

Geo-soundings

NEWSLETTER - MARCH 2002

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ENROLMENTS

TOTAL ENROLMENTS FOR 2001 ARE:

BSc (Geophysics) Undergraduates & Honours	33 + 17
Grad Diploma	0
Postgraduate Diploma	0
MSc (Geophysics) - Coursework	2
MSc (Geophysics) - Research	1
MSc (Geoscience Exploration) - Coursework	1
PhD	17

2001 GRADUATES WERE:

Master of Science (by Research)

Christopher H. Walton

Master of Science Geoscience Exploration (by Coursework)

Christophe Salti

Master of Mineral Exploration Technologies (by Coursework)

Stephen Busuttill

Ian R. Garsed

BSc (Geophysics) Honours

Bronwyn M. Calleja

Tristan W. Campbell

Richard A. Frew

Robert J. Galvin

Martin T. Kim

Margarita L. Norvill

Matthew S. Noteboom

Karen J. Pittard

Mitchell S. Tomlinson

BSc (Geophysics)

Triegue S. Allen

Tristan C. Allen

Kimberley R. Bone

Barrett M. Cameron

Jamie W. Connell

Grant A. Coopes

Reece E. Foster

Karen M. Gilgallon

Benn R. Hansen

Mark J. Jecks

Gemma L. King

Paul R. Korona

Adam P. Kroll

Sean M. Plunkett

Michael J. Poole

Jared A. Townsend

Bachelor of Science - Multidisciplinary Science (majoring in

Geophysics)

Justin Vermeulen

MID-YEAR 2001

BSc (Geophysics) Honours

John C. Sheppard II

Elvyn T. Wise

ALUMNI

Many of you may have already received the questionnaire regarding the New Geophysics Alumni. Thank you to those who have returned their questionnaire. Any contributions that you may have for the Alumni Newsletter would be most appreciated, and please do not feel reserved about presenting any ideas that you may have for social functions. If you have not yet received a questionnaire, or wish to put forward some ideas do not hesitate in contacting Margarita Norvill, the Geophysics Alumni coordinator by email at mnorvill@geophy.curtin.edu.au.

PRIZES/SCHOLARSHIPS

The following Scholarships have been awarded this year:

Alex Shepherd	IPRS Scholarship
Margarita Norvill	APA Industry Scholarship/CRC-LEME PhD Top-up Scholarship (3 years)
Don Hunter	APA Industry Scholarship/CRC-LEME PhD Top-up Scholarship (3 years)
Robert Galvin	Woodside Research Foundation PhD Scholarship (3 years) – \$20K/yr
Jason McKenna	APPEA K A Richards Memorial Scholarship
Gemma King	CRC-LEME Honours Scholarship (1 year)
Reece Foster	CRC-LEME Honours Scholarship (1 year)

JOURNAL PUBLICATIONS

Shapiro, S.A., and Gurevich, B., 2002, Seismic signatures of fluid transport – Introduction: Geophysics, **67**, 197-198.

Gurevich, B., 2002, Effect of fluid viscosity on elastic wave attenuation in porous rocks: Geophysics, **67**, 264-270.

STAFF

Jayson Meyers has been appointed **Associate Professor in Mineral Geophysics**. We welcome Jayson to the Department and look forward to a long association with him. Jayson's field is mineral geophysics, supported by a strong geological background. He has taught geology and geophysics at university level and has worked with a diversity of private and government project teams.

His new position is funded by the State Government Centre of Excellence for Exploration Mining and Production Geophysics.

His geophysical expertise will not only contribute directly to the Department's research programs, but his extensive network of industry links will help to create an industry funded consortium on behalf of the Department and new opportunities on behalf of all CRC LEME Programs.

LAUNCH OF GEOPHYSICS PLANE

During 2000, Norm, John and Brian from Exploration Geophysics, Raj and Robert from Petroleum Engineering, along with Kevin, Tony, and Xiuming amongst others of CSIRO Petroleum, attended a workshop which was formulated to develop cooperation and synergy between Curtin and CSIRO personnel. Adrian Williams of CSIRO and Paul Rossiter of Curtin coordinated the events.

Challenges were presented. An enduring example was the construction of two model aeroplanes which were built as the common tasks undertaken by two teams, and both aeroplanes were flown. This was instrumental in demonstrating that working together could produce results, and was symbolic of what close cooperation could achieve.

One of the model aeroplanes is now hanging in the space between the second and third floors in the CSIRO section of the building, while the other is displayed in the Curtin Geophysics area.

Believe it or not, they both flew at least one controlled lap! Both planes are dedicated to an enduring cooperation between CSIRO and Curtin.



Launching the Geophysics Plane

APCRC WORKSHOP

The annual APCRC Workshop was, for the second time, held on the West Coast, this time in Mandurah some 100 km south of Perth. Presentations were made as to the future developments in the directions of CO₂ sequestration. If funded, this new CRC will involve many current Exploration Geophysics personnel. The current APCRC Projects were also reviewed. The Workshop was attended by most of the Curtin personnel involved in petroleum research

CRGC MEETING - HOUSTON

An Extraordinary Annual General meeting of the CRGC was held in Houston on 24 January 2002. Alfonso Gonzalez of WesternGeco graciously arranged for us to use the WesternGeco auditorium for the meeting. There were 23 attendees including representatives from eight companies that are currently non-sponsors of CRGC. Although a costly exercise the purpose of the meeting was to showcase CRGC research expertise in the capital city of the oil industry. We feel that this meeting succeeded in its aim.

CRGC SPONSORS' MEETING

The 2001 Annual General Meeting of the CRGC was held at the Rottneest Island Authority's Country Club. Rottneest is an island some 16 km off the coast of WA and the aim was to sequester the audience from the charms of the big city. All the sponsors were represented and following the meeting they were left to review the current CRGC research program. The general view is that the program is on track and that there are some 'gems' to be found. At the meeting Dr Matt Lamont of BHP Billiton was elected Chairman of the CRGC Steering Committee, and Matt will be the principle contact for Curtin researchers.



Morning Tea at the Country Club



Enjoying Dinner at the Lodge on Thursday evening

HAYDN WILLIAMS FELLOW

Bill French completed a very successful prolonged visit to the Department on 28 February. Bill was here as the Haydn Williams Fellow, Curtin's most prestigious visiting fellowship. His Fellowship lecture on the development of 3D seismic technology was very well received and tabbed by PESA for national exposure. Presentations in Adelaide, Sydney, Melbourne, Brisbane, Canberra and Perth drew large audiences. Bill also worked closely with graduate students not only in Geophysics but also in Business.