to the division, please contact Philip Benham (Shell Canada Limited), the current Division Chair. He can be contacted at 403-691-3343 or via e-mail at [programs@albertapaleo.org](mailto:programs@albertapaleo.org).

## Activities

### January 20, 2006

Stratigraphy and paleoenvironments of the Middle Cambrian Chancellor Group (e.g. Burgess Shale) and adjacent platform carbonates, Canadian Rockies of Alberta and British Columbia Speaker: Dr. Christopher J. Collom, University of Calgary

### February 17, 2006

Lost World: The Past, Present and Future of Biodiversity in Madagascar  
Speaker: Philip Benham, Shell Canada Limited and Dr Jonah Ratsimbazafy, Durrell Wildlife Conservation Trust (co-author)

### March 18 & 19, 2006

Tenth Annual Palaeontological Symposium: Alberta's Natural Heritage

Talks:

- Taphonomic observations on the bonebed at Little Fish Lake, Alberta, Canada" Patty Ralrick, University of Calgary
- Alberta's Duck-billed Dinosaurs David Evans, University of Toronto
- Palynostratigraphy and palaeoenvironments of the Lower–Middle Jurassic, Neill Klintner Group, Jameson Land, East Greenland Dr Eva Koppelhus, University of Alberta
- Deep Alberta. John Acorn, University of Alberta.
- Sixty Years of Pachyrhinosaur Discoveries in North America. Darren Tanke, Royal Tyrrell Museum of Paleontology
- CSI: Dinosaur Provincial Park. Dr David Eberth, Royal Tyrrell Museum
- Keynote Speaker: Alberta Dinosaurs – Changing Perspectives in Research. Dr Philip Currie, University of Alberta.

Workshops:

- She Sells Sea Shells – A biography of Mary Anning – Dan Quinsey, APS President
- From Sea Urchins to Dinosaurs: How Skeletons Work - Dr Donald M. Henderson, University of Calgary
- Evolution on the Half-Shell: Diversity and Paleocology of Bivalved Molluscs – Dr Paul Johnston, Mount Royal College

**April 21, 2006**

Steller's Sea Cow: Lesson from a Recent Megafaunal Extinction?

Speaker: Paul K. Anderson, Emeritus Professor of Zoology, U of C

**September 15, 2006**

Paleobiological Controls on Dolomitization and Reservoir Development in the Mississippian Middle Beds, Weyburn Oilfield, Southeastern Saskatchewan. (Noon talk)

Speaker: A.D. Keswani and S.G. Pemberton (co-author)

Ichthyology research Group, Dept of Earth Sciences, U of A.

*Archaeopteryx* and the evolution of avian flight. (evening talk)

Speaker: Nicholas Longrich, University of Calgary.

**October 20, 2006**

Alberta Palaeontological Society Open House and Fossil Clinic

**November 17, 2006**

Hard Parts: The evolution of calcium carbonate skeletons in invertebrates

Speaker: Holly Parkis, University of Alberta

**December 15, 2006**

Silent Movie Monsters: Sir Arthur Conan Doyle's "The

Lost World" on the Silver Screen

Speaker: Cory Gross

**RESERVOIR DEVELOPMENT DIVISION**

No report submitted.

**SEDIMENTOLOGY DIVISION**

During the calendar year 2005/2006 the Sedimentology Division hosted six (6) lunch time talks, six (6) evening clastics club talks, and one (1) field trip. Talks were well attended (from 15-70 people). The sedimentology division maintains a website to post upcoming talks and provide a location to archives previous talks (<http://www.cspgsedimentology>).

The Sedimentology Division committee consists of 5 volunteers: Scott Rose (Birch Mountain Resources Ltd.) as Chair, Michael Webb (Imperial) as Co-Chair for lunch talks, Randy Rice (Suncor) as Co-Chair for evening talks, Per Pedersen (Apache) as fieldtrip coordinator, and Karsten Nielsen (Neo Exploration) as fieldtrip coordinator.

**Sedimentology Division Lunch Talks****November 24, 2005**

Murray K. Gingras, University of Alberta

Discerning Fresh- and Brackish Water Trace Fossils and identifying the Transition Between the Two

**January 18, 2006**

Jean-Yves Chatellier, Consultant

Simple Modeling of Quartz Cement Can Lead to Exploration Success

**March 27, 2006**

Hans G. Machel, University of Alberta

Diagenesis and Fluid Flow in the Southesk Cairn Complex, Alberta

**April 10, 2006**

Sharleen Ramos, AEUB – Coal and CBM Section  
Gas Shales – Potential and Role of Organic Matter in the Western Canada Sedimentary Basin

**May 3, 2006**

Kitty L. Milliken, University of Texas at Austin  
Reservoir Quality Assessment: Petrography as a Tool for Deciphering Kinetically-Dominated Systems and the Need for Petrographic Education

**June 3, 2006**

Per Pedersen, Apache, and Karsten Nielsen, Neo Exploration  
Field Trip - Cretaceous Successions in the Foothills of Alberta

**Clastics Club Evening Talks****September 19, 2005**

Bazlur Rahman and Charles Henderson, University of Calgary  
An Alternative interpretation for Doig and Halfway formations in the Peace River Arch area, West Central Alberta

**October 17, 2005**

Lisa Griffith, Consultant  
Lessons from the Appalachian Basin – from basin scale to tidal couplets

**November 21, 2005**

Dennis Meloche, Devon Energy  
Sedimentary environments and depositional history of an arid macrotidal estuary: Colorado River Delta, Baja California, Mexico

**February 20, 2006**

Brian Zaitlan, Suncor Energy  
Alternative correlation techniques utilizing chemostratigraphy in low accommodation settings with examples from the Basal Quartz and Basal Colorado

**March 20, 2006**

Eugene Dembicki, Suncor Energy  
Geology and production performance from Suncor's Firebag In-Situ Project

**April 20, 2006**

Andrew Beaton, Alberta Geological Survey  
CBM in Alberta: Geological controls on production

**STRUCTURAL GEOLOGY DIVISION**

The Structural Geology Division had a full slate of monthly lunchtime of talks and also organized and hosted a workshop/field in late September on the theme of "lateral structural changes in thrust belts." The Division is very appreciative of the efforts of all speakers in preparing and delivering their excellent presentations.

**Luncheon Presentations****January 12, 2006**

Satyaki Ray - Schlumberger Data and Consulting Services  
Fracture Characterization in Low Permeability Reservoirs

**February 9, 2006**

Zeev Berger - Image Interpretation Technologies Inc.  
Detection and Analysis of Basement Structures and their Influence on hydrocarbon plays in NEBC

**March 2, 2006**

Paul McKay - Consultant

A discussion on folds, faults and fractures – what are the controls?

**April 13, 2006**

Matthew Pachell - Anadarko Petroleum Corporation

A Comparison of Two Fault Seal Analysis Techniques, Case Study from Eastern Venezuela

**May 11, 2006**

Jim Davies & Martin Mushayandebvu - Image Interpretation Technologies Inc.

Understanding potential fields and their role in exploration - Basement structure mapping in Central Alberta

**June 8, 2006**

Glen Stockmal - Geological Survey of Canada

The southern Alberta Foothills and Front Ranges: A sampling of lessons from the past, and an outline of proposed GSC activities in the near-future

**September 14, 2006**

Larry Lane - Geological Survey of Canada

Phanerozoic Geological Evolution of the Canadian Beaufort Sea - Mackenzie Delta Region

**October 5, 2006**

William R. Jamison - The Upper Crust Inc. & HEF Petrophysical Consulting Inc.

Inference of Fold Stress/Kinematic History from Small Faults and Shear Fractures

**November 9, 2006**

Kirk Osadetz - Geological Survey of Canada

Do Cratonic Thermal Histories Record How Lithospheric Processes Affect Petroleum Systems?

**December 7, 2006**

Andrew C. Newson - Moose Oils Ltd.

True Stratigraphic Thickness (TST); an Important Element in the Exploration for Foothills Oil and Gas Reserves.

**September Workshop/Field Trip**

The Structural Geology Division hosted a two-day workshop/field trip on September 26 and 27, 2006 in Kananaskis Country. The central topic was "lateral structural changes in thrust belts." The first day of this event was devoted to presentations (in the comfort of a conference room in Kananaskis village) and the second to road stops and hikes to various features between Porcupine Creek and Highwood Pass. A total of 38 geoscientists attended, representing both federal and provincial geological surveys, the two main Alberta universities and many companies of the Calgary oil patch. Both conference room and outcrop presentations were made by a large number of the attendees, and the associated discussions (arguments) were abundant and productive. The format and venue worked very well, and the weather cleared for a spectacular hike to Desolation Pass.

**SERVICES**

**MEMBERSHIP COMMITTEE** (Ayaz Gulamhussein, Chair)

In 2006, the CSPG had 3250 individual members. Individual memberships were broken down as follows:

<b>Membership Type</b>	<b>Number of Individuals</b>
------------------------	------------------------------

Regular	2779
Associate	279
Emeritus	135
Honourary	43
Student	14

The CSPG also has 16 Student Chapters, with 354 members. The Student Chapters include:

Acadia University – Fletcher Geology Club  
 Dalhousie University – Dawson Geology Club  
 Lakehead University  
 McGill University  
 Memorial University of Newfoundland  
 Mount Royal College – Joli Fou Society  
 Queen’s University  
 Simon Fraser University – ESSU  
 St. Francis Xavier University  
 Saint Mary’s University  
 University of Calgary – Rundle Group  
 University of Laval – INRS  
 University of New Brunswick  
 University of Alberta – P.S. Warren Geological Society  
 University of Regina – D.M. Kent Club of Geology  
 University of Victoria

Membership with the Canadian Society of Petroleum Geologists has always offered both tangible and intangible benefits. Affiliating or identifying oneself with a prestigious professional organization, having access to multi-disciplinary technical information, creating opportunities for peer networking, and the opportunity to participate at member conferences. The CSPG membership committee will try to develop and foster our membership through the “4 R’s”: recruitment, retention, recovery and renewal.

### **Recruitment**

Recruitment will be done in a strategic and methodical way. Defining what the membership means, and what the community represents are critical to attracting new members. A member is not just “anyone,” but a person that fits into clearly defined interests.

### **Retention**

Members who see a well organized society, with purpose and direction, are likely to stay. The leadership of the Society must consider the input of members, and provide recognition for members’ efforts. Effective communication, receiving pertinent information and involvement in volunteer activities will also encourage retention.

### **Recovery**

Contacting past members, and trying to understand why they chose not to renew their membership – is a priority. Adding new programs and benefits will also entice past members to rejoin.

### **Renewal**

Similarly to recovery, adding new programs and benefits will encourage existing members to stay with the Society. A more active renewal approach is also being examined.

Our profession is arguably in the most envious position it has ever been in. Although there are a multitude of reasons that have contributed to this current situation, the world’s insatiable demand for energy is

undeniably the dominant one. This situation presents us with an opportunity, and a forum to accomplish many of the Society's previously envisioned objectives. A critical component that must be in place prior to accomplishing these goals – is a strong membership.

**VOLUNTEER MANAGEMENT** (Karen Webster, Chair; Colin Yeo, Secretary/Treasurer; Elizabeth MacInnes; Deanna Watkins, CSPG Membership/Programs/Services)

After 17 years of service to the CSPG, Deanna Watkins has elected to retire from the Society. We thank her for her contribution to the success of the Volunteer Management Committee and wish her well in her future endeavors.

The Volunteer Management Committee continued to fulfill its role of matching Society volunteers to committee vacancies and recognizing the efforts of our volunteers.

Six strategies are employed to achieve our goals:

- Identify current committee volunteer requirements
- Communicate committee volunteer opportunities and qualifications to the membership
- Proactively recruit qualified volunteers
- Match volunteer skills and competencies to committee needs
- Orient potential volunteers to the Society and train them to fulfill their roles
- Recognize our volunteers

The Committee's accomplishments include:

Identify current committee volunteer requirements

- Virtually all committees are aware of the services provided by the VMC. We have found that some committees prefer to promote from within and often recruit from the membership directly.

Communicate committee volunteer opportunities and qualifications to the membership

- We have revamped the volunteer section of the website. Volunteer applications are now more user friendly and management of the site is easier.

Proactively recruit qualified volunteers

- Placed 9 new volunteers on various committees
- Placed our first retired member on the Medal of Merit Committee
- We are now receiving unsolicited offers to volunteer from the membership

Match volunteer skills and competencies to committee needs

- Used the Volunteer Source sign-up questionnaire to identify the skills and preferences of volunteers which will be used in matching them to current Society committee needs

Orient potential volunteers to the Society, provide a job description and train them to fulfill their roles

- The VMC continued to ensure detailed and accurate roles and responsibilities were communicated to potential volunteers

Recognize our volunteers

- Held the third Volunteer Appreciation Day on January 24, 2006, prior to presentation of 2005 Volunteer and Service awards during a technical luncheon.
- Listed volunteer award winners in the Reservoir

With the help of the Executive and Office Staff, we overcame several barriers.

- Improved website access

But there are still some barriers to success.

- For the third year running, the “Blue Book” volunteer record has not been updated in spite of money being budgeted for this work
- The CSPG Executive has not completed a performance review of Society committees so that the VMC might supply qualified volunteers to help in committee improvement

Within the next year, the VMC intends to:

- Capture and update past volunteer service in order to recognize significant volunteer service and identify past volunteers who are not now volunteering.
- Review committee performance with the appropriate Executive Director with the intent of adding and moving volunteers
- Continue to actively recruit new volunteers through direct contact and follow-up.

#### **PHOTOGRAPHIC COMMITTEE** (Vic Panei, Chair)

The Committee provided photographic coverage at most of the Society’s Luncheon Meetings, Conventions and social events. Vic Panei has been the “official photographer” of the CSPG since 1974.

#### **HISTORY AND ARCHIVES COMMITTEE** (Clinton R. Tippett, Chair)

The History and Archives Committee was relatively inactive over the last year as the office looks after its routine historical records management requirements directly with the Glenbow Archives. A new liaison was established, however, with the History of Petroleum Geology Committee of the A.A.P.G. and it is hoped that this will lead to some cooperative ventures in the future.

#### **GROUP INSURANCE** (Robin Mann, Chair)

Group Insurance is a small committee that approves accredited insurance brokers to provide services to CSPG Members. The Committee also looks after getting group insurance discounts for members and handles any questions that members may have with respect to the group plans. The committee has arrangements with two broker groups to provide discounts for a variety of services:

##### **FMS Insurance (Financial Management AB Ltd)**

As a member of the CSPG, you can take advantage of lower premiums and superior coverage and service for your home and auto insurance and for your commercial, rental or vacation properties. FMS also offers excellent business coverage for CSPG members who have their own business or consultancy.

##### **Ogden Financial Planners Ltd.**

Offers various products of Life Insurance, Long and Short Term Disability, Health and Welfare Trusts and Critical Illness Insurance to members. In addition Ogden offers a variety of financial planning services, including estate planning, investments and RRSP’s.

#### **AWARDS COMMITTEE** (Heather Hunt, Chair)

In 2006, the 2005 Awards were given out in the same format as the previous year. All awards were presented at Technical Luncheons throughout the first 6 months of the year, with the exception of the Honourary Membership which was presented at the Long Time Members Reception. Measures were taken to ensure that the award recipient was highlighted at the luncheon and that they received the recognition they deserved. A speech was delivered before the award was given out and the recipient’s name was featured on a slide so everyone at the luncheon could see who the winners were. This format was effective and will continue for the upcoming year.

#### **CSPG 2006 Award Winners:**

Stanley Slipper Gold Medal	Not nominated yet
RJW Douglas Medal	Margot McMechan
President's Award President's Special Award	Mark Cooper Roy Benteau Kevin Marsh
Link Award	Not nominated yet
Honorary Membership	Alice Payne James MacDonald
Medal Of Merit	S. George Pemberton Murray Gingras
H. M. Hunter Award	Jack Porter Ian McIlreath
Track Awards	Mike DesRoches Bob Dick Godfried Wasser
Service Awards	Darren Aldridge Elizabeth Atkinson Jim Barclay Doug Cant Greg Cave Pauline Chung Gela Crane Jim Gardiner Brad Hayes Adam Hedinger Kris Jewett Ken Jones Fiona Katay Ian Kirkland George Langdon Eric Mountjoy Andy Newson Elizabeth O'Neill Kirk Osadetz Andrea Reiserer Mike Seifert Darren Singleton John Varsek Jeannette Watson
Volunteer Awards	Wes Bader Ryan Barnett Diego Barrenechea Friederike Baumeister Travis Brookson Allan Carswell John Cody Danielle Demmans

Ian Dewolfe  
Marianne Doehler  
Warren Dublonko  
Mark Dzukowski  
Carly Frank  
Wim Jalink  
Glenn Karlen  
Jeff Lukasik  
Elizabeth MacInnes  
Mark Mallamo  
Chris May  
Nolan Moore  
Marilyn Neary  
Guillaume Nolet  
Terry Poulton  
Domenico Ranieri  
Al Rutherford  
Randy Smith  
Kimberly Tanasichuk  
Jolene Wood

#### **CSPG 2006 Awards and Committee Chairs**

Tracks, Service & Volunteer (Vacant)  
H.M. Hunter Award (Craig Lamb)  
President's Award (Jim Reimer)  
Honourary Membership Committee (Chair: Don Keith)  
Link Award Committee (Chair: Rick Steedman)  
Medal of Merit (Chair: Ian Kirkland)  
R.J.W. Douglas Medal (Chair: Graham Davies)  
Stanley Slipper Gold Medal (Chair: John Hogg)

#### **SOCIAL EVENTS**

##### **PAST PRESIDENT'S DINNER** (Jeff Packard, Chair)

On October 11, 2005 Craig Lamb hosted the 2005 CSPG Past-President's Dinner. We were extremely pleased that 23 of that select group were able to join the current executive and key staff members for a nice meal at the Calgary Petroleum Club for an update on current CSPG finances, activities, and areas of concern. Bruce McIntyre presented a review of the refurbished CSPG Education Trust Fund (the 'Trust'), and its plans for a major campaign in 2006. This was followed by then president, Dr. Jeff Packard, who presented an overview of 2004-05 CSPG programs and initiatives and in particular outlined the results of the Strategic Planning exercise that the executive had just completed. He then entertained questions from the floor. The evening's discussions primarily centered on two themes: 1) the advisability of, and possible means of executing, a much more proactive and visible advocacy stance (CSPG to various levels of government); and 2) recruitment of student members and attracting the best and brightest to the profession. There seemed to be general agreement that the Society needs to increase its public profile (and visibility to decision makers) and that it should put more resources towards its outreach efforts.

##### **LONG TIME MEMBERS RECEPTION** (Regan Palsgrove, Chair)

The Sixth Annual Long-Time Members Reception (LTMR) was held on Tuesday, May 16, 2006 at the Rotary House on the Stampede Fairgrounds. The LTMR is a cocktail party designed exclusively for our most senior members, those with 30 or more years of membership.

Invitations for the LTMR were sent out in the middle of May and included a list of invitees. Over 400 people were invited; this consisted almost entirely of our long-time members, along with members of the

Executive, the CSPG Educational Trust Fund (ETF) and the Honorary Membership Award committee. This event has become a regular-enough event that it is anticipated way in advance by our long-time members; and they tend to call if they feel they should have been invited, but weren't.

As usual, the event was a tremendous success and everyone agrees that the Rotary House is a great spot for this event to be held. Every attendee received 2 drink tickets, and a large buffet of appetizers was provided.

The presentation of the Honorary Membership to Clayton Riddell and Gordon Williams was held at the reception. Last year's Honorary Membership recipients, Fred Calvery and Ian McIlreath, presented Clayton and Gordon with their framed Membership Certificates. CSPG President Jim Reimer read the short program and thanked Clayton and Gordon for their years of contribution to Geology and their dedication to our society.

As in previous years, the Reception was held from 4-6pm and as per usual, people even lingered past 7:00pm! This clearly illustrates how much our members enjoy this event and why we will keep this event an annual tradition. See you next year!

**MIXED GOLF COMMITTEE** (David Middleton & David Caldwell, Co-Chairs, Dick Willott, Penny Christensen, Hugh Wishart, Carter Clarkson, Stephen Robinson, Norm Hopkins and Kim MacLean, CSPG Corporate Relations)

The 17<sup>th</sup> Annual CSPG Mixed Golf Tournament was held at D'Arcy Ranch Golf Course on August 25<sup>th</sup>, 2006. The tournament was held on another perfect Alberta day, with sunny skies and warm temperatures, and involved 144 enthusiastic golfers, and the course was in perfect shape. This year we had a full tournament, with several disappointed golfers on the wait listing.

The tournament committee consisted of David Middleton & David Caldwell as co-chairs, Dick Willott, Penny Christensen, Hugh Wishart, Carter Clarkson, Stephen Robinson, Norm Hopkins and Kim MacLean. Thanks also to Brenda Pearson and Kathy Scales for helping at registration.

Big thanks to FMA Insurance as our platinum sponsor. We also appreciate our other sponsors at the gold level, Weatherford Canada and Tucker Wireline Services, and our silver sponsors, AGAT Laboratories, Baker Atlas, IHS Energy, and Recon PetroTechnologies, along with the breakfast sponsor Bodycote Norwest Labs, and many hole sponsors, and the various companies that graciously donated prizes. Everyone was recognized by copious signage on course, in the dining and breakfast areas, and on the road into the course, and our premier sponsors had the opportunity to put up a banner on the clubhouse.

The trophy for Low Gross was won by the team of Shawn Lafleur, Ron Hill, Richard Klippenstein and Deanna Watkins. The Low Net trophy was captured by the team of Sean Pearson, Andrew Arthur, Murray Dublonko and Tamea Arthur. The High Gross trophy was awarded to the team of Lincoln Browning, Victor Irwin, Ann Blair and Clarence Campbell.

A variety of skill prizes of long putts, long drives for the various levels of golfers, balls in the sand, coulee or water were won, with the golfers taking home a variety of gift certificates. Unfortunately, no one was precise enough of a shot maker to win the geologic "Alaska Cruise for the team", or the Global Energy \$10,000 prize, but everyone made a good attempt. Terry Phillips and Amanda Holowach were the skillful winners for the two iPod Nano players on the FMA closest to the target holes.

The on-course hospitality venues hosted by Recon PetroTechnologies, IHS Energy, geoLOGIC and Baker Atlas were well appreciated by tournament attendees, and everyone had fun participating in the various skill prizes.

The always popular tournament draw prize of mountain bike was won by Leanne Ewashen, and Bob Robson was the happy winner of the iPod and speakers. Many other prizes such as a digital camera, LCD TV, and gift certificates were drawn for from the attending golfers.

Tucker Wireline ran the putting contest as the tournament was proceeding, giving everyone a chance to compete, and also donated the putting contest prize, a \$600 gift certificate to the Fairmont Resorts. The very pleased winner of the contest was David Harris.

Baker Atlas once again was very generous in donating a "Golf with Lanny" package, and tickets on the draw were sold to the crowds, and Dwayne Sparks was the lucky winner of golf & dinner for 3 with Lanny McDonald, and transportation by limo. Additional trust draws were for golf and accommodation. The proceeds from the mulligan tickets were also directed to the CSPG Trust. The Mixed Golf tournament was pleased to be able to donate \$2710 to the CSPG Trust at the end of the tournament.

We look forward to seeing everyone next year at D'Arcy Ranch for the 18<sup>th</sup> Annual tournament. Thanks to all the committee members for their hard work and support of the tournament. I know the members and guests who attended had a great time and appreciated the fellowship on the course and the various hospitality venues.

**SQUASH TOURNAMENT** (Colin Thiessen & David Caldwell, Co-Chairs, Chris May, Kris Jewett, Jessie Gould, Travis Brookson, Ryan Barnett, Jolene Wood, Warren Dublonko, Al Rutherford, Randy Smith, Dell Pohlman, Kim MacLean, CSPG Corporate Relations)

This ever increasingly popular event managed to sell out in January, creating a waiting list of over 15 people. David Caldwell, Co-Chair of the CSPG Squash committee said the committee worked hard to get some of the people from the wait list into the tourney as some last minute cancellations opened up spots. Nonetheless, several people found themselves on the outside looking in as the 23<sup>rd</sup> Annual event took place. "We have had waiting lists before, just never had one this long. "It looks like people will have to get their entries in earlier next year," said Caldwell.

The tourney was a huge success again as over 140 people, mostly earth scientists and sponsors took part in the event. This year saw 14 students enter the tourney from SAIT, U of C, U of A and Mount Royal. Colin Thiessen, Co-Chair of the CSPG Squash Committee, believes that is a record number of students for this tourney. "The students have a great time at this tourney. They get to eat and drink for next to nothing all weekend. This fits in well into the typical student budget," says Thiessen. "Plus they get to network for future opportunities in the Oilpatch."

These spots generously paid for by EnCana Corporation, were acknowledged at the Saturday Banquet by one of the Student Representatives.

Once again Tucker Wireline led the way with its huge contribution as Tournament Sponsors. Thanks to Tucker there was two open court nights at the Bow Valley club, great tourney shirts, a fantastic wrap up banquet plus more contributions than can be mentioned in this short article. Weatherford Wireline and Logging Services chipped in for a Premiere sponsorship. Baker Hughes followed up with its Premiere Sponsorship and the coveted "Teams Tourney".

This year's Teams Tourney was extended from 8 to 10 teams to fill the demand for extra competition and camaraderie as the traditional 40 person limit was met quickly. "If you are out of the competition early, you still have a chance to play and have some fun," says Caldwell. "By extending the Teams Tourney to include 50 people, we allowed pretty much everyone a chance to get in on the action."

The event was highlighted by a "women's only" team that gave a few teams some serious squash lessons. When all was said and done, a few people were left standing but most headed for the showers, hot tubs or Sound Relaxation booth to relax and regroup from nearly 3 hours of the team competition.

Hats off to the 13 person Committee that worked hard for months to bring this tourney together. "I believe this is one of the most popular tournaments in Calgary," says Caldwell. "We have an easy time getting people to help because it is such a fun tournament."

Thanks to all of the 2006 Committee of Chris May, Kris Jewett, Jessie Gould, Travis Brookson, Ryan Barnett, Jolene Wood, Warren Dublonko, Al Rutherford, Kim MacLean, Randy Smith, Dell Pohlman, Colin Thiessen and David Caldwell.

One of the highlights of this year's tournament was Pasta Night on Friday; it was undoubtedly a hit again this year. "We typically budget for 100 people and had almost 110 fill their bellies this year," said Caldwell. "We also gave out a higher number of Taxi Chits on Friday night this year; quite an odd coincidence."

Once again, thanks to Arcis for sponsoring the Taxi Rides again this year.

Highlight of the tourney may have been the "Skirt Match" between Dell Pohlman and Bruce Schultz. In a feeble attempt to show a little leg, both of the Men's A participants donned skirts and other feminism apparel as they fought hard to see who was the most manly...? In an effort not to mince words, Dell came out on top. No one broke a nail or had a snag in their nylons.

On behalf of the Committee...A big thanks to all of our Sponsors. Without companies like Tucker, Baker and Weatherford, this tournament would not be possible in its current format. We would also like to thank all of the other sponsors and prize donors for their contributions. Thank you to all of the participants as well. Remember to set your clocks for next year and get your entry in early. Thanks to Kim MacLean and the CSPG for all of its help. Through all of our efforts, we managed to raise almost \$4000 again for the Educational Trust Fund this year.

**10K ROAD RACE AND FUN RUN** (Fiona Katay, Chair, Stuart Mitchell, Cindy Koo, Dorothy Chen, Vic Urban, Kathy Taerum, Christine Manion, Anne McIntyre, Matt Hall, Angela Kennedy, Kim MacLean CSPG Corporate Relations)

This year's 18<sup>th</sup> Annual CSPG/CSEG 10k Roadrace and Fun Run was held on Wednesday, September 13, 2006. The evening turned out to be very pleasant, filled with enthusiasm and fun. The course started at Eau Claire and took runners along the Bow River pathway on the south side of the river. Some runners were seen trying to chase down their co-workers in friendly competition in this 10km event, and others met their match eating pizza at the post-race social. It was great to see so many runners out this year, despite the wet weather! Like every year, it's nice to see that we had runners of all abilities, some seasoned and speedy runners, as well as some first-time racers. The post-race social was held at Quincy's once again, where the racers and volunteers attempted to devour their weight in pizza and numb their aches with refreshments while awards and prizes were being given out.

Many thanks go out to the volunteers and sponsors, without whom this event is not possible. Great job as well to everyone who ran!

This year's sponsors were: Veritas, Tucker Wireline, Gord's Running Store, Conroy Ross Partners, IHS Energy, Weatherford, Devon, Apoterra Seismic Processing, CGG Canada Services, Divestco, Earth Signal Processing, Paradigm, Regent Resources, Vault Energy Trust, Arcis, Baker Atlas, Birchcliff Energy, High Pine Oil, Spitfire Energy, Petro-Canada, AGAT Laboratories, and thanks to all the staff at the YMCA.

Special thanks also go out to this year's race committee for all your efforts: Stuart Mitchell, Cindy Koo, Dorothy Chen, Vic Urban, Kathy Taerum, Christine Manion, Anne McIntyre, Kim MacLean, Matt Hall, Angela Kennedy, and race director Fiona Katay.

The results can be found by clicking on the link at <http://www.cspg.org/events/events-social-funrun.cfm>. Here's a summary of the CSPG, CSEG and CAPL winners from this year's race:

<p>CATEGORY : Female CSEG</p> <p>Place Name            Time    Pace</p> <p>=====</p> <p>=====</p> <p>1 Lorna HAWLEY        44:35 7:11</p> <p>2 Kathy WATERS        50:20 8:06</p>	<p>CATEGORY : Male CSEG</p> <p>Place Name            Time    Pace</p> <p>=====</p> <p>=====</p> <p>1 Don GEE                37:56 6:07</p> <p>2 Richard KELLETT    38:00 6:07</p> <p>3 Anthony STEENBERGEN 38:14 6:10</p>
<p>CATEGORY : Female CSPG</p> <p>Place Name            Time    Pace</p> <p>=====</p> <p>=====</p> <p>1 Anne MCINTYRE        49:20 7:57</p> <p>2 Lisa MACKINNON      58:09 9:22</p> <p>3 Kathy CHERNIPESKI   58:34 9:26</p>	<p>CATEGORY : Male CSPG</p> <p>Place Name            Time    Pace</p> <p>=====</p> <p>=====</p> <p>1 Darren LAZARUK       38:17 6:10</p> <p>2 Mike MOKIEVSKY-ZUBOK 40:10 6:28</p> <p>3 Robin SANDAU        40:49 6:35</p>
<p>CATEGORY : Female CAPL</p> <p>Place Name            Time    Pace</p> <p>=====</p> <p>=====</p> <p>1 Kellie D'HONDT       42:42 6:53</p> <p>2 Stephanie HAY        46:19 7:28</p> <p>3 Jessie FLETCHER      49:31 7:59</p>	<p>CATEGORY : Male CAPL</p> <p>Place Name            Time    Pace</p> <p>=====</p> <p>=====</p> <p>1 Ken YOUNG             38:31 6:12</p> <p>2 Doug KARY             39:44 6:24</p> <p>3 Roger RODERMOND    42:35 6:52</p>

We look forward to seeing you again next year, race date will be September 12, 2007!

Race Director for 2007: Christine Manion [chris@forsaw.ca](mailto:chris@forsaw.ca)

**CSPG ANNUAL HOCKEY TOURNAMENT** (Frank Pogubila, Chair, Howard Brekke, Scott Patterson, Tom Charuk, Colin Theissen, Dave Moore, Mike Eddy)

The 7th Annual CSPG Hockey Tournament was scheduled to be held Thursday September 7th to Saturday September 9th at the Calgary Centennial Arenas. This tournament is a fun, non-body checking hockey tournament open to all CSPG/ CSPG members. Registration includes; guaranteed 4 games, Saturday night windup banquet, jersey and door prizes. Each team is comprised of players of all skill levels. Two divisions of four teams play in a round robin tournament with the top two teams playing in a final game late Saturday afternoon.

Regretfully, the 2006 CSPG Hockey Tournament Committee had to cancel this year's hockey tournament due to the lack of participation and lack of available ice times.

## SOCIETY LIAISONS

### AAPG HOUSE OF DELEGATES: CANADA REGION

#### HOD Executive

President: Warren Workman  
Vice President: Dave Scott  
Secretary/Foreman: Robert A. Phelps

#### Delegates 2006

Katherine Bergman  
Michael Clegg  
Bill Haskett

John Hogg  
Dave Scott  
James Stanley Brown  
Paul English  
Christopher Heath  
Robert A. Phelps  
Warren Workman  
Ross Clark  
Syed Hasan  
Martin Hewitt  
Dean Potter

### **Initiatives and Mandates**

Current Initiatives and Mandates include:

- Continue to improve Canada Region's membership and status within the AAPG organization by increasing executive visibility on the part of Canada Region
- Increase membership in AAPG by streamlining the application of non members who have accredited status in APEGGA to Active membership in AAPG
- Maintain and improve relationships with other geoscience societies throughout North America as well as international

### **COMMUNICATIONS**

**COMMUNICATIONS COMMITTEE** (Ashton Embry, Chair; Mark Cooper, New Publications; Glen Stockmal, Bulletin; Ben McKenzie, Reservoir; Mark Dzikowski, Calendar; Astrid Arts, Electronic Communications; Peter Hay, Index of Publications; Jaimè Croft Larsen, CSPG Communications & Public Affairs)

Details of various Communication activities can be found in the individual reports of the various committees. Some of the past year's highlights include:

- The Bulletin continues to publish many excellent papers on a variety of petroleum geology related. Glen Stockmal is doing a terrific job of ensuring the rapid publication of high quality science. In conjunction with CSPG staff, Glen is assessing web-based manuscript submission and review systems.
- Ben McKenzie and Jaimè Croft Larsen, CSPG Communications & Public Affairs, continue to oversee the creation and production of The Reservoir. It always has lots of worthwhile information and at the same time makes money for our Society thanks to Kim MacLean's hard work selling advertising.
- Mark Dzikowski oversaw the creative aspects of the picturesque 2006 calendar and, while Jaime, ensured it arrived in a timely manner. The recently developed online submission process for digital pictures has resulted in a much more convenient way for members to submit their favorite geological photo. The 2007 calendar is all set to go to the printer.
- Astrid Arts and her Electronic Communications Committee made great strides during the fiscal year. The new and greatly improved website was online in January and has many great features which are described in Astrid's more detailed report.
- Jon Dudley and the enthusiastic Public Affairs team continue to increase the visibility of the CSPG. The numerous initiatives and various events the committee worked with throughout the year are described in Jon's report.

All those connected with the CSPG Publications Committee continue to do a great job and serve our members in many ways. Jaimè Croft Larsen, CSPG Communications & Public Affairs, ensures everything goes smoothly and provides invaluable support for all the committees.

**BULLETIN** (Editor: Glen Stockmal; Managing Editors: Peggy Ferguson (Sept. '05 – June '06) and Denise Then (June '06 – present); Production Editors: Beverly Ross and Kim McFarlane; Layout Designer: Kathy Joslin, Jaimè Croft Larsen, CSPG Communications & Public Affairs)

The *Bulletin of Canadian Petroleum Geology* is published quarterly, in March, June, September, and December. The September 2005 through June 2006 issues of the *Bulletin* contained 16 peer-reviewed scientific papers and one geological note. These spanned 433 pages and included 23 foldouts of which the largest was 86.4 cm (34 in.) in length. Our continuing policy of printing long foldouts makes the *Bulletin* a popular choice for authors publishing stratigraphic and structural cross-sections. In fiscal year 2005-2006, the *Bulletin* received 27 manuscripts for consideration for publication. Of these 27, five will appear in the September 2006 guest-edited special issue stemming from the 2005 CSPG Gussow conference “Coalbed Methane: Back to the Basics of Coal Geology”, and eight are targeted for an anticipated thematic issue on the Bowser Basin of interior British Columbia.

Although we are currently somewhat behind schedule with respect to publication dates (the June 2006 issue appeared in August, and the September issue will likely not appear until October), we hope to be back on track by the new calendar year. In spite of this, most papers are appearing in print in less than 12 months from the date of submission. Those that do not are generally due to the authors' response time to the required revisions.

In late spring 2006, we assessed four web-based manuscript submission and review systems, to better manage the editorial workflow and to reduce the time frame to publication as well as costs. A choice among these will be made this fall, and implemented by the end of the calendar year or early next year.

CSPG members now have on-line access to *Bulletin* archives. Through the CSPG web page, members can retrieve high-quality PDF files from GeoScienceWorld of full papers dating back to 2000 or abstracts dating back to 1965, or they can access the AAPG Datapages collection of full papers dating all the way back to 1953. Access to *Bulletin* articles by GeoScienceWorld subscribers has resulted in modest revenue for the society.

**RESERVOIR** (Ben McKenzie, Technical Editor; Jaimè Croft Larsen, Coordinating Editor and Operations; Kim MacLean, CSPG Corporate Relations)

The Reservoir has averaged 45 pages per issue over the past year. While a large portion of this material consists of the usual Society updates, reports on activities, and technical talk abstracts, there were also a number of geoscience-oriented articles which covered a broad spectrum of topics. These were authored by individual CSPG members and by industry, government, and academia groups. Some examples include articles on drilling techniques by Wasim Paracha, horizontal well geo-navigation by Rocky Mottahedeh, Saskatchewan exploration updates by the Saskatchewan Industry and Resources, detailed prospect reviews by Canadian Discovery, seal risking by the U of C Petroleum Reservoir Group, and retirement trends by the BMO. In addition to committee volunteers, the Reservoir continues to rely heavily on the efforts of the CSPG Communications & Public Affairs – Jaimè Croft Larsen. Thanks goes to all involved.

**CALENDAR** (Mark Dzikowski, Chair; Dave Hills, Chad Heslip, Jaimè Croft Larsen, CSPG Communications & Public Affairs)

Early in the fiscal year the 2006 Calendar was distributed to the members with the December Reservoir. Most of the activities during the fiscal year centred on the preparation of the 2007 calendar. It was decided that we needed to streamline the submission process in order to increase the number of submissions. This was already in the works for the new website and Jaimè ensured that the engine was operational by the time the call for photos was published in the May 2006 Reservoir. Thirty four photographers submitted 123 photographs with 86 photos in digital format, 26 photos in slide/positive format and 11 photos in print/negative format.

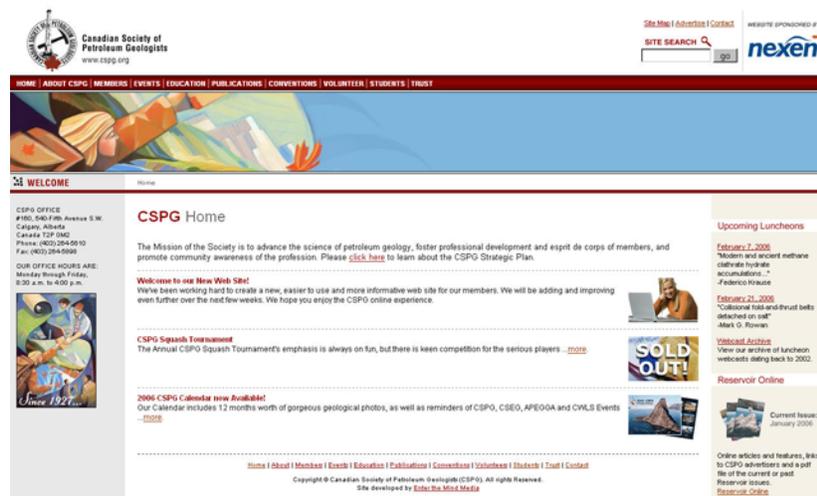
This year the selection committee consisted of five CSPG members who got together for one night and went through all the submissions and ranked them on a spreadsheet. The scores were normalized and photos receiving the highest scores were selected for the calendar. The committee ended up picking four foreign content photos and nine Canadian content photos for the 2007 Calendar. The Best Photo prize of \$200 was awarded to Ashton Embry based on the selection committee votes. The Best Student Photo prize of \$200 was not awarded as no student photo was selected for the Calendar.

Creative Cat Inc. was once again recruited for the graphic design of the calendar and Donna from Creative Cat Inc came up with a great template for this year. SunDog will print the 2007 calendar. Overall, the production of the 2007 Calendar has gone very smoothly thanks to the efforts of Jaimè Croft Larsen, Kim McLean and the Calendar Committee.

**ELECTRONIC COMMUNICATIONS** (Astrid Arts, Chair, Sami Riahi, E-Newsletter Editor, Krista Jewett, Website Committee Liaison, Glenn Karlen, Datapages, Jaimè Croft Larsen, CSPG Communications & Public Affairs)

## Website

The new cspg.org website was launched in January 2006. The redesign of the website and maintenance of our static site is now outsourced to Enter the Mind Media. The secure portion of the website (The MEMBERS ONLY area that interfaces with our iMIS Database) is maintained by © Systems LLC. © Systems LLC also provide support for our entire iMIS system and host the society and convention websites.



*the look of the new www.cspg.org*

New websites features brought to the membership this year:

- Access to digital archive of the CSPG Bulletin through AAPG Datapages and GeoScienceWorld
- Access to the Abstract Archive for all CSPG Conventions/Conferences dating back to 2001
- Enhanced webcast archive
- Online Calendar Photo Submissions
- Online Registration for the Mixed Golf Tournament

The committee plans to continue expansion of the site. New features planned for 2007 include online manuscript submission for the Bulletin, Desktop Wallpaper, online bookstore and online registration for more events.

## CSPG E-Newsletter

The E-Newsletter continues to be an alternative method to get information out to the membership. Each month a short newsletter with information on upcoming events and deadline reminders is sent out to the membership. In the next year, plans are to update the look of the E-Newsletter to an html format that will incorporate the CSPG Identity image and move the compilation of the newsletter from a volunteer role to a responsibility of Communications and Public Affairs – Jaimè Croft Larsen.

### **AAPG Datapages [www.aapg.org](http://www.aapg.org)**

A complete archive of the Bulletin of Canadian Petroleum Geology (1953-present) is available in HTML or PDF format through AAPG Datapages. This archive can be viewed but CSPG members through the MEMBERS ONLY portion of the CSPG website [www.cspg.org](http://www.cspg.org) or through the AAPG Datapages Corporate Subscription Site at [www.aapg.org](http://www.aapg.org). The CSPG received \$12,095.82 CDN in royalties from Datapages in 2006. The CSPG is still in discussion with Datapages about the digitization of our Memoir Collection.

GeoScience World [www.geoscienceworld.org](http://www.geoscienceworld.org)

The CSPG Bulletin collection at GeoScienceWorld (GSW) includes complete papers from our Millennium Collection (2000-present), and abstracts back to 1965. The archive can be viewed through the MEMBERS ONLY portion of the CSPG website [www.cspg.org](http://www.cspg.org) or through the GeoScienceWorld website at [www.GeoScienceWorld.org](http://www.GeoScienceWorld.org). Articles are available in either PDF or HTML format. Glen Stockmal continues to be the CSPG Representative on the GSW Advisory Council. Royalties from GSW were \$8,626.42 CDN in 2006.

**PUBLIC AFFAIRS** (Jon S. Dudley, Chair; Grant Gerla, Stan Stancliffe, Gina Schiltz, Jordanna Fraser with assistance from Kim Maclean (Corporate Relations) and Jaimè Croft Larsen, CSPG Communications & Public Affairs)

In 2005/2006 the Public Affairs Committee (PAC), affiliated with the Communications Committee, continued to facilitate communication between the CSPG and the general public, potential CSPG members amongst geologists and geology students, and current CSPG members by distributing, creating and coordinating development of communication materials.

### **Communications Materials**

#### **New Graphics and the Website**

In the PAC's ongoing efforts to help establish a standardized "brand-look" to CSPG materials, it encouraged the use of elements of the new website graphics in publications that it produced, or reviewed, from other volunteer committee publications. The website graphics as developed by artist Charles Bell under guidance of Astrid Arts and assistance and experience of Jordanna Fraser, Gina Schiltz, and Jaimè Croft Larsen has proven to be versatile in serving multiple uses including CSPG exhibit displays, portfolio folders and others in addition to the website.

#### **Guidelines for the Development of CSPG Publicity Materials and Use of the Logo**

"CSPG Publications and Logo Guidelines" were posted on the new CSPG website at <http://www.cspg.org/about/governance-policies>. This is in an effort to give the various committee volunteers the freedom to produce materials for their respective committees while at the same time ensuring a standard CSPG brand look amongst the various products. There are also guidelines to help prevent inadvertent copyright infringement. Many committees are now following the process of submitting their various publication designs to Public Affairs, through Jaimè Croft Larsen, for review to ensure adherence to the guidelines. Thank you to all of the volunteers for their on-going cooperation in this regard.

#### **Pop-Up Display**

The portable trifold display was augmented by the creation of three large banner-formatted pop-up displays which integrate design elements from the new website graphics. These were debuted at the CSPG Centre at the 2006 annual conference. These displays are available to all committees for use as a CSPG focal point for attendees events such as the Honorary Address at the Jubilee Auditorium, APEGGA U of C and U of A Mixers and undergraduate geology conferences.

### **CSPG Portfolios**

The PAC continues to provide assembled portfolios as required for distribution by CSPG representatives at various events.

### **Events Supported**

The PAC attended and/or supplied the above communications materials to a number of events in the past year including:

U of A Science Career Fair  
CSPG/CSEG Honorary Address Jubilee Auditorium  
APEGGA Mixer at U of Calgary  
APEGGA Mixer for U of A in Red Deer  
Atlantic Universities Geological conference  
Western Inter-university Undergraduate Geology Conference

Sales at some events included geological highway maps, and the “Geology of Mount Robson” brochure. The PAC believes that sales of CSPG materials of interest to visiting geologists and the general public is critical for the CSPG’s profile especially in view of its limited distribution which is only out of the office and not easily available to the general public. This year the PAC handed out novelty CSPG yo-yo’s to over 75 youngsters at the evening Honorary Address. This was very successful and made fun by encouraging the children to ask an age-appropriate “skill-testing” question based on the evening’s talk in order to “win” a yo-yo.

### **Ads / Public Event Sponsorship**

The CSPG gladly supports many other groups in the community at large through buying ad space and / or providing in-kind sponsorship. Examples of these activities in the last year include:

Alberta Federation of Police Associations (ad in support)

### **NORTH AMERICAN COMMISSION ON STRATIGRAPHIC NOMENCLATURE** (Brian R. Pratt and Octavian Catuneanu)

The NACSN met, as it always does, at the annual meeting of the Geological Society of America, on 17 October 2005 in Salt Lake City, Utah. The NACSN acts as the guardian of the North American Stratigraphic Code and commissioners represent federal, provincial and state geological surveys and various affiliated geological societies and institutions, and they hail from the U.S.A., Canada and Mexico. It also acts in a liaison capacity with the International Sub-commission on Stratigraphic Classification of the International Union of Geological Sciences. This year saw the publication of the latest edition of the Code in AAPG Bulletin, v. 89, no. 11 (2005). It can be downloaded from the NACSN website which is under the auspices of the American Geological Institute <[www.agiweb.org/nacsn](http://www.agiweb.org/nacsn)>. The new Code is not substantially different from the previous edition which came out in 1982, but members of the Society are encouraged to read it. The ISSC is planning a revised “International Stratigraphic Guide” which will incorporate more recent themes such as sequence stratigraphy, and members of NACSN and other interested parties are asked for their input. Additional activities included arranging with a new journal, *Stratigraphy*, for publishing NACSN minutes and other business, and discussing the current controversy about the use of the names Tertiary and Quaternary. This latter issue came up because the International Commission on Stratigraphy, also part of IUGS, which maintains the International Stratigraphic Chart, has taken the position to abandon these names. This chart is available from their website

<[www.stratigraphy.org](http://www.stratigraphy.org)>. They have also published, in 2004, a new book “A Geological Time Scale” which might be of interest to members of the Society.

#### **STRATIGRAPHIC NOMENCLATURE** (Ashton Embry, Chair; Jim Barclay, Tony Tankard)

No manuscripts were submitted to the committee during the fiscal year.

### **BUSINESS**

#### **CORPORATE RELATIONS:** (Jim Reimer and Colin Yeo, Co-Chairs; Kim MacLean, CSPG Corporate Relations)

To meet its annual goals, Corporate Relations (CR) works with all committees to develop and strengthen the corporate system within the CSPG creating a seamless, cohesive interface with the corporate community throughout Canada in support of the programs and services offered by the Society.

This year focused on coordinating Corporate Relation’s functions across CSPG committees to increase committee synergies. CR also worked closely with the CSPG Educational Trust Fund (The Trust) to align their annual needs with the CSPG annual program and effectively increase awareness of The Trust.

CR continues to concentrate on understanding the needs of our corporate partners in an effort to align corporate partners with committee needs as well as improve stewardship. This focus has resulted in new corporate alliances, stronger existing corporate relations and increased CSPG and Trust profiles within industry.

In addition to establishing a stronger foundation, CR also worked with the following committees in support of their respective programs/services/projects:

- Geological Calendar
- Reservoir Magazine
- CSPG Website
- Annual Convention
- Technical Luncheon
- Technical Divisions
- University Outreach
- General Membership Benefits
- Corporate Membership
- Volunteer Committee
- CSPG Educational Trust Fund
- Student Industry Field Trip
- Honorary Address
- 10K Road Race & Fun Run
- Mixed Golf Tournament
- Squash Tournament

The Geological Calendar and Reservoir publications have had a successful year. Networking amongst members and industry representatives has provided new sources of calendar photos from across Canada and new clients for the Reservoir.

There were 38 Corporate Members this past year, all of whom are recognized on the inside cover of the Bulletin, in the annual Geological Calendar, as well as in the Reservoir magazine. A new Corporate Membership Program will be rolled out in 2007.

Corporate Relations would like to especially thank and acknowledge our Corporate Partners, Advertisers, CSPG Volunteers, and other Key Stakeholders; through their support of time, resources and investment,

the CSPG would not have the impact it has had through its many programs and services provided to industry.

We look forward to our continued partnership with you in 2007.

**ADVERTISING COMMITTEE** (Norbert Alwast and Tim Bird, Co-Chairs; Bob Kuchinski, Burdine Chmilar, Kim MacLean – CSPG Corporate Relations)

The Advertising Committee reports directly to the Corporate Relations Committee and primarily participates in the Technical Luncheons, Reservoir magazine and website programs. We create marketing opportunities that meet our client needs and align to the CSPG's goals and objectives. Through the Technical Luncheon program we coordinate and prepare advertising and general Society announcement presentations. Our aim is to serve the membership and support our Technical Luncheon program by defraying costs through advertising and sponsorship.

We would like to increase our numbers on the Advertising Committee. If you are interested, please contact Kim MacLean at the CSPG Office. We welcome your feedback and suggestions.

## OUTREACH

This is the second consolidated report of the eight committees that make up the CSPG Outreach Division. The Outreach division is concerned with university and public education programs, enhancing the development and delivery of petroleum geology programs through awards and scholarships, raising the interest and awareness of geoscience students and the public regarding petroleum geology.

The committees that make up Outreach are: Graduate Thesis Awards, Honorary Address, Regional Scholarships, SIFT (Student Industry Field Trip), Special Events, Undergraduate Awards, University Outreach, and the Andrew Baillie Awards.

Activities outside the defined committees included support and attendance at many youth outreach events, and inclusion on many intersociety, sector council and educational committee meetings. Plans for the future will include establishing a Youth Outreach Committee, develop better communications materials for schools, educators and career shows, and continue to grow our existing successful programs to serve undergraduate & graduate students in geology.

**CSPG GRADUATE STUDENT THESIS AWARDS COMMITTEE** (Andre Chow, Chair, Kathy Aulstead, Tim de Freitas, Leslie Eliuk, Tony Hamblin, Jeff Lukasik, Terry Sami, Rob Scammell, Eileen Scott, Wendy Shier, Martin Teitz)

Each year this committee evaluates and selects one M.Sc. and one Ph.D. thesis that makes the most significant contribution to sedimentary and/or petroleum geology in Canada. Awards for the top thesis in each category consist of a one-year membership in the CSPG, a CSPG book, a framed certificate and a cash prize for the Ph.D. winner of \$1500 and for the M.Sc. winner of \$1000. The winners are also invited to give an oral presentation on their thesis topic at a CSPG Technical Luncheon at which time the award will also be presented. Illustrated citations acknowledging the achievement of the winners, also eventually appear in the Bulletin and/or Reservoir.

This year (2005) the PhD award was withheld due to only one thesis being submitted. In the M.Sc. category 12 theses were submitted representing 7 universities across Canada. The winner of the M.Sc. award is Lori Meyer (University of Calgary, Prof. Gerry Ross and Prof. Cynthia Riediger, co-supervisors) for her thesis entitled " Internal Architecture of an Ancient Deep-Water, Passive margin, Basin-Floor Fan System, Upper Kaza Group, Windermere Supergroup, Castle Creek, British Columbia.". The thesis is an excellent detailed outcrop study which is extremely well-written and illustrated. It looks at a part of the stratigraphic section which has previously been little studied. Lori's thesis looks at deep water sediments of the Neoproterozoic. She does a great job of describing the rock and their associated facies and then combining her observations and putting it all together in a deep sea fan depositional model. Lori also

compares her ancient deep sea fan to modern deep sea fans to see the difference and similarities. An attempt was made to use chemostratigraphy as a tool for stratigraphic correlation. Although the technique shows promise additional work is required to verify it as by-product of the geochemical work was the presence of biogenic methane generation in the Neoproterozoic.

An Honourable Mention was given in the M.Sc. category to Cameron N. Toews (University of Regina; Prof. Katherine Bergman, supervisor) for his thesis entitled "Sedimentology and Stratigraphic Architecture of the Bakken Formation (Devonian-Mississippian), West-Central Saskatchewan." This thesis provides a thorough analysis of an important exploration target in Saskatchewan. The thesis is well written and illustrated, and reference for those working this interval it is certainly worth a read. It is a very detailed core study that has regional implications for exploration of the Bakken in west-central Saskatchewan. 180 conventional cores and 2075 petrophysical logs in the Bakken were examined over a large study area (3300 km<sup>2</sup>). The thesis concludes that the Bakken Formation consists of a series of tidally influenced sandstone ridges which are analogous to modern shelf sand ridges in the North Sea and East China Sea.

This annual CSPG competition is initiated with an advertisement in the CSPG Reservoir. The committee also follows up by contacting the Geology departments from universities across Canada. The committee would also greatly appreciate any CSPG member informing them of possible candidates. Eligible theses are those produced by students who have graduated at the preceding Spring or Fall convocation from a Canadian university, or who have completed research in the same period at a foreign university on a suitable Canadian topic. Theses are sent to the committee chairperson by early September. By mid December the winning theses are determined by the committee, and authors and respective supervisors are notified thereafter. The committee is keen to accept for consideration any thesis that might be of interest to the society members including (for example) topics relating to hydrogeology, sedimentary-hosted mineral or hydrocarbon deposits, remote sensing or subsurface imaging techniques in sedimentary basins, basin modeling or evaluation, biostratigraphy and geochemistry. Criteria by which these are judged include definition of purpose and success in reaching goals, method and logic of investigation, originality of topic, ideas and content, validity of interpretations and conclusions, completeness of data generation and presentation, contribution to science and industry, depth and thoroughness of research and overall effort as well as organization of chapters, quality of writing and effective use of illustrations. Successful theses will also provide, where appropriate: a full consideration of the economic implications of scientific contributions made from a small study area or topic; and will relate any observations made in modern depositional settings to the ancient record, and vice versa.

Many thanks are extended to all the members of the committee for their dedication and taking time out in their busy schedules to read and evaluate theses and to attend meetings to discuss and decide upon the winners. Also thanks are extended to Kim Belmonte for her help and Burlington Resources Canada for their financial support. A special thanks is extended to Les Eliuk who returned briefly for the 28th consecutive year to serve on this committee. As many of you know Les moved to Nova Scotia this year but came back in town in time to attend our final meeting. Hopefully we will continue to see Les back in Calgary periodically to lend his experience to our committee.

The committee is always looking for members interested in reading and judging theses. Participation provides members with an opportunity to keep up to date with current university research. If you are interested in serving on next year's committee please contact Andre Chow at Burlington Resources or any of the other committee members for additional details.

**HONORARY ADDRESS COMMITTEE** (Jennifer Dunn, Chair, Penny Colton, Dieter Deines, Jason Frank, David Grinde, Steve Haysom, Shawn Lafleur, Judy Mahaffey, Faye Warrington, Alex Wills, Jay Williams, Alex Wright, Brett Wrathall, Kim MacLean)

The topic of the 2006 honorary address was "**Hurricanes: Impacting Alberta**", once again held at the Southern Alberta Jubilee Auditorium on the evening of October 24th, 2006. As in the past, this integral part of the CSPG's Outreach program strives to bring interesting and topical science into our community, while educating the general public on the roles of our societies and geoscience in the community at large.

The Honorary Address again hosted an audience of over 2300 junior high school children during a free afternoon performance, and an evening performance for the general public was well attended.

The Honorary Address committee strives to be topical and current, and Hurricanes certainly seems to fit that bill. The event included a lecture from Jerry Sexton. Jerry specializes in coastal geomorphology working in South Carolina on coastal and shelf sands through his company Athena Technologies. Some of you may have been lucky enough to attend his field school which he runs for industry. Jerry brought some first hand experience with hurricanes to Calgary and discuss their impact on coastlines and the geologic record.

While hurricanes impact the geologic record, we have also seen their impact on our industry. Daniel Collins, a director with Cambridge Energy Research Associates, shed some light on the impact of hurricanes on the oil and gas industry, gas pricing and futures and the Calgary economy specifically.

This year's address included several pre-event lobby displays and a silent auction with many items donated by supporters of the event. The silent auction contributed over \$1800 towards the event. The Honorary Address was truly a great way to catch up with old friends and introduce member's families to our industry.

### **REGIONAL GRADUATE/UNDERGRADUATE SCHOLARSHIPS** (Shawna Christensen, Chair; David Kisilevsky)

The CSPG awards annually, on a regional basis, graduate scholarships to promote advanced education and research in those fields of geology having application to the petroleum industry. Each of the scholarships has a value of \$1,500 and is given to one graduate in each of the three regions of Canada.

The 2006 recipients are:

- Western Canada: Lynn Reich (University of Alberta) – Ph.D. *Ichnology, sedimentology and stratigraphy of transgressive surfaces of erosion and related deposits in the Viking Formation of Alberta.*
- Central Canada, Sabrina Sarzalejo (McGill University) – Ph.D. *Reservoir Characterization.*
- Eastern Canada: A. Renee Ferguson (Memorial University) – Ph.D. *Tertiary Seismic Stratigraphy and depositional systems of the Orphan Basin, offshore Newfoundland.*

The CSPG awards scholarships annually, on a regional basis to undergraduates enrolled in geology at a Canadian University. Each scholarship has a value of \$1,250 and is given to one undergraduate in each of the three regions of Canada.

The 2006 recipients are:

- Western Canada: Jill L. Dreger (University of Regina)
- Central Canada: Michelle K. Deakin (McGill University )
- Eastern Canada: Matthew MacInnis (Memorial University)

**2006 STUDENT INDUSTRY FIELD TRIP (SIFT) COMMITTEE** (Don Simmons, Chair, Leah Alspach, Shaun E. Alspach, Wes Bader, Roger Baker, Allan Carswell, Gela Crane, Danielle Demmans, Mike DesRoches, Ian DeWolfe, Marianne Doehler, Angela Dowd, Doug Hamilton, Dawn Hodgins, Therese Lynch, Andrea Marsh, Megan Namespetra, Guillaume Nolet, Domenico Ranieri, Stephanie Schmidt, Stacia Skappak, Jennifer Squance, Keith Yaxley, Kim MacLean, CSPG Corporate Relations

The 2006 CSPG SIFT program was once again very successful. The field trip was held this year from April 30th to May 12th. An enthusiastic group of 31 undergraduate geoscientists were invited to Calgary to gain an understanding of the various roles that geologists play in the Canadian petroleum industry. Students were provided the unique opportunity to learn through direct interaction with numerous working geologists who volunteered their time lecturing, giving core seminars, leading field trips, guiding a drilling rig tour and overseeing a flight over the spectacular Canadian Rockies. On behalf of the SIFT organizing

committee I pass along my sincere thanks to these professionals who take time out of their busy lives to support the goals of the SIFT program.

Throughout the two week field trip, the students competed as teams (companies) in an “exploration game” where everyone starts with a small land base and real world well log data which through creative interpretation and hours of hard work end up fuelling landsales, drilling locations, business strategies and multiple geological models. Towards the end of the SIFT program every oil and gas company presents their exploration findings to a panel of experienced managers, who are tasked with the challenge of awarding the “Best Technical” award based on understanding, creativity, and sound geological interpretation. As usual determining the best company is a tough task, with several of the companies garnering serious consideration.

Once again the trip would not have been possible without the financial support of numerous industry sponsors and the CSPG membership, who believe the SIFT program is a valuable and vital investment to help insure that new geologists consider the energy industry as a challenging and exhilarating career option. Last but not least, SIFT would not happen without the tireless efforts of our organizing committee who arrange everything from airline tickets to splicing well logs for the exploration game. I'll take this opportunity to send out a heart-felt thank you to all the committee members who have for so many years made the SIFT committee a priority in their lives, thus making the role of chairman that much easier.

### **SPECIAL EVENTS COMMITTEE**

The Special Events Committee is a new group within the Outreach Division. The mandate of Special Events is to plan and prepare for special and momentous events that the CSPG wishes the membership and the general public to take notice of, for historic, scientific or national interest. The forthcoming International Year of Planet Earth (2007-2008) and the International Polar Year are events that the CSPG wishes to celebrate. Currently, the position of chair & committee members are open for this committee and recruiting for volunteers is underway.

### **UNDERGRADUATE AWARDS COMMITTEE** (Michael Crawford, Chair)

The CSPG Undergraduate Award is presented annually to a student from each Canadian University. The award will be given to a student who will be entering their fourth year in September. The student is chosen by his/her professors for outstanding performance in petroleum geology, or the related fields of stratigraphy, sedimentology, paleontology and structural geology.

The student will receive a personalized certificate and a one-year membership in the Society. This year the CSPG is again including a \$200 prize that will help pay for framing and reward the students for their achievements.

<u>Recipient</u>	<u>University</u>
Emilie Bonnet	University of Victoria
Bronwyn Azar	University of Toronto
Karine Cliché	McGill
Ryan Martin	University of Manitoba
Joshua Shaw	Brock University
Andres Kalev Altosaar	University of Ottawa
Julia King	St. FX University
Heidi McKee	St. Mary's University
Catherine Critchley	Waterloo University
Andrea Wolter	Simon Fraser University
Rowan Martindale	Queens University
Jared Butler	Dalhousie University
Lydia Calhoun	UNB - Fredericton
Marthe Larsen Haarr	UNB - Saint John

**UNIVERSITY OUTREACH COMMITTEE** (Aaron Grimeau, Chair, Selena Billisberger, Erin Crerar, Simon Haynes, Tamara Holmes, Denise Hodder, Kris Jewett, Krista Jewett, Patricia Lavary, Joanne McDonald, Justine Sagan, Jennifer Unterschut, Chris Wallace, Christa Welsh)

#### Student Chapters

We saw a real ramp up in the number of chapters that signed up this year over last. The Student Chapters section (spearheaded by Kris Jewett) has really made some significant inroads on reaching the students and getting the message out. Last year saw 17 chapters signed up (over the 6 signed up in 2004/2005): 6 from the Eastern Region, 4 from Central (including Lakehead) and 7 from the Western region.

#### Lecture Tours

Lecture Tours included:

- Lecture Tours were organized by Selena Billesberger last year. In all there were 8 tours across the country: 2 in the Eastern region, 3 in Central and 3 in Western. Speakers were;
- Clinton Tippet, Shell (Saskatchewan and Manitoba, Fall 2005)
- Graham Davies, GDGC (Central, Fall 2005)
- John Hogg, Burlington and Michael Enachescu, Memorial University (Atlantic, Fall 2005)
- Peter Putnam, Petrel Robertson (Sask. and Man., Winter 2006)
- Bruce Hart, McGill (Central, Spring 2006)
- John Hogg, Burlington and Michael Enachescu, Memorial University (West, Spring 2006)
- Jeff Lukasik, Petro-Canada (Atlantic / Central, Spring 2006).

#### Conferences

Jennifer Unterschut and Erin Crerar put in lots of effort to help the students in each region put on great conferences.

The AUGC was held in St. John's, NL in October 2005. With the assistance of corporate sponsorship Nadya Sandy and Aaron Grimeau (Nadya – Imperial, Aaron – Devon) were able to attend the conference on behalf of the CSPG. Nadya and Aaron gave a presentation to the students on "The First Years in Petroleum Geology" which was very well received. They also presented awards for best Poster and Best Presentation with prizes of \$300 each. Conference sponsorship was \$1000. Big thanks to Imperial and Devon Canada for their monetary contributions to send representatives to this conference as it is really improving the image of the Society, the Industry and the Corporations.

WIUGC was held in Calgary in January of 2006. Many of the committee members attended at various times through the conference acting as excellent CSPG Ambassadors and promoting the society. Prizes were awarded (\$300 each) for best Grad Presentation and Best Undergrad Presentation. Conference sponsorship was \$1000.

The AESRC conference was held at McGill last spring and happened to coincide with Jeff Lukasik's lecture tour through that area. Jeff attended the conference, did a presentation and was a judge / award presenter also. We have had great feedback on our participation in their conference from the McGill organizers and are hoping to publish an article on it in an upcoming Reservoir. Conference sponsorship was \$500 (plus food for Jeff's presentation, which was part of our Lecture Tours budget) plus a prize level sponsorship of \$500.

#### Corporate Donations

Aaron Grimeau coordinated more core to be shipped from Devon Canada to Memorial University, Simon Fraser University and Mt. Royal College.

#### Website

Krista Jewett worked with Astrid Arts to update the CSPG website, particularly the University Outreach section. This was no easy task with many changes, updates and improvements sees us now with an incredible website packed with useful information and links for the students.

### **A Glance at the year ahead...**

Many of the same initiatives above; increasing number of student chapters, a full suite of top-tier lecture tours, sponsorship / participation in the student conferences, increased communication with the schools / departments / faculty and students and an overall increase in the recognition and awareness of the CSPG and the Petroleum Industry.

**ANDREW D. BAILLIE AWARDS COMMITTEE** (Kirk Osadetz, Satinder Chopra, Allan Pickel, Mike Berz, Terry Boulton)

The Andrew Baillie Award was presented on May 18, 2006 at the CSPG / CSEG / CWLS joint conference core meltdown celebration at the Alberta EUB Core Facility. The Andrew Baillie Award has been presented annually since 1991 for the Best Student Oral and Best Student Poster presentation given at the annual technical conference. The award is to recognize excellence in presentation and encourage a high level of technical prowess worthy of Andrew Dollar Baillie.

Andrew D. Baillie was an active CSPG member and in particular, an avid supporter of the CSPG Educational Trust Fund, and the educational activities that the CSPG promoted to the student members of the society and the general public in geology.

This year's conference was a tri-society convention with our colleagues in geophysics and well logging/analysis. Kirk Osadetz, Satinder Chopra, and Allan Pickel were the technical committee chairs for the conference, and kindly made certain that all the presentations by students were evaluated, and a big thank you to Mike Berz & Terry Boulton, who compiled the results, and all of the session judges.

The winner of the award for Best Student Oral Presentation was Renee Burton-Ferguson, of Memorial University of Newfoundland, St. John's, Newfoundland & Labrador, for her talk "**Preliminary Seismic Interpretation and Maps for the Paleogene-Neogene (Tertiary) succession, Orphan Basin**" with co-authors Michael Enachescu and Richard Hiscott, of Memorial University of Newfoundland.

The winner of the award for Best Student Poster Presentation is Mark Radomski of the University of Calgary for his poster "**Sedimentology, Biostratigraphy, and Petrology of Marine Firm/Hardgrounds: Middle Triassic Halfway Formation, West-Central, Alberta**" with his co-authors Tom Moslow of Midnight Oil Exploration Inc & John-Paul Zonneveld of the Geological Survey of Canada.

Mark Radomski was presented his award for Best Student Poster Presentation, and a cheque from the CSPG for \$1000 to accompany the award at the core meltdown. Renee Burton-Ferguson was presented the award the following week, as she was unable to attend the core meltdown, but fortunately was still in the province visiting relatives, so was able to take her award and accompanying cheque with her back to Memorial University in St. John's, Newfoundland & Labrador, for the 2006 Andrew D. Baillie Awards for Best Student Oral Presentation.

**YOUTH OUTREACH COMMITTEE** (David Middleton - Chair KIS Program, Althea Adams, Chuck Buckley, Penny Colton, Marcia Coueslan, Tom Feigs, Elaine Honsberger, Anne Halladay, Dave Johnson, Perry Kotkas, Oliver Kuhn, Darren K. Lee, Ardith Lewis, Jennifer Leslie, Kate McCutcheon, Nancy McKellar, Katy McKercher-Ma, Bob Parker, Melissa Power, Steve Power, Danielle Robertson, Paul Thacker, Andrew Williams, Paul McNeil, Randle Robertson)

In order to inspire the next generation of geoscientists, Outreach has been reaching out to youth. Given the current demographics of our industry and the long lead time to produce a geologist, the CSPG is evaluating methods to reach out to students and the public to inform them about geology and the career

of petroleum geology. We need to look at inspiring the secondary students that geology is a fun, exciting, environmentally responsible and rewarding career choice. Two programs were used to promote these objectives.

### **Calgary Youth Science Fair**

The CSPG was represented at the Calgary Youth Science Fair in May with an exhibit and poster display on Rocks Across Canada, where many enthusiastic budding young scientists had a chance to look at various rocks representing the various provinces & territories. The students also had a chance to win prizes and enter a draw for various fossils. Elizabeth Wilson & Geoff Minielly volunteered their time and expertise to represent the CSPG and ably dealt with the hordes of students swarming the CSPG booth.

### **Kids In Science Program**

The ad-hoc youth outreach group was also involved in the “Kids in Science Program” (KISP), co-hosted with the Burgess Shale Geoscience Centre, CSEG and APEGGA. The program is aimed at inspiring students in Junior High School about careers in science. A classroom lecture on geology & science was presented to the two pilot schools by two young geoscientists, and the students then attended the Annual Convention exhibits floor, under the escort of a Science Exhibit Guide, where students could see first-hand the exciting technology & science involved in the industry. The students, teachers and volunteers were then given lunch and a very exciting lecture from Tim Bird, about the interesting and exciting opportunities in being a geologist. The students all returned to school with a better idea of future careers that involve science, an understanding of the technology involved in the search for hydrocarbons, and an appreciation for the efforts the industry makes to effectively exploit the reserves in an environmentally sound and safe way.

The KIS program appreciates the efforts from the companies and lecturers who volunteered to host our “geoscientists of the future”. The KIS Program also thanks the volunteers from the three societies and the Burgess Shale Foundation for their efforts and enthusiasm.

## **CSPG TRUST**

**CSPG TRUST** (Bruce McIntyre, Chair; Chuck Buckley, Treasurer; Claus Sitzler, Secretary; Bob Dick, Corporate Fundraising Director; Alice Paynes, Government Fundraising Director; John Hogg, Individual Fundraising Director; David Middleton, CSPG Liaison - Outreach Director; John Cuthbertson, Director; Clint Tippet, Director; Dan Krentz, Director; Tim Howard, Business Manager & Kim MacLean, Corporate Relations)

On behalf of the CSPG Educational Trust Fund (Trust) I would like to take this opportunity to express a sincere thank you to those individuals and corporations that have supported The Trust over the years through their participation, contributions and dedication to our shared vision.

I would like to provide our stakeholders with an annual update for 2006 as well as some guidance on the direction The Trust intends to take over the next several years. The Trust Board has chosen the theme “Geoscientists for our Future” for our upcoming fundraising initiative.

Over the last year The Trust has seen donations of \$107,048 from both corporate and individual donors. This amount includes sponsorship contributions that have been directed towards specific programs such as the Student Industry Field Trip or the CSPG Honorary Address. The Trust’s fund as managed by The Calgary Foundation currently has a value of just over \$1 million dollars. The fund earned \$42,074.37 of interest and investment income net of \$11,215.12 in fees during fiscal 2006. Donations to The Trust have also come from the various social and sporting events that the Society sponsors and has amounted to \$5,710.

The Trust’s mandate is to inspire individuals to pursue a career in petroleum geoscience through the funding of innovative, informative educational programs. A growing demand for energy, declining

production of petroleum, and our aging demographic require an increasing number of qualified petroleum geoscientists. To address these challenges, The Trust recognizes the need to support programs that promote both community awareness of petroleum geology and the impact geoscientists have on almost every facet of our society.

In order to identify a career in petroleum geology as an option we must touch individuals at various stages of their education. The Trust will allocate the majority of its efforts towards university geoscience students and their faculties. In addition to university students, The Trust will also direct a portion of its support to public education at the K-12 level, as well as, general public awareness of our profession. The major university initiative to date, the Student Industry Field Trip (SIFT), has been extremely successful in attracting young, enthusiastic geoscientists into our industry. Going forward, The Trust plans to increase its exposure to the university student body through specific outreach programs that provide individual scholarships and departmental lectures on petroleum geoscience related topics.

The ultimate test of our efforts will be seen in the number of new graduates that have career opportunities within our industry. To that end we are initiating a "100 Students Jobs Initiative" (featured in the July/August 2006 Reservoir) that will match students with summer job opportunities and provide both the employers and the employees the chance to learn what each has to offer.

The Trust supports general public education and K-12 with funding directed to various science educational programs. In order for The Trust to provide funding each program must make application and meet criteria specific to raising awareness of geoscience. The Honorary Address is a prime example of a CSPG sponsored event that is directed toward raising public awareness of geoscience in general. Additional Trust supported educational programs are the Burgess Shale Geoscience Foundation, the Calgary Science Centre, and the National EdGEO workshop program. The Trust's challenge to date has been its limited ability to provide funding to all of the worthy programs that apply for The Trust's support and the ability to fund more national programs.

With continued individual and corporate support, The Trust has the ability to fund its current programs. To expand upon this current program list, The Trust's Board and the CSPG Executive have identified a number of university outreach and public educational programs that will require additional funds.

On behalf of the CSPG Educational Trust's Board of Directors I thank you for your interest and continuing support of The Trust.