

**CANADIAN SOCIETY OF PETROLEUM GEOLOGISTS
2002-2003 REPORT OF ACTIVITIES**

2002-2003 Executive Committee

**John Hogg, President
Craig Lamb, Vice President
Lisa Griffith, Finance Director
Pauline Chung, Assistant Finance Director
Elizabeth O'Neill, Program Director
Vern Stasiuk, Assistant Program Director
Lisa Sack, Service Director
Wayne Dwyer, Assistant Service Director
Bruce McIntyre, Past President**

PRESIDENT'S REPORT (John Hogg, President)

It has been a tremendous honour to serve the Society as your President in 2003.

This year saw another tremendously successful conference, joint with the CSEG, that contained a high-quality technical program, a good icebreaker and integrated geological and geophysical exhibits. As the convention is the lifeblood of the Society the CSPG netted a total of \$471,358 before the overhead recoveries. The CSPG continued with having a "CSPG Centre" for members to purchase publications, pay dues, donate to the Education Trust Fund, and take a moment to speak with long-lost colleagues and friends.

In 2003 your Society continued to develop the evergreen Strategic Business Plan that was implemented by Kathy Scales' Executive Committee in 1999. The plan provides the Executive with a view of the various areas of responsibility; Executive, Finance, Programs, Services, and Communications, both the current view and the plans for the future.

There were no new publications in 2003, which is a disappointment. We are expecting to start to shift away from paper and more to digital publications in the coming years starting with a digital version of the sold-out Geological Atlas of the Western Canada Sedimentary Basin, edited by Grant Mossop that we hope will be available on CDROM in the later part of 2004. We will also start up our mini-conference program in the first quarter of 2004 our newly named Gussow Series Conference.

Our website continues to provide the day-to-day member services and information needed by the membership. We have continued to improve the website and this year in addition to conference registration, members were able to pay their dues online, with more services to come in 2004. Electronic archiving has continued with the AAPG continuing to digitize our extensive database of materials dating back now more than seventy-five years. Thanks to the AAPG Foundation, the AAPG has agreed to digitally archive the history of many societies and associations world-wide including the CSPG. We have a rich history of discovery in Canada and our Society simply does not have the resources to enable this type of electronic capture of all items back to 1927. We owe a debt of gratitude to the vision and wisdom of the AAPG Foundation and we all applaud their efforts of capturing the past as digital data, before it is lost to the ravages of time.

Another portion of the year was our successful efforts with outreach. The majority of the outreach now is run by the ETF. We supported the ETF this year with funds of \$175,000 out of our general revenue. It is hoped by the CSPG Executive that the ETF can successfully grow their funds such that we are not necessary to supply operating money each year to ensure that our public outreach is maintained at both student and public levels that we currently enjoy.

We continue to maintain discussion with sister societies, AAPG, CSEG, GAC, MAC and APEGGA through the role of the President. Our relationship with the other societies is strong and growing. We have taken the opportunity to discuss upcoming conferences, with the help of George Eynon's Committee on Conventions and

I'm confident that we will continue to enjoy a good working relationship with our 2004 conference that is co-hosted with CHOA and CWLS, our 2005 convention with AAPG and our 2006 conference that will be a joint event with CSEG/CWLS. We are also starting our initial planning for the decadal geoscience conference "GeoCanada" in 2010.

We have also grown our office staff by one individual in 2003 and renewed our lease on the current office space through until 2006. Kim MacLean has joined the staff as our Corporate Relations Manager, and works with the Executive, the staff and the committees on fundraising and marketing efforts that have brought us tremendous value over the last year, and in coming years. For the first time in recent memory, the *Reservoir* is generating a profit, thanks in large measure to Kim's efforts. With the five staff in our office, paid staff are now completing many jobs that were once undertaken by volunteers. As our membership continues to age, with an average age of 46, we lack the young and determined volunteers that would take many of the volunteer jobs in the past. This is not a unique problem to our Society and, until we have a significant injection of new young blood into our profession, will remain the norm.

In closing, let me ask for each of you to thank the members of my Executive Committee for their volunteer efforts in this past year. They have all made my year as President fun and enjoyable. The office staff is to also be commended on the fine job that they have performed this year and their service to the membership and the Society has made an impact on our bottom line and brought value to the membership.

TREASURER'S REPORT (Lisa Griffith, Finance Director)

The CSPG ends the 2003 financial year in good fiscal shape. The audited income statement (August, 2003) shows a net profit of \$27K on revenues of \$1.96MM and expenses of \$1.93MM. Although the profit is less than last year, it is in keeping with the mandate of the society as a non-profit organization. The CSPG strives to maintain a positive financial position, but we want to use the majority of our revenues for the goals of the Society.

As in previous years, the CSPG generated most of its net revenue from memberships (+\$300K)

and the convention (+\$377K). This year, however, the *Reservoir* has also become a source of net revenue (+\$20K) due to the efforts of our new Corporate Relations Manager. The *Reservoir* now provides an excellent, profitable way of keeping the geological community in touch. Most CSPG social events and technical programs continue to break even or operate at a slight loss.

Aside from office net operating expenses (-\$343K), the CSPG chose to take most of its net losses on publication of the *Bulletin* (-\$93K), Outreach (-\$35K), and Donations (-\$185K). These 'losses' reflect a one-time donation to the ETF endowment of \$100K, and increased contributions to both the Geoscience Professional Development Centre (\$10K) and ETF university outreach (\$75K) in comparison to 2002 – endeavors that will support a big long term 'gain' for our Society, even if the benefit is not directly reflected in the bottom line.

The policy of the CSPG is to maintain investments to cover one year's operating expenses (approximately \$650K total). These long-term investments are invested conservatively, with over 70% of the portfolio in Canadian fixed income assets. The remaining investments are in North American equity assets, as documented in the audited statement. Thankfully, this year the estimated market value of our assets has grown to \$647K as the international investment climate improves.

Many thanks to the CSPG members for the opportunity to serve on the Board for the past two years. It's been a time to make new friends, participate in stimulating discussions, and to broaden my horizons. We have a vibrant, stimulating, diverse community of geologists in this city and in this country. Thanks go also to my fellow Board members, and to the office staff. The clear leadership, shared goals, and commitment of this group have made the years very enjoyable.

PROGRAMS

TECHNICAL LUNCHEON COMMITTEE (Jim Gardner, Dean Bull, Tony Cadrin and Chris Seibel, Co-Chairs)

The Technical Luncheon Committee hosted nineteen talks during the 2002/2003 season on a wide variety of topics ranging from international to local interests and highly technical to general interest. The presentations and attendance numbers are listed below.

All of this season's luncheons were hosted at the Telus Convention Centre and catered by the Marriott Hotel. The majority of the luncheon speakers for this season utilized the CSPG's two LCD projectors, which were purchased in 2000/2001 season to allow for computer-based presentations. Seventeen of our nineteen presenters utilized this format, which delivered cost effective, reliable results and some impressive presentations. We continued to use APEX Audio Visual Services to provide professional service and technical support for our luncheons, which resulted in good value with few technical glitches throughout the year.

Another development on the technology side was the more widespread implementation of Web-Cast program, wherein some of the technical luncheons are filmed and viewers are able to watch the presentation on their computer through the CSPG website. This allows for our members who were unable to make the talk, or members from across the world to have access to our presentations. We expect the Web-Cast program to grow as a valuable resource to our members this year and in following years.

The committee would like to acknowledge our speakers for the 2002/2003 season that provided us with a diverse and high quality technical program throughout the year. We would also like to extend our appreciation to our corporate sponsors, the CSPG office staff and CSPG member volunteers. The Technical Luncheon Program would not be possible without your active support.

Many exciting talks are currently being planned for the 2003/2004 season and we hope to continue to deliver a variety of excellent presentations to the CSPG membership.

September 10th, 2002

Roger Walker
"The Basal Colorado Sandstone – Prolific Gas Production from an Erosional Remnant of Sandstone"
Attendance: 477

September 26th, 2002
Paul Bauman
"Intrigue, Mystery and Geophysics...Dead Sea Geomorphology"
Attendance: 609

October 15th, 2002
Garry Rogers
"The Earthquake Threat On Canada's West Coast"
Attendance: 698

October 29th, 2002
Easton Wren
"Through the looking glass: reflections on seismic"
Attendance: 627

November 14th, 2002
Neil Camarta
"The Athabasca Oil Sands Project"
Attendance: 623

November 26th, 2002
Bruce Hart
"Structural and Stratigraphic Controls on Production from Tight-Gas Sandstones from the San Juan Basin: Integrating 3-D Seismic, Log, Outcrop and Engineering Data"
Attendance: 658

December 12th, 2002
David Finch
"CSPG Stories"
Attendance: 509

January 9th, 2004
Gerry Reinson
"Interpretation of Incised Valley's, Deltas, and Estuaries in the Alberta Foreland Basin. Stratigraphic Implications and Constraints"
Attendance: 819

January 23rd, 2003
Emery Goodman
"Genetic Approach to Understanding a Complex Hydrocarbon System: Caribbean Colossus of East Venezuela"
Attendance: 614

February 11th, 2003
Ed Tawadros
“Geological History of Egypt and Libya and Their Hydrocarbon Systems”
Attendance: 652

February 25th, 2003
Leonard LeSchack
“Surface Exploration Case Histories, a new AAPG-SEG Book; and an Alberta-Devonian Wildcat Just Drilled using the Discussed Technologies”
Attendance: 592

March 11th, 2003
Thomas Ahlbrandt
“Assessment of Global Oil, Gas and NGL Resources Based on a the Total Petroleum System Concept”
Attendance: 541

March 25th, 2003
Octavian Catuneanu
“Retroarc foreland systems: dynamics and sedimentation”
Attendance: 515

April 10th, 2003
Cindy Yeilding
“The History of a New Play: Thunder Horse Discovery, Deepwater Gulf of Mexico”
Attendance: 593

April 24th, 2003
John Anderson
“Antarctica’s Contribution to Eustasy”
Attendance: 565

May 8th, 2003
Scott Dallimore
“Gas Hydrates in Canada: Overview of recent research activities by the Geological Survey of Canada and Partners”
Attendance: 559

May 22nd, 2003
Serguei Goussev
“Jackpine Creek Magnetic Anomaly: Identification of a Buried Meteorite Impact Structure”
Attendance: 541

June 12th, 2003
Tom Boreen
“Ladyfern”

Attendance: 846

June 24th, 2003
Todd Beasley
“Managing Hydrogen Sulfide the Natural Way”
Attendance: 544

EDUCATION COMMITTEE (Godfried Wasser, Chair; Krista Walker, Ken Waunch, Chad Harris, Dave Russum)

The CSPG’s Continuing Education Committee has been revived after a period of dormancy. The renewed committee comprises Krista Walker, Ken Waunch, Chad Harris, Dave Russum and Godfried Wasser.

Based on these market conditions, outlined a mandate for the committee. The following summarizes our recommendations:

- Our initial focus will be on providing new courses that go beyond basic skills and have a strong Canadian relevance and content.
- We will look at ways to help new geologists develop basic skills by developing training guidelines, providing information on available courses, identifying additional needs and seeking innovative ways to provide course material.
- We will investigate and seek membership feedback into whether there are ‘distance learning’ or ‘E-learning’ methods and opportunities that could benefit our membership.
- We will attempt to offer courses at prices in line with Industry standards so that we do not undercut other training initiatives. However, discounts of approximately 25% will be offered to CSPG members. ‘Membership has its privileges’
- We will encourage the creation of new courses, by providing instructors with arrangements that fairly compensates them for their efforts.

TECHNICAL DIVISIONS

BASIN ANALYSIS AND SEQUENCE STRATIGRAPHY (Steve Donaldson and Mark Caplan, Co-Chairs)

Steve Donaldson and Mark Caplan took over from Greg Hu as co-chairs of the Basin Analysis

and Sequence Stratigraphy Division (BASS) in September 2002. We formed a committee of 4 keen volunteers. We would like to extend many thanks to our other two committee members Dan Block and Gordon Stabb (as well as Greg Hu) for their continued encouragement and invaluable support in making the BASS Division the success that it has become.

Thanks are also expressed to Petro-Canada for permitting us to host our first two noon hour talks on their premises and also to EnCana for allowing us to use the facilities in their Tower Centre Amphitheatre for the last two talks, as well as providing us with coffee. We also extend our gratitude to Tim Horton's, who provided us with much needed sugary nourishment. Kim MacLean of the CSPG is thanked for her wonderful work in obtaining these sponsors and for co-coordinating thank you plaques for our guest speakers.

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

January 21st, 2003
Ed Mathison (Fekete Associates Inc.)
"McMurray Formation Sequence Stratigraphy;
South Athabasca Region"

March 14th, 2003
Dr. Bruce Hart (McGill University)
"Lowstand Fans of the Permian Basin"

September 2nd, 2003
Dr. Octavian Catuneanu (University of Alberta)
"Sequence Stratigraphy of Petroleum Plays:
Concepts and Applications"

October 6th, 2003
Dr. James Dixon (Geological Survey of Canada)
"Evidence for a Basin-Scale Unconformity in the
Middle Triassic of Western Canada"

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 looking for people to provide us with a presentation of their work. If interested, please call either Steve at 645-5534 or Mark at 691-3843. Your support is greatly appreciated.

CORE AND SAMPLE (Doug Hayden, Chair)

Division currently inactive.

EMERGING PETROLEUM RESOURCES

(Matthew Caddel, Chair)

No report submitted.

ENVIRONMENTAL GEOLOGY (Ed Mathison, Chair)

No report submitted.

GEOMATHEMATICS AND COMPUTER (David Garner, Chair)

No report submitted.

HYDROGEOLOGY (Steve Grasby, Chair)

The hydrogeology division continued its tradition of hosting an active year of monthly lunch-hour talks. In addition a successful field trip to the Kananaskis Karst spring was run in September 2002. Active discussion from participants was enjoyed, but it didn't get us much closer to understanding this enigmatic hydrogeological feature.

In response to a request from the Conventions Committee, the Hydrogeology Division has taken on the task of organizing the first of the new Gussow Series conferences, to be held in March 2004 in Canmore. The topical theme of 'Water Resources and Energy Development' has developed a high level of interest and promises to be well attended.

The division Executive Committee comprised Dr. Stephen Grasby - Geological Survey of Canada (Chair), Dr. Stefan Bachu - Alberta Geological Survey (past Chair), Dion Lobreau - Talisman (Treasurer), Phil Essinlger - Rakhit Petroleum Consulting Ltd, and John Cody - Encana.

The Committee would like to extend thanks to everyone who has participated in the events over the last year and has helped to make them such a success. Special thanks are due to our sponsors, Encana for allowing the use of their theater for our lunch-hour talks and for supplying coffee, Norwest Laboratories for supplying delicious pastries at the talks, and finally Rakhit Petroleum Consulting Ltd. for providing facilities for monthly meetings of the Division Executive Committee.

The following is a list of the titles and authors of all the talks presented in the 2001/2002 year:

September 19th, 2002

Laurence Andriashek
Buried Channels and Drift Aquifers: Implications for the Development of Oilsands in Northeast Alberta

October 17th, 2002

Steve Burnie
The Domain Approach to Flow Analysis in a Variable Density Environment and its Bearing on Gas Migration in the Deep Basin - Examples from the Viking *Reservoir*

February 20th, 2003

Laurence Bentley
Constraining Water Quality Models with Electrical Resistivity Imaging

March 28th, 2003

Colleen Wendeborn
Use of formation water chemistry to aid oil exploration in southeastern Alberta

INTERNATIONAL (Geoffrey Say, Chair)

As the current chair of this division I would like to report that we had a successful Year with a series of talks from September to June covering some of the more topical prospects for drilling in the world such as Angola and Mexico. There were also several good general interest talks. Also I would like to thank Dave Dolph and EnCana for the use of their facilities and the coffee. On a special note I would like to thank Tako Koning for giving a special summer presentation at the end of the season titled: Angola -The emerging energy giant of sub-sahara Africa. Tako has been a strong supporter of the CSPG INTL division for a long time and we always welcome his talks. Examples of other talks include Mexico-a new opportunity by David Flint. The geology of Romania and Bulgaria by Ken Jones, Masjed-I-Suleyman: the first giant oilfield discovered in the Middle East by Dr. Dario Sodero and at the end of the season we had a successful talk plus wine and food social. The talk was on The Gulf of Guinea by Richard Bray.

PALAEONTOLOGY (Charles Henderson, Chair)

No report submitted.

RESERVOIR/DEVELOPMENT GEOLOGY (Darren Steffes, Chair)

No report submitted.

STRUCTURAL GEOLOGY (Luc Lalonde, Chair)

The Structural Geology Division enjoyed another year of active participation by its members. In all, six technical presentations and one field trip were organized. The technical noon talk series featured varied topics, such as the popular subject of fractured Reservoirs, structural geology field mapping, borehole imagery and structural basin analysis. The Division is grateful to all speakers for their efforts in preparing and delivering insightful presentations. We also wish to acknowledge the support of ConocoPhillips Canada for allowing the use of its conference centre, Norwest Laboratories for providing pastries, HEF Petrophysical for supplying beverages, and Eric Hanson for logistical assistance. Deborah Sanderson led a very successful field trip in September gathering a group of 17 participants to examine transverse fault geometries near Highwood Pass. We are thankful to everyone who took part in making the well-attended lunch talks and field trip an informative forum for discussing structural geology, and look forward to continued enthusiastic support in the future. Finally, and with deep gratitude, I want to highlight the long-standing commitment of Mazhar Qayyum to the Structural Geology Division. Maz showed great dedication during his three-year tenure as chair between 1999 and 2002.

The following is a list of the authors and titles of the talks presented during the fall of 2002 and for 2003:

November 20, 2002

Paul Heffernan, HEF Petrophysical Cons. Ltd. and Bruce Wrightson, GAIA Resources Ltd.,
"Dipmeter and Borehole Imagery Interpretation".

February 26, 2003

R.J. Knipe, Rock Deformation Research, School of Earth Sciences, University of Leeds, Leeds, UK.
"Faults behavior - How do we predict?"

March 6, 2003

Glen S. Stockmal, Natural Resources Canada, Geological Survey of Canada, "A "Pop-Up" Structure Preserved Near the Leading Edge of the Foothills, Blairmore Map Area (82G/09E), Alberta".

April 8, 2003

Philip Simony, Department of Geology and Geophysics, University of Calgary, "The Lewis and related Front Ranges Thrusts; leading edge of a composite crystalline thrust sheet".

May 1, 2003

Balz Grollmund, GeoMechanics International, Palo Alto, CA, "Enhanced Fluid Flow in Critically Stressed Fractures- Implications for Reservoir Permeability"

December 4, 2003

Greg Lynch, Shell Canada Ltd. and Tim England, Talisman Energy Inc., "The Southern Coast Belt and Georgia Basin, British Columbia; Deformation and Sedimentation in an Arc Setting".

CSPG Structure Division Field Trip

September 6, 2003

Deborah Sanderson, EnCana Corporation, "Transverse Fault Geometries and Associated Deformation in the Lewis and Rundle Thrust Sheets – Part 2"

SEDIMENTOLOGY (Scott Leroux, Chair)

The Sedimentology Division had an excellent year presenting 7 talks from September 1st 2002 to August 31st, 2003. These downtown lunch hour talks were very well attended which can be attributed to the high quality of presentations. I would like to thank the speakers and Scott Rose, the co-chair of the division for their excellent work. Talks were originally held in the 2nd floor conference room, West Tower at Fifth Avenue Place SW, and then in March 2003, were moved to the EnCana Amphitheatre (Calgary Tower), 9th Avenue SE, where they continue to be held.

The following is a list of the brown-bag talks presented this past year.

CSPG Sedimentology Division Noon Talks:

November 20, 2002

Kevin Treppeau (Imperial Oil Resources) Fine-Grained Submarine Fan Settings: Paleoenvironments & Paleoecology of the Upper Campanian Cedar District Formation, Southwestern British Columbia

December 18, 2002

Colin Wooldridge (EnCana Corporation) The alluvial architecture of coastal British Columbia valley fills imaged with GPR

January 22, 2003

Scott Rose (Birch Mountain Resources) Carbonate Facies, Dolomitization, Porosity Development, and Structural Controls within the Lower Blue Fiord Formation, Bathurst Island, Nunavut.

February 26, 2003

George Ardies (EnCana Corporation) Structural and intrinsic fluvial controls on the geomorphology of an integrated, incised-valley network in the BQ of Southern Alberta

March 21, 2003

Robert E. Lamond (Imperial Oil Resources) Plio-Pleistocene Lacustrine to Fluvial Deposits in the Turkana Basin, Northern Kenya: Sedimentology and Ichnology of Hominid-Bearing Strata.

April 29, 2003

Carmen Lee (University of Reading / Canadian Natural Resources Ltd.) Early Cenozoic tectonostratigraphic evolution and sedimentology of the Eureka Sound Group, northeastern Ellesmere Island, Nunavut

May 26, 2003

Stephen Molyneux (EnCana Corporation) Large scale deepwater sediment remobilisation: examples from North Sea 3D seismic and outcrop

SERVICES

MEMBERSHIP COMMITTEE (Patrick Elliott and Bill Cox, Co-Chairs, Deanna Watkins, Programs and Services Manager)

Our main accomplishment for 2003 was to design, build, launch, interpret and publish a society wide membership survey. This survey was the first survey of its kind within the CSPG, which utilized web based tools. The survey was

a success and had a very strong response rate with over 500 participants. The demographic distribution of those participants was deemed as being very representative of the whole society. The survey results have had an immediate impact within the CSPG in regards to sub committee planning, addressing membership issues, training, etc.

Future Plans

The membership committee is adding volunteers to pursue a number of different objectives related to increasing membership in 2004.

VOLUNTEER MANAGEMENT (Karen Webster, Chair; Colin Yeo, Secretary/Treasurer; Karen Greengrass, Communication and Marketing; Blythe Lowe, Recruitment, Placement and Orientation; Debbie Horbachewski, Reward and Recognition)

The Volunteer Management Committee was commissioned in February 2003, to provide members with meaningful opportunities to volunteer on Society committees and the Educational Trust Fund. The Committee's strategies to achieve this goal include:

- Identify current volunteer requirements on Society Committees
- Communicate committee volunteer opportunities and qualifications to the membership
- Proactively recruit qualified volunteers
- Match volunteer skills and competencies to committee needs
- Provide guidance to committees in providing a job description and training for their new volunteers
- Recognize our volunteers

During the annual budgeting process, committee chairmen have submitted their volunteer requirements for the next year and the VMC will now act to fill vacancies. Work has begun on Volunteer Source, a web based volunteer centre within the Society's website and is expected to roll out in the fall of 2003. This service will allow members to view volunteer postings and respond on-line. This process will open up volunteer opportunities to the entire membership, publish job descriptions with required skills and competencies and make the volunteering process very efficient.

The Volunteer Management Committee is now focused on designing a process to proactively recruit qualified volunteers for key committee positions. The VMC will also be working closely with various committees to help them develop job descriptions, orientation sessions and training for their new committee members. The VMC will also design a process to check in periodically with new volunteers to ensure their volunteer experiences are meeting their expectations. The VMC will coordinate with the Annual Awards Dinner Committee to review the possibility of expanding the function to include all volunteer and other award recipients.

PHOTOGRAPHIC COMMITTEE (Vic Panei, Chair)

The Committee provided photographic coverage at most of the Society's luncheon meetings, as well as at the Awards dinner and Convention. The Committee is looking for two more volunteers to share duties in taking photographs at the luncheon meetings. If interested, please phone Vic Panei at 232-7291

ARCHIVES AND HISTORY COMMITTEE (Clinton Tippett, Chair)

No report submitted.

GROUP INSURANCE (Robin Mann, Chair)

No report submitted.

AWARDS

PRESIDENT'S AWARD (John Hogg, President)

The President's Award is presented to an individual or organization for outstanding contributions to the Society. This year the award is presented to Wayne Foo for his efforts in organizing and co-chairing the very successful 2003 CSPG/CSEG Conference. The conference was titled "*What is the title of the 2003 Conference*" and was held at the Stampede Grounds from June 2-6 and centered on the integration of geology and geophysics, combining 240 oral and 60 poster presentations, 16 core presentations, 12 field trips and 14 short courses. Registration for the conference exceeded 4100 and our Society netted in excess of \$400,000.00. Wayne, along with his volunteer committee of CSPG and CSEG members, put together a very

successful convention both from a technical and financial standpoint the left both the CSPG and CSEG in good standing.

I would like to additionally, acknowledge the contributions from CSPG staff and members, especially Lori Humphrey-Clements; Mark Cooper, the CSPG Technical Program co-chair, and the dedicated work of their counterparts Jim Stenhouse and Mike Clement who were the CSEG co-chair and Technical Program co-chair, respectively.

Wayne is principal of independent oil and gas producers active in Western Canada and overseas. He is a Professional Geologist by training, with a BSc from University of Calgary and an MSc from Queen's University Kingston.

Wayne began his career as an exploration geologist with Chevron in 1979, working the Alberta and BC Foothills. From 1981 to 1983, he consulted as a geologist for Corexcana Ltd, a subsidiary of Paribas. During that time Corexcana's operated production grew from nothing to over 3000 bopd as a result of major discoveries at Rumsey, Redwillow and Spirit River.

In late 1983, Wayne returned to Chevron working as exploration supervisor for NWT (1983 -87), NEBC (1987 - 88), Papua Niugini (1988 - 1990) and onshore Alaska (1990 - 92). He returned to Calgary in 1992 as Exploration Manager for Chevron's Western Canada and Frontier exploration programs; then from 1993 to 1996 served as Business Unit Manager for several of Chevron's Canadian exploration and production business units. . During his tenure at Chevron, Wayne's leadership played a key role in the Ft Liard, Kutubu, Sourdough, Simonette, North Chinchaga and Karr discoveries.

In 1996 Wayne moved to Archer Resources Ltd., where he participated in the turnaround and subsequent sale of Archer to Dominion Resources Inc., and the purchase of Remington Energy by Dominion. He then served as president of Dominion Exploration Canada Ltd. until 2002.

Wayne is active in the community through a variety of industry associations including CSPG and CAPP, and is also past president of Alberta Theatre Projects where the theatre professional spent a number of years attempting to hone his

performance and production skills.

Wayne's Herculean contribution to the Society over the past two years, culminating in the convention, have earned him the 2003 President's Award. I would like to thank Wayne for your valuable contributions and dedication to the Society.

HONORARY MEMBERSHIP COMMITTEE (N.J. McMillan, Chair)

Honorary Memberships were awarded to James K. Gray and Robert D. Orr. For full citations please see the March 2004 issue of the *Bulletin*.

LINK AWARD COMMITTEE (Rick Steedman, Chair, Vaughan Allan, Brad Burton, Tony Cadrin, Bob Leatherbarrow, Steve Minions, Phil Nantais, Claude Ribordy, and Phil Roulston)

Doug Flaig and Scott Trollope resigned from the Committee after serving eight and three years respectively. On behalf of the Society, the Committee wishes to thank Doug and Scott for their service.

The Link Award was established in 1958 to promote high standards for presentation of oral papers given at the Society's Luncheon meetings.

In the year ending in August, 2003, five of nineteen papers were eligible for the award, a lower than usual number, perhaps indicative of the difficulties encountered by the Technical Luncheon Committee in scheduling talks from the Membership versus the larger geological community.

The winner of the 2003 Link Award is Gerry Reinson, for his paper entitled "Interpretation of Incised Valleys, Deltas and Estuaries In The Alberta Foreland Basin-Stratigraphic Implications And Constraints" presented January 9th, 2003.

J.B. WEBB MEMORIAL TROPHY & CSPG TROPHY (Keith Bottriell, Chair)

No report submitted.

MEDAL OF MERIT (Jim Barclay, Chair; Rob Scammell, Kevin Root, Ross Mclean, Mark Mallamo, Adam Hedinger).

The Medal of Merit of the Canadian Society of Petroleum Geologists is awarded annually for the “best paper related to Canadian petroleum geology” published during the previous publication year, in this case for year-2002 papers. The Committee reviewed tables of contents from appropriate journals and in fall 2003 we read selected abstracts, read selected papers and selected a short list of the most promising papers. With the usual lively discussion, the Committee chose the following paper by Brian A. Zaitlin and co-authors:

“Depositional styles in a low accommodation foreland basin setting: an example from the Basal Quartz (Lower Cretaceous), southern Alberta. B.A. Zaitlin, M.J. Warren, D. Potocki, L. Rosenthal and R. Boyd. *Bulletin of Canadian Petroleum Geology*, v. 50, no. 1 (March 2002 issue), p. 31-72.

This paper was chosen because of its thorough regional and detailed study that provides a series of important maps on the Basal Quartz units throughout all of southern Alberta. Beyond a detailed and state-of-the-art stratigraphic and sedimentologic analysis, the paper is notable for its creative interpretations of the mapping and stratigraphy that comment on geometry changes in regional valley systems, on textural lithologic trends within the section and accommodation styles in the basin during Basal Quartz deposition.

The regional framework of the “BQ” presented in this paper provides a unique and important contribution that is applicable to exploration and research in this prolific yet previously poorly understood unit.

From the publication year of 2002, we observed a surfeit of mainly “clastic” papers that made it to our long and short lists, reflecting in part the contributions within the notable “Fluvial Systems” volume published by the CSPG in March 2002. The winning paper was taken from this volume and it is noteworthy that we also considered the two companion papers to the chosen paper by Lukie et al. and Arnott et al. as “honourable mentions” (cited below). We did so because we felt that the 3 papers taken together represent a significant body of work on the Basal Quartz unit, a formation that had hitherto not received much attention in the published literature. In addition, many of us can attest to encountering the BQ “channels” in exploration work and perhaps without having a full regional picture of the

stratigraphic development of the unit. Contrast perhaps, the BQ in the literature to western Canadian units such as the Viking or Cardium or Leduc!

These three papers are also notable in that the work was done as a very large project by staff and consulting geologists working for Encana Corporation (at the time, PanCanadian Petroleum Ltd.). This corporation is to be commended by the CSPG for permitting publication of these papers.

Honourable Mention Papers

Choosing a “best paper” is like being forced to choose one’s favourite child, hopefully an impossible task. In addition to the winning paper, there usually are equally-deserving excellent papers that comprise our “short list”. We feel these papers deserve an honourable mention and also that it is a useful service to point these papers out to the CSPG membership:

- Arnott, Zaitlin and Potocki, Stratigraphic response to sedimentation ... Basal Quartz, (“Fluvial Systems Volume”, Bull. of Can. Petrol. Geol., March 2002) (companion paper to winning paper by Zaitlin et al.);
- de Freitas, Concentration of carbon dioxide in the atmosphere really dangerous? (Bull. of Can. Petrol. Geol., June 2002);
- Griffith, McCabe and Williams (editors), Fluvial Systems through Space and Time: from Source to Sea Volume, (Bull. of Can. Petrol. Geol., March 2002);
- Hubbard, Gingras, Pemberton and Thomas, Wave-dominated estuary sandstones... Reservoir development (Bluesky Formation and Willapa Bay) (“Fluvial Systems Volume”, Bull. of Can. Petrol. Geol., March 2002);
- Law and Curtis (editors), “Unconventional Petroleum Systems Volume”, (Amer. Assoc. Petrol. Geol. Bull., November 2002).
- Lukie, Ardies, Dalrymple and Zaitlin. Alluvial architecture of the Horsefly unit (Basal Quartz), (“Fluvial Systems Volume”, Bull. of Can. Petrol. Geol., March 2002) (companion paper to winning paper by Zaitlin et al.);
- Morrow, Zhao and Stasiuk, Gas-bearing Presqu’île Dolomite of the Cordova Embayment, B.C. (Amer. Assoc. Petrol. Geol. Bull., September 2002);

- Plint, Paleovalley systems ... Dunvegan Formation (Bull. of Can. Petrol. Geol., June 2002); (n.b., citations shortened here; ordered alphabetically here by senior author – no ranking of these papers implied by this order)

The Committee is pleased to report that most of the papers listed above were published mainly by CSPG members either within our *Bulletin* of Canadian Petroleum Geology or within our sister society's AAPG *Bulletin*.

Discussion of Evaluation Process

During 2003 the Committee evaluated refereed papers published in a variety of Canadian and international journals, books and government publications and also uses searches of literature databases. Publications evaluated included those in the CSPG *Bulletin*, AAPG *Bulletin*, CJES, Geoscience Canada, GSA *Bulletin*, Geology, Sedimentology, Journal of Sedimentary Research, Basin Research, Palaios, Journal of Structural Geology, Tectonics, and Geological Survey of Canada *Bulletins* and Papers. The criteria the Committee used to choose the best paper include relevance to Canadian petroleum geology, regional implications to western Canadian sedimentary geology, quality of the science, quality of presentation, amount of data, and presentation of new ideas and interpretations.

This year there were many very good and excellent papers that did not make it to our admittedly subjectively chosen short list of excellent papers suitable for this award and cited above as either the winner or the "honourable mentions". We often are forced to separate out papers that are clearly excellent papers but that do not have a clearly-made direct relevance to "Canadian petroleum geology", as the CSPG bylaws phrase the criterion. We also tend to choose papers that have the broadest of implications to exploration work and also we often tend therefore to choose papers that are regional in scope over those with a narrower focus. Again, we thus often eliminate excellent papers that we deem to be finer in their focus. In our defense, we can state that we definitely favour papers with loads of data presented in a clear fashion with sensible writing and clever illustrations that serve to back up the authors' interpretations.

Acknowledgements

As Chair, I would like to thank the Committee members for their continued diligence in compiling and reviewing tables of contents, abstracts and papers. We would also like to thank SouthPoint Resources Ltd. for letting us use their meeting room for our meetings. This year the pizza did not stain the boardroom table.

R.J.W. DOUGLAS MEDAL (Andrew C. Newsome, Chair)

The R.J.W. Douglas Medal was awarded to Dr. Clinton D. A. Dahlstrom. For full citations please see the March 2004 issue of the *Bulletin*.

STANLEY SLIPPER GOLD MEDAL (John Hogg, Chair, Peter Harrington, Peter Hay, Marc Charest)

The Stanley Slipper Gold Medal is the CSPG's most prestigious award. The award is named for Mr. Stanley E. Slipper, 1890-1982, who was the Alberta Society of Petroleum Geologists first President and a pioneer of early exploration efforts in Alberta.

The medal is presented annually by the CSPG outstanding contributions to oil and gas exploration in Canada. The medal was established in 1989 and was designed by Calgary sculptor, Bob Stowell.

The contributions of the winner of this award can encompass one or more activities related to aspects of petroleum exploration. Such activities may include, initiating and or leading exploration programs, teaching and or training and mentoring of explorationists, innovative exploration concepts, and involvement and demonstrated leadership within geological societies and professional organizations.

The 2003 winner of the medal is Robert Yurkovich from Duvernay Oil.

Robert Yurkovich was born in Kirkland Lake and raised in the small Northern Ontario gold mining town of Larder Lake. Bob graduated with an Honours BSc in Earth Science from the University of Waterloo in 1979 and entered the oil patch with BP Canada in 1979 as a junior geologist in the heavy oil group. In 1980, Bob moved to Shell Canada as an exploration geologist and from 1980-1993 he worked the

Western Canadian Sedimentary Basin in Alberta, British Columbia, and Saskatchewan, exclusively in exploration at increasing levels of responsibility. Bob was considered one of Shell's premier play generators during the eighties and early nineties leading to a number of discoveries both individual and by teams under his leadership.

The most personally satisfying of these discoveries for Bob was the Sturgeon Lake Leduc pinnacle reef. His last assignment at Shell was as Team Leader New Ventures-Western Canada. In 1993, Bob joined Berkley Petroleum Corp., shortly after its formation, as Vice-President of Exploration and helped to build the strong team of explorationists that became the engine that drove Berkley. From 1993 to 2001, Bob was directly involved in the growth of the exploration focused junior with a number of key discoveries that were both company and partner initiated.

Personally satisfying for Bob were the discoveries made at Carstairs, Alberta and Midale, Saskatchewan. The company achieved tremendous growth from 485 to 30,000 barrels of oil per day equivalent primarily through exploration using the drill bit. Recognizing the contribution of the Midale discovery and the Ordovician play to Saskatchewan, Bob received the Saskatchewan 'Oil Man of the Year' Award in 1997.

In 2001 Bob joined in the formation of Duvernay Oil Corp. as Vice President Exploration and leads a group of dedicated explorationist that believe more hydrocarbons will be found in the Western Canada Sedimentary Basin.

The Midale Red River discovery has its roots in the Ordovician play started in 1951 with the discovery of Red River oil in the US portion of the Williston Basin and the resultant legacy of information accumulated from 1951 to 1995. Deep, Ordovician-target drilling efforts in southeast Saskatchewan during the 50s and 60s led to major shallow Mississippian discoveries, the Lake Alma Red River pool and 45 deep tests. Drilling during the mid 80s yielded deep discoveries at Minton Red River and Tableland Winnipegosis as well as doubling the deep well count and providing a legacy of modern seismic data. The Midale discovery and resurgence of the Ordovician play resulted from the review and synthesis of the previous 44 years of deep

exploration. Questions were asked and answered. Why were the previous deep tests proposed? What did they look like on modern seismic? Could the Reservoir and oil shows be explained? What were the similarities and differences between the U.S. and Canadian portions of the Williston Basin? Geological, geophysical and geochemical models were proposed and an exploratory well Berkley Midale 04-02-7-11W2 was drilled and was successful impacting the play and the company.

Bob's successful efforts on the Midale oil trend give all explorationists the vision of what hydrocarbons could remain in any area after the large companies abandon an area and good scientific research are completed on the information derived from the wells remaining.

TRACKS, SERVICE AND VOLUNTEER AWARDS (Debbie Horbachewski, Chair)

The winners of the Tracks Awards for 2002-2003 were:

Mark Cooper
Peter Hay
Glenn Karlen

The winners of the Service Awards for 2002-2003 were:

Jack MacMillan
Stefan Bachu
Selena Billesberger
Tim Bird
Dave Brown
Nathan Bruder
James Burns
Marc Charest
Doug Flaig
Karen Greengrass
Doug Hamilton
Pat Jans
Gary Johannson
Don Keith
James Lamb
Bob Leatherbarrow
Bob MacDonald
Mazhar Qayyum
Ralph Rudser
Malcolm Shaw
Lousie Shaw
Chris Tanglis
Kent Wilkinson
Cheryl Wright

The winners of the Volunteer Awards for 2002-2003 were:

Chuck Buckley
Dean Bull
Sean Callaghan
Steve Cliff
Greg Dyble
Lori Ennis
Jim Gardner
John Gordon
Penny Gray
Steve Haysom
Debbie Horbachewski
Nathan Humphrey
Karl Jors
Dave Kisilevsky
Jurgen Kraus
Aaron Leblanc
Tim Loehr
Blythe Lowe
Dianne Martin
Vern Mathison
Derrick McClure
Brian McKinstry
Kevin Meyer
Lori Meyer
Stuart Mitchel
Rachel Newrick
Paul Piovoso
Jack Porter
Garry Prost
Scott Rose
Asma Saleem
Wendy Sheir
Stacia Skappak
Nadya Slemko
Gillian Stoyko
Dave Swaggar
Scott Trollope
Kendal Umscheid
Jennifer Unterschut
Krista Walker
Wallace Wells
Jay Williams
Richard Wong
Colin Yeo

SOCIAL EVENTS

PAST PRESIDENT'S DINNER (Bruce McIntyre, Chair)

No report submitted.

AWARDS DINNER (Douglas Carsted, Chair; report submitted by Joanne Bunz, Awards Coordinator)

On February 18, 2003, the CSPG Annual Awards Dinner hosted 130 guests at the Palliser Hotel in Calgary. This event is held every year to recognize, reward and celebrate excellence within our society. This year the Society was joined by representatives from the AAPG House of Delegates, APEGGA, CAPP, CSEG, CCEI, and The Petroleum Society.

This year our guest speaker was Dr. Steve Herrero, who gave a slide presentation entitled "The Eastern Slopes Grizzly Bear Project."

The Awards ceremony began with the presentation of the President's Award, which is given each year to an individual or organization for outstanding contributions to the Society. This year's President's Award was presented to Gerry Reinson for his work as chair of the 2002 Diamond Jubilee Convention.

The Medal of Merit is awarded for the best paper published during the previous year. This year's Medal of Merit was awarded to Kevin G. Root, author of the paper "Devonian Antler fold and thrust belt and foreland basin development in the Southern Canadian Cordillera: implications for the Western Canada Sedimentary Basin", published in the *Bulletin* of Canadian Petroleum Geology, v. 49, no. 1 (March issue), pp7 – 36.

Honorary Membership is presented each year to the person, or persons, who has made outstanding contributions to the society and to the cause of petroleum geology on a national or international basis. This year's Honorary Membership acknowledged the contributions of two individuals, Ed Klovan, who has made numerous contributions to the CSPG, and Dr. Ray Yole of Carleton University.

The R.J.W. Douglas Award is awarded annually for outstanding contributions to the understanding of sedimentary geology in Canada, commending major contributions to regional tectonics, petroleum and structural geology. This year's recipient, Dr. Graham Davies, was recognized for his vast body of work covering the complex controls on stratigraphy and diagenesis as a result of his extensive regional work throughout the Western Canada Sedimentary Basin.

The evening ended with the presentation of the

CSPG's most prestigious award, the Stanley Slipper Gold Medal. The Slipper Medal is awarded annually to an outstanding contributor to oil and gas exploration in Canada. This year's recipient was Harm Larue, in recognition of his vision in seeking new exploration trends in established areas.

Overall, the evening was a huge success, and enjoyed by all who attended. Special thanks to Douglas Carsted of Sproule Associates for organizing another successful Awards Dinner. Further thanks to our corporate sponsors Core Lab, Graham Davies Geological Consulting, Moose Oils Ltd., Reinson Consultants, Sigma and Sproule Associates Ltd.

MEN'S ANNUAL GOLF TOURNAMENT (Bob Nixon, Chair)

No report submitted.

MIXED GOLF COMMITTEE (Dick Willott, Chair)

The 14th annual CSPG Mixed golf tournament was held at D'Arcy Ranch on August 22, 2003. Another nice sunny day, and a full slate of 144 participants. The Low Gross trophy was won by the team of Gregg Perras, Jay Williams, Joan Tittlemore and Barry Mazurkewich; Low Net was captured by Roy Smith, Drew Cadenhead, Denis Gosselin and Clarence Campbell; the High Gross trophy was awarded to the very *honest* team of Rick Bartlett, Mark Bilyk, John Ostrom and Penny Harley. Andrew Arthur won the putting contest prize (\$600 gift certificate for the Springs at Radium), and Dorothy Haeberle won the mountain bike draw.

Organizing the tournament were Dick Willott (Chair), David Middleton (registration), Ron Britton, David Caldwell, Penny Harley (sponsorship, assisted by Kim MacLean), Rick Sereda looking after the prizes, Norm Hopkins doing the trophies, and Jane Crandall looking after miscellaneous duties, including scoring.

Many thanks to all the committee members; their hard work is greatly appreciated by all attendees. Thanks to all the sponsors and contributors, especially to Financial Management, our Main Sponsor, for their continuing and generous support. Our sponsors will be recognized with a slide and some kind words at a technical luncheon, possibly in November. And, finally,

thanks to all our members who came out for another fine day of golf and socializing.

Next year's tournament will be held on August 27, 2004 at D'Arcy Ranch. If you or your company would like to be a sponsor, or if you feel you would like to contribute a few hours to helping with the organizing, please contact Dick Willott at Boyd PetroSearch (543-5387, or email dickw@boydpetro.com).

SQUASH TOURNAMENT (Kent Wilkinson, Chair)

The 20th Annual CSPG Squash Tournament was a great success. The tournament had 125 participants whacking squash balls, socializing, and talking rocks. Our generous and committed sponsors enabled us to put on a first rate tournament and provide lots of refreshments and prizes. As organizers we would like to thank all of our sponsors for their support.

Tournament Sponsor: Tucker Wireline Services.

Premiere Sponsor: Baker Hughes Canada

Platinum Sponsors:

Northstar Drillstem Testers, Reeves Wireline, Geo-X Systems Ltd., Pason Energy Systems, Geo-Logic Systems Ltd., Solid State Geophysical Inc., Global Link Data Solutions Ltd., ECL (Decollement), Tokpella Resources Ltd., Belloy Petroleum Consulting Ltd., Wellsite Gas Detection Inc., Pulse Data Inc., Blue Castle Corp, United Oil and Gas Consultants

Gold Sponsors:

AGAT Laboratories, Core Laboratories Canada Ltd., Datalog Canada Ltd., IHS Accumap Ltd., Kelman Technologies, Hycal, Meloche Monnex, Northwest Labs., Rakhit Petroleum Consulting Ltd., Sensor Geophysical Ltd., Veritas Geoservices, Waterous Securities, Manta Sport, Landmark-Geographix, Computalog, Ryan Energy, Hydro-Fax Resources, Continental Laboratories Ltd

Silver Sponsors:

Sproule, Qmax, Seisview Ltd., Varidata Surveys Ltd., Winterclub, Copyseis, CSPG. Pro Geo Consultants, Geo-Stones, Canadian Discovery Ltd., Chianti Café, Beast, Stoakes Consulting Group,

Special thanks to Committee members: Andrea

Henry, Colin Thiessen, Alan Rutherford, Randi Christiansen, Andrew Royle, David Caldwell, Chris May, Randy Smith, Jessie Gould, Andrea Bell, Greg Loughlin, Dwayne Sparks, and Brian Fyke

Tournament Champions:
Men's A: Dave Safton
Men's A Runner up: Kevin Richmond
Men's A Con: Harry Issler
Men's B: John Schnessle
Men's B Runner up: Ken Chong
Men's B Con: Ed Chow
Men's C: Ryan Barnett
Men's C Runner up: Patrick Stinson
Men's C Con: Bob Bonner
Men's D: Simon Brame
Men's D Runner up: Malcolm Albery
Men's D Con: Chris Slind
Men's E: Darryl Lang
Men's E Runner up: Dion Lobreau
Men's E Con: Garnett Knopp

Women's A: Cindy Riediger
Women's A: Runner up: Karen Blakey
Women's B: Hannah Laplante
Women's B: Runner up: Flo Reynolds
Women's C: Andrea Henry
Women's C: Runner up: Tina Chow
Women's D: Jessie Gould
Women's D: Runner up: Randi Christiansen
Women's E: Jackie Lobreau
Women's E: Runner up: Stacia Scappak
Women's E Con: Rebecca Dunne

10K ROAD RACE AND FUN RUN (Stuart Mitchell, Chair)

As in years past, our annual CSPG 10Km race was a terrific time for more than 130 participants. This amazing race attracts a loyal following of endorphin craving runners and the odd 'athlete' who likes to celebrate a little exercise with some pizza and beer. Race day was just about perfect with temperatures of near 18C and rainy days before and after! The course followed the favored route, going out past Crowchild Trail and back to Eau Claire staying on the south side of the beautiful, babbling Bow River. The runners enjoyed a tail wind for the last half of the course to help improve their running times.

Tim DeFreitas and Ashley de Jonge were the fastest male and female geologists and Kees Sinke and Lorna Hawley defended their titles of fastest male and female geophysicists. James

Grant was the fastest male overall and Syl Corbett the fastest female. These well-trained athletes are people to whom we can all aspire.

Our sponsors deserve a great deal of recognition for the success of this well loved CSPG social event. Their generous funding did more than make our event possible, they made it fantastic. A mammoth thanks to all our Sponsors.

Most important, the heart and soul of our race depends upon the participation of many dedicated volunteers and committee members. A huge thank-you for helping make this race fun and popular.

Please see www.cspg.org for the results, sponsors and volunteers. Please help me welcome our new race director, Greg Hayden of Chevron Texaco and be sure to mark your calendar now, next year's race is scheduled for Wednesday September 15th.

CSPG/CSEG ANNUAL HOCKEY TOURNAMENT (Frank Pogubila, Chair)

No report submitted.

OUTREACH PROGRAMS

PUBLIC AFFAIRS COMMITTEE (Jon S. Dudley, Chair; Jon Greggs, Brad Molnar, Stan Stancliffe, Stan Williams, with assistance from Kim Maclean (Corporate Relations) and Jaime Croft (Communications))

In 2002/2003 the Public Affairs Committee (PAC) 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

Trifold Display

The portable display including CSPG background information, CSPG history, and other attractive graphics from past *Reservoir* covers continues to be upgraded. It serves as a CSPG focal point for attendees at mixers, public events, etc. Last year it was used at the Honorary Address at the Jubilee Auditorium, the APEGGA U of C Mixer, GeoSciEd IV, the Alberta Palaeontological

Society annual seminar, and undergraduate geology conferences.

CSPG Portfolios

In order to assist in distributing CSPG materials a new portfolio has been designed and will be printed early in the next fiscal year. The PAC continues to provide assembled portfolios for distribution by CSPG representatives at various events.

Brochures

With the able assistance of Jaime Croft, a new brochure was designed and debuted at the 2003 Annual Conference. This brochure is specifically targeted at potential CSPG members amongst practicing geologists. It is the first in a planned series targetting specific demographics including students, general public, potential sponsors, etc.

CSPG Acknowledgement Poster

The event sponsorship poster acknowledging the role of the CSPG continued to be distributed across the country at CSPG sponsored events such as student conferences and the numerous campuses visited by the distinguished lecture tours arranged by the Outreach Committee.

PowerPoint Overview of the CSPG

As an aid for the lecturers on the Outreach Distinguished Lecture Tours, a PowerPoint presentation was created which highlights the many activities of the CSPG. This is to be used by the individual lecturers to provide some background on the CSPG as a preface to their respective feature presentation.

Branding and “The Source” slogan

In order to enhance the CSPG profile it is important to establish a consistent “look” to all CSPG materials so that there is instant brand recognition and association to the society. Jaime Croft has assisted the PAC with designing this common brand look which is now being used on the new portfolio, the trifold display, the brochure series, and information circulars on publications, promotional opportunities, and career opportunities.

In an attempt to provide the society with a unifying, motivating symbol, the PAC devised a

slogan and associated symbol. “The Source” slogan and stylized oil drop is not a replacement of the CSPG logo, which remains intact, but rather attempts to capture the “vision” of the society as the source of services to its membership including networking, life-long learning, career information, pride in the profession, and public awareness of its contribution to society. “The Source” slogan and symbol made its debut as a large banner at the CSPG Centre at the 2003 annual conference.

Events Attended

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
Atlantic Universities Geological conference
AAPG, Salt Lake City
Western Inter-university Undergraduate Geology Conference
Outreach Distinguished Lecture Tours
GeoSciEd IV International Conference

Sales at events included geological highway maps, “Geological Wonders in Alberta”, and the “Yoho Burgess Shale Geoscience Guide”. Sales were particularly successful (over 400 items) at the GeoSciEd IV conference. 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.

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)
Foothills Hospital Country Auction (request in '02 to provide bronze as fund raising auction item, provided in '03)

Press Releases

The CSPG's "Climate Change" website link was publicized through a press release to both electronic and print media. The PAC contracted a freelance journalist to update its press distribution list (emails and faxes) and will likely do this periodically in the future to keep the distribution list current.

Education Outreach

The PAC Chair represents the CSPG at annual CGEN (Canadian Geoscience Education Network) meetings as a way to capitalize on synergies between societies in this area of common interest.

As a result of attending the CGEN meeting in Vancouver, January 2002, the PAC has commenced involvement in the development of an Earth Science Careers Website to be used as a resource for high school students and / or career councilors. The PAC is to produce a website on the Petroleum Geologist Career. This will then be used as part of the CSPG website and as a prototype for CGEN to use in soliciting similar contributions from other geoscience bodies to add the numerous subdisciplines of geoscience and thereby build the larger Earth Sciences Careers Website.

The PAC has started to build a team to tackle this project and will continue to do so in the next fiscal year with an emphasis on recruiting educators and some high school students. Another priority will be to solicit occupational profiles from a number of members spanning the breadth of demographics and subdisciplines within Petroleum Geology.

Looking Ahead

In the coming year, the following are priority activities for the PA Committee:

1. Recruit additional committee members
2. Improve the layout and design of the trifold display
3. Maintain a stock of publicity materials and ensure all other CSPG committees are aware of availability
4. Build team, plan and create the Petroleum Geologist Career website
5. Develop "Guidelines for the Development of CSPG Publicity Materials and Use of the Logo"

In the longer term, the PAC anticipates projects to address the following:

1. Improve materials for general public events (e.g. customize the trifold, stock give away novelty items, establish a use for the rock sample kits, develop activities for public at general events such as Geology in the Mall)
2. Build stronger ties with media
3. Address the need for a coordinated outreach program to schools (e.g. with APEGGA, PCF)

CONFERENCES, CONVENTIONS, SEMINARS AND SYMPOSIA

COMMITTEE ON CONVENTIONS (George Eynon (GEOS) Chair, John Cody (EnCana), Steve Grasby (GSC), Roger Walker (consultant), and Lori Humphrey-Clements (CSPG Convention Manager))

This is a standing committee for long-range planning of CSPG conventions and similar events. The committee's mandate is to improve the business, technical and operational aspects of our conventions and related programs. The committee takes a broad, long-range planning view, and explores options outside the traditional annual convention format.

We have initiated two new annual events—the Gussow Geoscience Conference series, and the CSPG Seminar and Core Conference series. As well, we develop a roster of future convention chairs, from volunteers who have excelled in previous conventions, and welcome member suggestions and volunteers for general chairs and other organizing committee positions. The committee advises on a variety of convention management aspects, as necessary, with the outgoing convention committee and CSPG staff: standards for print and electronic submission of abstracts; abstract deadlines, format and length; the abstract review process; convention operations policies; continuity of relations with the available facilities and their staff, etc.

There are also several other parts of the Society with which this committee needs to communicate to avoid duplication of effort: the Divisions are directly involved in the long-range planning of additional events; some of our work could be construed as continuing education functions; and, some of the activities will result in records of the proceedings on CD, which are part of the

publications committee purview. However, it is clear that providing a range of activities for our members is a major part of our mandate. A brief summary of our committee activities follows.

CSPG Annual Conventions

2003 CSPG-CSEG Joint Convention

The Committee on Conventions was involved in two aspects of the 2003 joint convention. First, we initiated the profit sharing negotiations, which were later transferred to the two societies' executive committees. Second, we helped review and revise various convention-related documents—field trip leaders' and short course instructors' agreements, field trip safety policy, etc—for use with this and subsequent conventions.

2004 CSPG-CHOA-CWLS Joint Convention

The Committee on Conventions identified and solicited the CSPG general chair, Ian Moffat, and coordinated the initial meetings with the other societies' general chairs, Daryl Wightman (CHOA), and Ken Faurshou (CWLS). The committee also helped identify and secure some of the volunteers to fill other key positions. The committee prepared the JV Agreement, which provides for a profit sharing with respect to joint activities, as well as single society activities. The profits from joint activities are split according to an agreed membership ratio. Specific society profits accrue to the sponsoring society. In addition, we developed the initial *pro forma* budget for the organizing committee.

2005 AAPG Annual Meeting & Convention

The AAPG is returning to Calgary after more than a decade—it was last here in 1992—and the meeting will once again be at the Stampede Park facilities. John Hogg and Marty Hewitt are the General Chair and Co-Chair, respectively. Both are also heavily involved in various AAPG affairs.

2006 and Beyond

We are examining options for future meetings. Both the CSEG and CWLS have expressed a desire to participate with us more frequently, and the CSPG executive has endorsed another pan-Canadian event—GeoCanada 2010—which this committee will address with the other societies.

CSPG Gussow Geoscience Conference series

The CSPG has resurrected the “Banff Conference” style of single topic mini-conference in Q1 of each year, which has been named for William Gussow—a Past President of the Society and a distinguished Canadian scientist. This will be an annual series of 2-day mini-conferences on specialized topics, at a location close to Calgary to minimize travel time and expenses. An excellent way to seed this conference series is through the CSPG Divisions. Several events are planned or are being contemplated for the next few years.

Groundwater Resources and Energy Development – March 19-21, 2004

Co-Chairs: Steve Grasby, John Cody and Phil Esslinger

The first such event is on the role of water resources and hydrogeology in energy development of all types. The idea is to examine all groundwater issues are related to energy resource development—resource availability for heavy oil and bitumen steam floods, coal bed methane produced water disposal, aquifer and surface water contamination issues, etc. There will be four half-day sessions, each with 4-5 invited speakers, with lengthy moderated panel discussions.

Western Canada's Unconventional Resources: Coal Bed Methane – Q1 2005

This event will be hosted and organized by the CSPG Unconventional Resources Division, and Matt Caddel is coordinating the initial work.

Western Canadian Foothills and Fold Belt Structural Styles – Q1 2006

This event will be hosted and organized by the CSPG Structural Division, and Andy Newson is coordinating the initial work.

Western Canadian Devonian Symposium – Q1 2007

An update of the Devonian Symposium has been suggested; Ian McIlreath is examining the viability of such an event.

CSPG (as yet un-named) Seminar & Core workshop series

The Committee on Conventions created the idea of an annual core conference separate from the event presented so successfully for many years now as an integral part of the CSPG annual convention. We want to capitalize on the AEUB core research facility to provide an additional opportunity each year for CSPG members to get to grips with the rocks. This core workshop series does not, as yet, have a formal name and we seek the members' help in suggesting an appropriate CSPG historical individual to whom we might dedicate this series.

Dolomites Seminar and Core Workshop – January 13-15, 2004

Co-Chairs: Graham Davies and Jeff Packard

The first core conference in the series is a world-class event that will focus on all aspects of dolomites. It combines a one-day invited speaker seminar session downtown, followed by a two-day core workshop at the AEUB. Detailed proceedings will be provided to attendees on a CD, which will be also available for purchase separately afterwards since the event will be of international significance. This committee provided the initial *pro forma* budget.

Palaeosols in Clastics and Carbonates – Q3 2005

The committee has been approached by a cadre of CSPG members to help set up a core conference on Palaeosols in Q3 of 2005, possibly as a joint venture with SEPM.

Cretaceous of Southern Alberta and Montana – Q3 2006

The committee is contemplating a joint event with the Montana Geological Society, to include a seminar and core conference, in association with several field trips.

Other Events

2005 GAC-CSPG Atlantic Margin Conference, Halifax

CSPG co-chair: Grant Wach (Dalhousie University)

The CSPG has agreed to co-host the event with GAC just a month before the AAPG annual meeting in Calgary. It is unlikely there will be

much overlap of the two events in terms of personnel, given their separate venues.

GeoSciEd IV Core Seminar for K-12 and post-secondary teachers

Co-presenters: Brad Hayes and Frank Stoakes
As part of a public outreach program two volunteers from the CSPG, with the help of the staff of the AEUB core research facility, provided a unique opportunity for geoscience teachers to examine first hand the actual the rocks, previously buried deep beneath the surface, from which oil & gas are produced. It was a half-day core seminar, tailored for K-12 teachers, focusing the content on the level of students they deal with. GeoSciEd IV participants got "hands-on" with a series of cores from wells drilled through some of western Canada's main oil & gas Reservoirs.

2003 CONVENTION COMMITTEE (Wayne Foo, CSPG General Chair; Jim Stenhouse, CSEG General Chair)

PARTNERS in a New ENVIRONMENT, the 2003 Joint Convention of CSPG and CSEG, ran from June 2 to June 6 and was a great success by every measure.

The Annual Convention of the Society is its keynote activity:

- From a Social perspective, it is the only Society activity that regularly draws more than half of the membership.
- From a Technical perspective, it provides a program with elements from virtually all the Divisions.
- From a Financial perspective, it generates more than half the gross revenue and net income.

Our Society is defined largely by its Convention. In 2003, PARTNERS in a New ENVIRONMENT attracted 4100 delegates and exhibitors to a technical program comprising 240 papers and 60 posters. Two exhibit halls were sold out, and a record level of sponsorship was achieved. Other stakeholders were also well served through a community outreach session, an extremely successful student program, and continuation of the long time members' reception. In another first, one of our luncheon speakers received a standing ovation from an audience of reserved scientists. (NOTE: In terms of scale, the AAPG

annual meeting in Salt Lake City attracted only 4500.)

Organizing Committee

The organizing committee had both CSPG and CSEG membership. Individual Society representation is indicated below.

General Co-Chair (CSPG): Wayne Foo
General Co-Chair (CSEG): Jim Stenhouse
Finance Chair: James Burns - CSPG
Technical Program Chairs: Mike Clement – CSEG; Mark Cooper – CSPG
Sponsorship: James Lamb – CSPG; Cherene Crawford - CSEG
Exhibits: John Townsley – CSEG; Carmen Swalwell - CSEG
Marketing/Publicity: Cheryl Wright – CSPG; Karen Greengrass - CSPG
Logistics: Mike Stevenson - CSEG
Registration: Bob MacDonald – CSPG; Kevin Marsh - CSEG
Special Events: Dave Mackie – CSEG; Louise Shaw – CSPG; Malcolm Shaw - CSPG
Publications/Printing: Corey Hooge - CSEG
CSPG Conventions Manager: Lori Humphrey-Clements
CSEG Managing Director: Jim Racette

Technical Committee

Scheduling Coordinator: Stephen Carlton - CSEG
Posters: Roger Fife – CSPG; Dave Gray - CSEG
Core Conference: Pat Jans - CSPG
Field Trips: Ralph Rudser - CSPG
Short Courses (CSPG): Nathan Bruder
Short Courses (CSEG): Darrol Proskow
Judging & Awards: Maggie Stratton - CSEG
Abstract Submissions: Satinder Chopra - CSEG
Sub-Committees:
Exhibits Committee: Sean Callaghan; Wallace Wells; Dave Swaggar
Logistics Committee: David Chown - CSEG
IceBreaker: Dean Bull – CSPG; Diane Dawson - CSEG
Luncheons: Stacia Skappak – CSPG; Richard Wong - CSPG
Speaker's Breakfast: Maggie Stratton - CSEG
Core Meltdown: Penny Gray - CSPG
Student-Faculty Reception: Gillian Stoyko - CSPG
Long-time Members Reception: Nathan Humphrey - CSPG

Chair/Volunteer Recognition Night: Paul Piovoso – CSPG
Special Events Committee: Cindy Lang - CSEG

Technical Program

Mark Cooper (CSPG), Mike Clement (CSEG) and their committee did an outstanding job of assembling a program that was both topical and representative of the theme. Sessions and session chairmen included:

Sessions

1. Canadian Geoscientists of the Future I to VI
2. Exploration in Canadian Frontier Basins I to V
3. Unconventional Gas Resources in North America I and II
4. Accommodation Controls on Depositional Systems and Reservoir Development I and II
5. Applied Stratigraphic Techniques I & II
6. Hydrothermal Dolomites and Related Reservoirs
7. Extracting the Value: New Insights from Risk Analysis and Economics in E&P
8. Trends in Employment, Compensation and Demographics
9. Back to the Surface: Critical Skills for Explorationists as Company Ambassadors and Environmental Stewards
10. International Exploration by Canadian Companies
11. Financing Start-up Exploration and Production Companies
12. Exploring for Gas in Rocky Mountain Basins
13. Source Rock, Maturation, Seal Capacity, Pressure Prediction and Application of Geochemical Methods
14. Sedimentology and Stratigraphy
15. Geostatistics of Depositional Systems – Implications for Reservoir Characterization and Modeling
16. Structural Geology
17. Significant Exploration in Western Canada
18. Links between Tectonics, Sedimentation and Hydrocarbon Plays in the Western Canada Foreland Basin I & II
19. Miscellaneous Geological Papers
20. Seismic Processing I and II

21. Multi-component and Time Lapse Processing I & II
22. Migration Techniques I and II
23. Magnetic, Resistivity and Microseismic Techniques I & II
24. Seismic Geomorphology and Seismic Stratigraphy from 3D Seismic Data I and II
25. AVO Methods
26. Imaging for AVO
27. AVO: Beyond Isotropy and P-Waves
28. Miscellaneous Geophysical Papers
29. Extraction of Rock Properties from Seismic Data
30. Geophysical Surveys and Acquisition

Cretaceous Cadomin Formation of the Deep Basin Area AB

Best Geophysical Paper

Dave Timko, Kristy Howe, Richard Spiteri
Seismic calibration to gamma ray logs.

Best Integrated Paper

Barry Hebner and *Mike Doty*
Discovery of a Pembina Nisku Oil Pool: A Case History of a Nisku Shelf Edge Play

Best Student Paper – Andrew Baille Award

As part of the effort to increase student member involvement, the Canadian Geoscientists of the Future - Student Presentations ran through all 3 days (1.5 - geological focus; 1.5 - geophysical focus). Students were winners of many of the Technical Awards, including Best Core Presentation.

Michele Asgar-Deen

A case study of barite as a stratigraphic tool: an indicator of pauses in sedimentation?

Best Geological Poster

Glen S. Stockmal

Inferred Exposure of a "Pop-Up" Structure in the Outer Foothills, Crowsnest Pass Area, Alberta

Best Geophysical Poster

Satinder Chopra and Doug Pruden

Multi-Attribute Seismic Analysis on AVO derived parameters-a case study

Best Integrated Poster

David Deline and *John Dixon*

Seismic Interpretation and Physical Analog Modelling of a Sub-Surface Lateral Ramp in the Southern Canadian Rockies (Crowsnest Pass Area, S.W. Alberta)

Best Student Poster – Andrew Baille Award

Pavlo Cholach and *Douglas R. Schmitt*

Intrinsic anisotropy of shales

Best Core Presentation & Best Student Core Presentation

Micheal Hearn

Wave and River-Dominated Deltaic Deposits in the Lower Cretaceous (Neocomian) Kamik Formation in the Parsons Lake Gas Field, Mackenzie Delta Region, Northwest Territories

Best Integrated Core Presentation

Over 260 oral/poster/core abstracts were received by the January 31 Submission Deadline. In addition to the 30 sessions noted above, 65 Posters were presented. Quality of Poster presentations this year was much improved, partly as a result of including a Sample on the website.

The Core Conference comprised 16 presentations on the usual wide range of topics. As in past years, this tremendous learning opportunity (and the accompanying "Core Meltdown") would not have been possible without the full support of Guenter Wellmann and his staff at the AEUB Core Research Centre. They close their facility for 2 days out of every year without charge to the Convention, representing a major sponsorship. As well, 12 Field Trips (CSPG led) and 14 Short Courses (All CSPG) were conducted with very high participation. Roger Fife, Pat Jans, Ralph Rudser and Nathan Bruder all get a big thumbs up for making their components of the technical program informative and "on budget".

Awards for Technical Presentations

Best Geological Paper

Michael Johnson and Robert W. Dalrymple
Negative accommodation and its influence on Reservoir geometry and quality: The Lower

Lisa A. Griffith, Debbie White, Tina Chow and Megan Jubb
Good to the last drop- Countless Upper Mannville 'D' Oil Pool, Southern Alberta Canada

Sponsorship

Sponsor response for the joint convention was outstanding. The following companies are thanked and recognized for their 2003 contributions and continued support of CSPG Conventions & Conferences:

SHAREHOLDER - \$25,000 +

Veritas DGC Inc.
EnCana Corporation

STRATEGIC ALLIANCE - \$15,000 +

Schlumberger

JOINT VENTURE - \$10,000 +

Dominion Energy Canada Ltd.
Olympic Seismic Ltd.
Nexen Inc.
ConocoPhillips Canada Limited
Anadarko Canada Corporation
Shell Canada Ltd.
Devon Canada Corporation
Baker Atlas
Prospect Oasis
AEUB

PARTNERSHIP - \$5,000 +

Landmark Graphics
Geomodeling Technology Corp
Suncor Energy
Talisman Energy
IHS Accumap
Petro-Canada Oil & Gas
Husky Energy Inc

ASSOCIATE - \$2,000 +

Zokero Inc.
Hampson -Russell Software Services Ltd.
OyoGeospace Canada, Inc.
Pro Geo Consultants
Sigma Explorations Inc.
GEDCO/SIS
Genesis Corporate Search Ltd
Hycal Energy Research Laboratories Ltd.
Core Laboratories Canada Ltd.
Earth Signal Processing
Northrock Resources Ltd.
Canadian Natural Resources Limited
Penn West Petroleum Ltd.
Tucker Wireline Services

Provident Energy Ltd
Geo-X System Ltd
SMART 4D Modelling, A product of United Oil & Gas
Paradigm Geophysical Canada Ltd.
Divestco.com
Arcis Corporation
Pulse Data Inc.

Exhibits

Our partnership with CSEG resulted in an increased profile for the Trade Show element of the Convention. Exhibit Hall D, comprising 50,000 sq. ft. adjacent to the Palomino Rooms, was sold out the first week in February and an additional 15,000 sq. ft. in Hall A was opened to take advantage of proximity to the 3 large theatres in the Archie Boyce / Hall A complex.

As detailed under Finance below, approximately 10% of Convention revenues are derived from selling Exhibits space. Notwithstanding the revenue aspect, our Exhibitors are an integral part of the Convention as they showcase new technology and provide a venue for gathering and, well, "convening" in a convenient, central area.

I'd like to offer thanks on behalf of the Society to all our Exhibitors. Those Exhibitors live or die on bringing awareness of their products and services to the marketplace. When CSEG is not a participant in our annual Convention, the Trade Show aspect is greatly diminished. If we hope to maintain an annual Exhibitor presence at our Society's Convention, we must all take the time to visit and convene with those valued stakeholders.

Review of Events

Registration

CSPG has adopted a philosophy of encouraging early registration by providing significant discounts for advance registrants, providing on-line service, and decreasing service for On-site Registration.

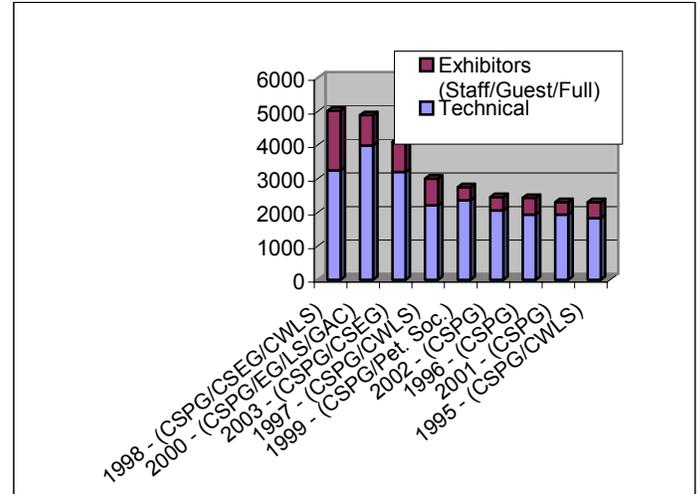
For 2003, 65% of delegates took advantage of Early Registration (April 25 cut off) and 90% Advance Registered (May 20 cut off).

Recognizing that some attendees will always maintain flexibility as late as possible, and

anticipating the larger registration for a joint convention, on-site service was increased by 50% over past years. Nevertheless, significant delays of up to 2 hours were experienced by those seeking to register Monday morning.

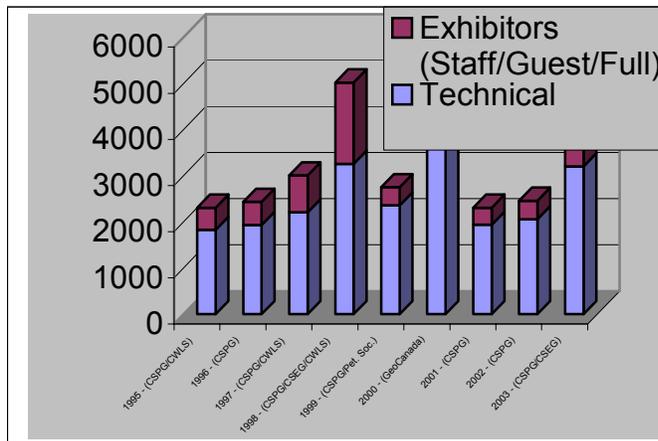
High participation in Advance Registration is essential for Convention planning, in particular for Field Trips, Short Courses and Special Events.

CSPG must continue to provide incentives for Early Registration, and there will always be some delay associated with On-site Registration. We encourage the Executive to determine what is an appropriate delay so that future Convention Committees may plan for that level of service.



Attendance

CSPG now has 9 years of reasonable attendance data for analysis of patterns, as summarized below:



Several patterns are immediately evident:

1. CSPG (Stand-alone) meetings draw approximately 2300 to 2500 total attendees
2. CSPG / CSEG meetings draw approximately 4000 to 5000 total attendees. Δ approximately 1800.
3. Technical delegate numbers are impacted primarily by CSEG participation
4. Other Societies – CWLS, CIM Petroleum Society, GAC-MAC have a smaller incremental effect on either CSPG (1995, 1997, 1999) or Joint CSPG / CSEG (1998, 2000) meetings. Δ approximately 200 to 500 per society.
5. CWLS and CSEG attract larger participation of Exhibitors, their staff, and guests.

The obvious conclusion from these data is that the greatest historical impact on attendance has been through Joint Meetings held with CSEG, and Partners in a New Environment reinforced that trend.

Review of Venue

Consistent with the theme, this year's meeting was held in a new location at the Round Up Centre on the Calgary Exhibition and Stampede grounds.

CSPG has utilized a variety of locations for its last 10 Conventions including the "old" Convention Centre, the "new" Telus Convention Centre, and the University of Calgary. It had

been some time since CSPG had utilized the Round Up Centre because of concerns over transit, inadequate lecture facilities, and a lack of onsite food and beverage services for days when there was no programmed luncheon.

In 2003, Partners in a New Environment proved that the Round Up Centre is cost effective and that means exist to remedy all prior concerns.

- Cost is approximately half of Telus Convention Centre
- Available Exhibits space is much larger, outside space also available
- Luncheon setup is good, food cost reasonable
- Lunch counter setups provided options for delegates on non luncheon days
- Calgary Transit passes were obtained for 4000 delegates for \$13,500 for the week
- Available theatre space is excellent: by constructing 2 temporary, hard-walled theatres at a cost of \$15,000 there were 2700 seats available
- Rotary House, the Corral, the Harvest Room and other peripheral venues are available for receptions and related functions.

However, there remain some concerns to be addressed

- Hall C is unavailable during High School graduation season, from May 1 to June 20. This means that Exhibit space is not contiguous with the Palomino rooms.

Finances

Net income, CSPG share, for PARTNERS in a New ENVIRONMENT was \$407,580. Total revenue was \$1,709,488.00, with total costs of \$981,894. Net income for the convention in total was \$727,594, which was split with the CSEG according to an agreement negotiated in April 2002.

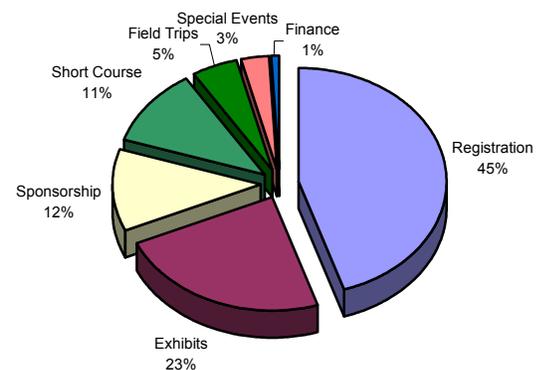
Historically there has been a poor understanding of where the convention derives its revenues, where costs are incurred and what is done with any "Profits". The annual convention funds approximately half of the Society's operating budget and is the major event of the year. Although CSPG is a "Not for Profit Organization" that does not mean that the Society cannot make

profits: it simply means that profits cannot be paid out to the membership. Profits may be earned, retained and used for advancing the mandate and programs of the Society.

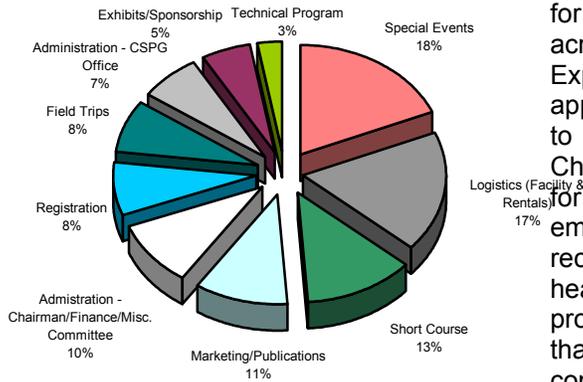
For 2003, Registration of delegates produced about half the total revenue, as shown below, with the balance comprising 20% from Exhibits, 10% from Sponsorship, and 10% from Short Courses and Field Trips. Sponsorship revenue was split almost evenly between Exploration and Production (E&P) Companies and Service Companies. Registration is weighted heavily toward E&P organizations, and Exhibits are drawn largely from Service Companies.

Costs are also fairly simple to divide out. The largest expense for the Convention is... **food and beverage!** Facility rental, services such as A/V and security, and delegate materials are each approximately 10%. Administration expenses, largely paid staff at CSPG office and onsite during the event, is less than 10% of total cost and is intended to improve service to Exhibitors, Sponsors and Registrants while reducing the volunteer time required.

Revenue



Expenses



In closing

It was a tremendous honour to serve the Society as chair of the annual convention for 2003. Most of the satisfaction derives from working with the outstanding staff at CSPG and a tremendous group of volunteers, extending from the members of the organizing committee all the way to students who proved that they will do (almost) anything for a good convention and free beer. I offer my sincere appreciation, and that of the Society, to all of you.

To Ian Moffat and the 2004 ICE Committee, best wishes for a similar experience from all of us who were PARTNERS in a New ENVIRONMENT.

2004 CONVENTION COMMITTEE (Ian Moffat, CSPG Co-Chair)



Planning for the 2004 Joint Convention began in earnest early in 2003. The Convention will be co-sponsored by the Canadian Heavy Oil Association (CHOA) and the Canadian Well Logging Society (CWLS) with appointed co-

Chairman Daryl Wightman (CHOA) and Ken Fauschou (CWLS). The general theme chosen for the convention is encapsulated in the acronym I.C.E., Innovation, Collaboration and Exploitation, which speaks to the multidisciplinary approach that is now nearly universally requisite to successful E & P endeavors. The Co-Chairman also saw 2004 as the opportune time for a joint convention that would have some emphasis in heavy oil given that it was only recently that production of synthetic crude from heavy oil outpaced conventional crude production. It is also now commonly recognized that if heavy oil is given the same status as conventional resources, Canada is suddenly catapulted to the top tier of worldwide oil producing states. It is the organizers hope to help highlight those areas where geologic innovation and collaboration with other disciplines has resulted in the successful exploitation of not only our heavy oil resources but also conventional oil and gas.

Following on the heels of the success of the 2003 convention venue, I.C.E. 2004 will be held at the Round-Up center. Dates for the convention have been set for May 31- June 4. As has become the standard in many of our previous conventions, the last two days of the convention will see the Core Conference sponsored by and held at the AEUB core storage facility. Planning for technical sessions is well advanced with plans to send out the call for Abstracts at the end of October. The technical program is set to kick-off with a plenary session that will see several high-profile industry leaders speaking on the common theme of the future of the Oil and Gas Business from the Canadian company perspective. Plans are also in the works for a thematic session that would run throughout the conference dealing with various aspects of heavy oil geology. The technical program committee has made a goal this year of having "quality rather than quantity" and believe that they may well end up refusing abstract submissions for the first time in 2004. At the time of writing the initial planning for field trips and short courses has just commenced, with committee chairman and possible field trip leaders and short course instructors having been identified. Planning for Special Events for the Convention are also well underway. Currently we have plans for an icebreaker, which would be held, in the Exhibits venue, a core wrap-up party following the close of the Core Conference and receptions for long-time members and student-faculty-industry. In addition we have altered the

normal convention luncheon schedule such that we will have one luncheon with a high-profile speaker and a second luncheon that will be more informal and would be held in the Exhibits venue. The search for exhibitors and sponsors has gotten a relatively early start for this convention with related revenue already beginning to appear.

In general I think it is safe to say that planning for I.C.E. 2004, Innovation, Collaboration and Exploitation is well ahead of the normal planning schedule for most CSPG conventions. Our current plan is to deliver an excellent technical program while still generating a profit for the society on par with the past several years.

The following outlines the current I.C.E. 2004 organization:

Finance Chair: Ted Watchuk (CSPG)
 Technical Program Chairs: Richard Evoy (CSPG); Grant Spencer (CWLS); K.C. Yeung (CHOA)
 Sponsorship: Mike Seifert (CSPG)
 Exhibits: Doug Hardman (CWLS); Nick Brkich (CWLS)
 Marketing/Publicity: Memory Jimmy (CSPG); Shannon Nelson (CWLS)
 Special Events: Paul Piovoso (CSPG)
 Publications/Printing: Richard Thom (CSPG)
 CSPG Conventions Manager: Lori Humphrey-Clements

Technical Committee

Posters: Lawrence Bernstien (CSPG)
 Core Conference: Mark Caplan (CSPG); Rudy Strobl (CHOA)
 Field Trips: Murray Gingras (CSPG); Don Munro (CSPG)
 Short Courses : Grant Los (CSPG); Denis Meloche (CSPG); Mark Doig (CHOA); John Nieto (CWLS)
 Judging & Awards: Mark Ducheck (CWLS)

Sub-Committees

Exhibits Committee: Tim Steels; Nolan Moore; Wallace Wells
 Special Events: Sarita Parks; Kym Fawcett; Nicolas Ayre; Jennifer Marques; Jocelyn Keith-Asante

Below is a listing of the currently proposed technical session content:

- Heavy Oil - from grass roots exploration to final production project overview, geology and geophysics, drilling and completions, Reservoir and production, and facilities
- Innovations in the acquisition and application of LWD, and wireline data.
- Advances in technique and application of core and cutting analysis.
- The multidisciplinary role of petrophysics – interpretation, integration and case studies.
- Exploration and development in foreign and frontier regions.
- Unconventional gas resources
- Structural controls on stratigraphy and Reservoir distribution
- Pool studies: clastic and carbonate.
- Petrographic characteristics and mineralogic sensitivity of Reservoirs in the WCSB.
- Recent advances in facies models

FALL/WINTER CORE CONFERENCE COMMITTEE (Graham Davies and Jeff Packard, Technical Chairs)

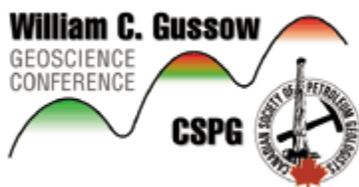
Dolomites: The Spectrum

Honorary Chair: Eric Mountjoy
Technical Chairs: Graham Davies & Jeff Packard

As a new CSPG initiative, a one day Seminar and a two-day Core Conference have been organized for January 13-15, 2004. The overall program is titled **“Dolomites: The Spectrum: Mechanisms, Models, Reservoir Development”**. There are seven invited speakers for the Seminar; they are Lawrence Hardie (The Johns Hopkins University), Dave Morrow (GSC), Taury Smith (New York State Reservoir Group), Fiona Whitaker (University of Bristol), Noel James and Kurt Keyser (Queen’s University, and Jack Wendte (GSC). The core conference will feature 26 core and poster presentations covering many western Canadian dolomite types, but also material from the Arctic, Cayman Islands and Australia. The seminar will be held at the Telus Convention Centre, with buffet lunch included and an evening Reception. The Core Conference will be held at the AEUB Core Research Centre, with box lunches included on both days. All speaker abstracts and core presentation write-ups will be published in CD format (only).

Registration is limited to 250 participants, at a fee of \$375.00 for CSPG members and \$450 for non-members.

WILLIAM C. GUSSOW GEOSCIENCE CONFERENCE (Stephen Grasby (GSC), John Cody (EnCana) & Phil Esslinger (Rakhit Petroleum Consulting) - Co-Chairs; Dion Lobreau (Talisman) – Treasurer; Reghan Ottenson (SafteyBOSS) – Sponsorship; and Lori Humphrey-Clements (CSPG Convention Manager)



**William C. Gussow Geoscience Conference
“Water Resources & Energy Development”
March 19 – 20, 2004
Canmore, Alberta**

The CSPG has decided to create a separate geoscience conference series along the lines of the now defunct Banff conference and has it after William C. Gussow, a world-renowned geologist and a Past President of the CSPG.

The first in the new series is in Canmore March 19 - 20, 2004. Organized by the CSPG's Hydrogeology Division, the intention of the conference is to present the current state of technical knowledge as well as to create an atmosphere where discussions amongst the participants are encouraged to facilitate the sharing of ideas, problems and solutions across disciplines. The meeting will have three half-day focus sessions with presentations by invited specialists, in addition to a delegate's poster session. A wrap up round-table discussion will follow each session. Conference registration is limited to 250 delegates in order to facilitate a high degree of interaction.

The meeting will have three main sessions:

- **Water resources for petroleum exploration and production** (Dr. Kevin Parks, Alberta Geological Survey, Chair) – keynote speaker: Dr. Marios Sophocleous, Kansas Geological Survey
- **Resource Conflict** (Dave McGee, Alberta Environment, Chair): Industrial impacts on

surface and shallow groundwater resources – keynote speaker: Dr. Bill Gunter, Alberta Research Council

- **Handling and disposal of produced water** (Dr. Ian Hutcheon, University of Calgary, - Chair); Coalbed Methane waters, co-produced freshwaters from shallow gas, SAGD produced water, treatment and compatibility, disposal of acid gases into aquifers, etc. – keynote speaker: Dr. David Percy, Dean of Law, University of Alberta

SOCIETY LIAISONS

AAPG HOUSE OF DELEGATES (Dave Scott, Chair)

No report submitted.

NORTH AMERICAN COMMISSION ON STRATIGRAPHIC NOMENCLATURE (NASCN) (CSPG Commissioners R. W. Yole and Brian R. Pratt)

No report submitted.

CSPG/APEGGA LIAISON (Ian McIlreath, Chair; Peter Putnam)

Peter Putnam's term as APEGGA Liaison concluded about midyear. Ian McIlreath a current Councilor on APEGGA Council has assumed the role. There is not a great deal to report this year other than the CSPG and the CSEG meets ideally twice a year with APEGGA at their Geoscience Liaison Group meetings. So far only one meeting has been held in March to discuss possible joint initiatives like an expanded participation in future CSPG and CSEG conferences; ongoing efforts such continued joint participation in the Geoscience Professional Development Centre (UofC); and matters of concern to a particular group, i.e. modification of the professional practice exam for geoscientists. A very positive step forward in relations has been the hiring of Ms. Penny Colton (P.Geoph.) as Manager of Geoscience Affairs in the new APEGGA Calgary office.

CSPG/GAC LIAISON (Terry McCoy, Chair)

No report submitted.

WORLD PETROLEUM CONGRESS (Paul Price, Chair)

No report submitted.

COMMUNICATIONS

COMMUNICATIONS COMMITTEE (Ashton Embry, Communications Director; Mark Cooper, New Publications; Richard Thom, Publication Sales; Tim de Freitas, *Bulletin*; Ben McKenzie, *Reservoir*; Gary Johansson/Dave Hills, Calendar; Glenn Karlen, Electronic Communications; Peter Hay, Index of Publications; Larry Boyd, Member-at-Large; Jaime Croft, Communications Manager)

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

- 1) The digitization of all *Bulletins* from 1976 onwards has been completed. These are now available through AAPG DataPages. All previous *Bulletins* are currently being digitized.
- 2) A digital index and search engine for all CSPG publications is now available on the CSPG website. Glen Karlen and Peter Hay were instrumental in bringing this important project on line.
- 3) Work has begun on the preparation of a digital version of CSPG's greatest publication, The Atlas of the Western Canada Sedimentary Basin. Grant Mossop, the editor-in-chief of the hard copy Atlas, is leading this project
- 4) CSPG has become an initial member of GeoScienceWorld which is an aggregate of digital, peer-reviewed, high quality journals from across all earth sciences, published by qualified nonprofit organizations such as societies. The aggregate will be available to universities throughout the world. Ashton Embry, our Communications Director, is currently serving on the Advisory Committee of GSW.

In addition, publication of the *Reservoir* and the *Bulletin* continues to run smoothly thanks to all the efforts of the volunteers and staff connected with these flagship publications. Tim de Freitas and his copy editors produced four excellent issues of the *Bulletin*. Ben McKenzie became the

technical editor of the *Reservoir* last year and kept up the tradition of including a variety of interesting articles to accompany all the announcements. Gary Johansson did a fine job of producing yet another very picturesque calendar. After seven years on the job Gary has decided to step down for a well-deserved breather. He recruited Dave Hills to take over the calendar committee and Dave is doing an excellent job of readying the 2004 calendar for distribution with the October *Reservoir*.

All those connected with the CSPG Publications Committee continue to do an outstanding job, notably Jaime Croft, our staff Communication Manager, who efficiently and cheerfully coordinates all the many and varied activities.

STRATIGRAPHIC NOMENCLATURE (Ashton Embry, Chair; Jim Barclay, Ed Niewinski, Tony Tankard, Ed Wright)

Two manuscripts were submitted to the committee. Notably in both cases the authors had done an excellent job of meeting all the requirements for naming new lithostratigraphic units.

BULLETIN OF CANADIAN PETROLEUM GEOLOGY (Tim de Freitas, Editor)

No report submitted.

RESERVOIR (Ben McKenzie, Technical Editor; Jaime Croft, Coordinating Editor and Operations; Kim MacLean, Corporate Relations Manager and Advertising)

The objective of the *Reservoir* is to produce a high-quality monthly magazine which both informs the membership of upcoming CSPG events and provides short articles on topics of geoscience interest. We welcome and solicit input from the membership, other geoscience societies, and members of the petroleum industry in general.

The pace of the industry is such that it is difficult to find people with the time to write technical articles, however brief they may be. That aside, a number of professionals did contribute to the cause and the quality of the *Reservoir* benefited from their involvement. The ongoing efforts of Jaime and Kim are also noted and highly appreciated.

Our goal for the coming year is to increase the technical content of the *Reservoir*. In this, we hope to include more information on geoscience topics from across Canada and internationally. As well, we will be investigating ways to digitally deliver the *Reservoir* in order to broaden its availability and improve its timeliness.

ELECTRONIC COMMUNICATIONS COMMITTEE

Committee currently inactive. The CSPG website, www.cspg.org, is maintained and updated on a regular basis by Jaimè Croft, Communications Manager.

CALENDAR COMMITTEE (Dave Hills, Chair)

No report submitted.

INDEX OF PUBLICATIONS (Peter Hay, Chair; Bruce McIntyre, Gordon Stabb, Barry Dargie, Michele Innes)

The CSPG Index Committee compiles lists of keywords or subjects which describe the contents of each paper published by the CSPG, whether in the *Bulletin*, *Memoirs*, *Guidebooks* or special publications. This listing of CSPG papers sorted by keywords, as well as by authors and NTS areas has been published three times by the CSPG, in 1978, 1984 and 1995 and in the December *Bulletin* for each subsequent year. All of this indexed data, referring to about 5000 CSPG papers, has now been combined into one gigantic computerized data base, available online through the CSPG website. Retrieval of references to CSPG published data is now available to all CSPG members as well as the general public at no cost.

Retrieval of references to CSPG papers can be made by searching for subjects or authors or NTS areas, or any combination thereof. For example, a list of papers referring to the Lower Cretaceous in NTS area 0820 (i.e. Calgary area), or Cardium papers which also contain references to Hydrodynamics could be retrieved.

BUSINESS

ADVERTISING COMMITTEE (Norbert Alwast – Fekete Associates Inc. & Tim Bird – Canadian Natural Resources Ltd., Co-Chairs; Bob Kuchinski – Reeves Wireline, Shannon Reid –

Norwest Labs; Kim MacLean – CSPG Corporate Relations Manager:)

Our committee is responsible for overseeing advertising and marketing issues across the Society. We participate in the Technical Luncheons, *Reservoir* magazine and website. This year, we joined forces with Kim MacLean, the CSPG Corporate Relations Manager. Together, we work toward initiatives designed to generate revenue for the society.

The CSPG Technical Luncheons are our main focus. We coordinate and prepare advertising and general society announcement presentations. We would like to thank Reeves Wireline for supplying the computer for luncheon advertising and also for assisting in preparing the ad presentations. As always, we continue to look for ways to improve luncheon advertising through table and other ads. The slide trivia (“Geopardy”) at the technical luncheons is one of the results.

The CSPG *Reservoir* design and layout is now being handled by CSPG staff. Kim MacLean is actively pursuing advertising for the magazine. We continue to be involved on a peripheral basis. We also sit on the CSPG Publications Committee. We endeavor to raise the profile of the CSPG in order to support our activities.

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

CSPG EDUCATIONAL TRUST FUND

EDUCATIONAL TRUST FUND (Chair: Graeme Bloy; Finance Director: Tim Bird; Directors: Dean Clemenson, Ed Wright, Lisa Sack, John Cuthbertson, Cindy Riediger, Doug Hamilton, Gary Kelman, Astrid Arts; CSPG Directors: Craig Lamb, Lisa Griffith; Corporate Fundraising: Kim MacLean, Business Manager: Tim Howard)

The CSPG Educational Trust Fund (ETF) is the charitable “arm” of the CSPG. The ETF was originally established as the fundraising entity to fund the Student Industry Fieldtrip (SIFT). Over the past five years, the ETF has been given the responsibility to fund several more programs, such as the honorary address, undergraduate and graduate student scholarships, visiting

lecture tours to universities, funding university conferences, general philanthropy & the Andrew Baillie awards. The role of the ETF is to encourage students from pre-school to university to consider geology in the petroleum industry as a career option.

During 2003 the ETF funded \$97,630.00 to the aforementioned programs. The following committees were instrumental in executing these effective programs, they are SIFT chaired by Mike DesRoches, Honourary Address co-chaired by Brent Wrathall & Lorraine Kish and University Outreach chaired by Brad Hayes.

This past year the ETF under general philanthropy funded the following projects:

- 1.) Field seminar guidebooks for the GEOSCIED conference held in Calgary, these guidebooks will eventually be posted on the CSPG website for general public access.
- 2.) Publication costs for the Geology of Mount Robson Provincial Park pamphlet (10,750 copies)
- 3.) The "Stones & Bones" program at the Canmore Geoscience Centre
- 4.) EdGeo webpage (www.edgeo.org) the ETF is the major fundor of this geoscience resource for teachers and the general public.
- 5.) Yoho Burgess Shale Foundation
- 6.) Mount Royal College Rock Garden – an innovative place to teach geological mapping.

The CSPG Trust fund investments are managed by *The Calgary Foundation*; this allows "arms-length" stewardship of the hard won donations to the fund. After some difficult years the fund is growing with the balance at \$794,000.00 as of Dec., 31, 2003. The CSPG this past year hired Kim MacLean to handle the solicitation of corporate donations for both the CSPG and the ETF. Kim has raised a significant donations for the operating side of the ETF such that the fund itself can continue to grow, without being tapped into. The challenge for the CSPG ETF is to become self-sustaining, such that it can fund programs that the CSPG has offloaded to it. After several years of exploring funding alternatives, the ETF has settled on developing and initiating an active individual donor program and a program to request bequeaths in 2004.

STUDENT INDUSTRY FIELD TRIP STUDENT INDUSTRY FIELD TRIP (Mike DesRoches, Chair)

No report submitted.

HONORARY ADDRESS (Lorraine Kish & Brett Wrathall, Co-Chairs)

No report submitted.

UNIVERSITY OUTREACH (Brad Hayes, Chair)

No report submitted.

GRADUATE STUDENT THESIS AWARDS COMMITTEE CSPG GRADUATE STUDENT THESIS AWARDS COMMITTEE (Andre Chow, Chair)

The Graduate Thesis award for the Best PhD Thesis was awarded to Arndt Peterhänsel. The Graduate Thesis award for the Best M.Sc. Thesis was awarded to Kevin L. Treptau. The 2003 recipient of an Honourable Mention in the M.Sc. Thesis Award was Erin Crerar. For full citations see the March 2004 issue of the *Bulletin*.

REGIONAL GRADUATE/UNDERGRADUATE SCHOLARSHIPS (Shawna Christensen, Chair; David Kisilevsky and Angela Kolisnik)

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 2003 recipients are:

- Western Canada - Lori Meyer (University of Calgary) – MSc. *Internal architecture of an ancient passive margin basin-floor fan turbidite system, Upper Kaza Group, Windermere Supergroup, Castle Creek, British Columbia, Canada.*
- Central Canada - Silvia Mancini (University of Toronto) – PhD. *Assessing biodegradation of petroleum hydrocarbons in groundwater using stable isotope analysis.*
- Eastern Canada - Shawna Weir (Saint Mary's University) – MSc. *Lithostratigraphy,*

Structure and Provenance of the Orpheus Graben.

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 2003 recipients are:

- Western Canada - Tashia Dzikowski (University of Manitoba)
- Central Canada - Geoffrey Newton (Laurentian University)
- Eastern Canada - Lila Dolansky (Saint Mary's University)

The C.A.S.T. (Canadian Aboriginal Science and Technology Society) awards a scholarship of \$1,000 presented to an outstanding aboriginal who is enrolled in geology at a Canadian University or college in 2002/2003. This year's recipient was Keith Diakiw from the University of Alberta.

UNDERGRADUATE STUDENT AWARDS COMMITTEE (Chris Tanglis, Chair)

No report submitted.