

of Ross Sheppard's 2,139 students participated in the drive in a variety of ways. Many of them donated books they no longer needed. "We expected just over a thousand books," Briscoe and Karpman say. "To our surprise, we received almost 12,000, which is absolutely amazing for a first-time [literacy] project."

The outcome was a source of immense personal satisfaction for both because they were just learning the ropes, having joined the Interact club at its inception in March 2005. For the club, the success of the book drive was a big confidence booster. It was also an unforgettable lesson about Service Above Self, organizing, and not underestimating a community's capacity to help the needy.

"We as a group learned that there are many people who are in need that live in our own communities," Briscoe and Karpman note. "This project made a lot of us feel more of a reason to give back. We also found out that when the students of our school are pushed, they can move mountains."

There is no looking back for the Interact club, which is already planning more initiatives. A club-sponsored leadership conference for inner-city junior high school students is scheduled for 17 February, and a campaign is underway to raise C\$58,000 (US\$49,810) in support of an orphanage in Guatemala. Some club members will travel to Guatemala in mid-March to help build the orphanage.

Roster:

	This week	Next Week
Program	Diane Seckold Canberra Hospital Residences	Barry Howe and Harold Small John Loutitt Memorial Hall
Introduction	Keith Avent	Carlo Binutti
Appreciation	Peter Evans	Neale Emanuel
Sergeant	David Fox	David Fox
Fellowship	Bruce Wyatt Des Pain	Shukry Sahhar Des Henderson Kelly
Raven Recorder	John Gray	Ken Goard
Birthdays	nil	nil
Anniversaries	David and Jenny Fox 31st Jan	Murray and Edna Crowe 2nd Feb Keith and Yvonne Avent 10th Feb
Trash & Treasure	29th Jan Shukry Sahhar-Ian Excell 12th Feb Robin Cromer-Ajit Banerjee	5th Feb Des H-Kelly-Pamela Best 19th Feb Gary Scott-Eric Taylor

The Raven

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Tonight:

Diane Seckold

on

Canberra Hospital Residences

From 1973 to 1991 Diane worked as the Supply Officer at Royal Canberra Hospital, and from 1991 to 1997 she worked as the Hospital's representative on the Redevelopment Project. It was a very dynamic environment during those years.

From 1997 to the present, Diane has been the Manager of the Canberra Hospital Residences. She is a Member of the Hospitals Emergency Management Training Unit, and Justice of the Peace.

Last Week:

Six Club members attended the National Youth Science Forum at the University of Canberra where the guest speaker, **Professor Richard Arculus**, was introduced by Science student, Kog Selvarajan, of Gosford, NSW.



A Volcanic Career.

Richard, an igneous petrologist, came from the UK, petrology being the branch of geology concerned with the investigation of the composition, structure and history of the rock masses building up the accessible portions of the earth's crust. Richard studied geology at Durham University, entering on a Rugby scholarship. He came to the ANU Australia in the mid 1990s. He was an



SERVICE Above Self

investment analyst during his PhD period and was introduced to the outdoors with activities such as caving, which led to cave diving, a very risky activity. He also did alpine climbing, and decided he wanted an outdoor career. Richard now specialises in submarine volcanology. His PhD task was to map volcanoes in the Caribbean, the most beautiful tropical islands, such as the Lesser Antilles, Grenada, and St Vincent which has a huge crater lake of boiling water. The volcanoes in this area are the most explosive on earth, with oceanic plate tectonics creating earthquakes and volcanoes.

Eruptions comprise water, carbon dioxide and sulphur. The water in the magma is recycled seawater from the global water cycle. Richard is studying the earth's water budget, that is, water in and water out, to see how it all works. Locations of minerals can be predicted, such as copper, lead, zinc, gold in ore deposits, and diamonds in kimberlites. Black glass is formed from chilled magma. Many new creatures to be found on the ocean floor, however, we know more about the topography of Mars than the ocean floor on earth. A multibeam swath mapper is now being used to map the ocean floor. There are many calderas (larger depressions) and ridges and ships have run into underwater volcanoes.

Other volcanoes Richard has studied have been located at: Kamchatka in Russia, the Andes, Vanuatu, New Hebrides (currently active), Solomon Islands, Mt Fuji (basalt geochemistry), the spreading ridge system in the Solomon Islands, Papua New Guinea, and Tonga. Taupo in New Zealand, a slumbering giant which will erupt again, is 50 times the size of St Helens, and is ringed with seismograph warning systems. Richard, and his crew, amazingly, but rather dangerously, took a boat within 100 metres of Kavachi, a submarine volcano degassing in the south west Pacific ocean.



Sea levels are altered with global warming, glacial cycles, melting ice caps, ridge expansion and cretaceous global highstands. The potential hazard for tsunamis is immense, which could have disastrous consequences for low lying areas such as the Bay of Plenty in New Zealand.

The Professor was thanked by Forum member, Oliviero Venattacci, from Hobart, Tasmania, for his very interesting informative speech. *Thanks to Raven Recorder, Val Bland.*

Canadian Interactors bring joy of reading to inner-city schools

The reading menu for students at several inner-city schools in Edmonton, Alberta, Canada, has become more varied as a result of a literacy project of the Interact club at Ross Sheppard High School.



According to Jenna Briscoe and Matt Karpman, the 16-year-old 11th graders who coordinated the effort, libraries at many inner-city schools have far fewer holdings than at Ross Sheppard. "It is pretty serious when schools cannot afford books for their elementary students to read," the Interactors explain in a joint e-mail. "Some of the libraries that we visited were quite small. We can't speak for all of the schools, but the ones that we distributed to were in need."

After two weeks of planning, preparation, and promotion, the Interact club launched a monthlong book drive at the end of October. From preliminary research, the club set a modest goal of collecting 1,000 books to distribute to inner-city schools that enroll mostly poor students.

But club members were overwhelmed by the response. More than 75 percent

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