

## Primary School Visits



*Peter Molesworth & Sam Karpiniac demonstrating interesting lab techniques!*

The School of Chemistry has had a number of visits from Primary Schools from Hobart in the past weeks to take part in hands-on chemistry activities in the School's 1st year laboratories. The students have been making film canister rockets from vinegar and bi-carb (properties of gases), slime and worms (advanced polymers), separating colours explosive residues (forensics), making cabbage water indicator to test household items as acid or bases (environmental chemistry) and freezing and smashing lots of things with liquid nitrogen (advanced cryogenic 101). The students, ~250 to date, have had lots of fun, the comments have been fantastic to hear and these potential chemists of the future even learnt a few things. However, it is still hard at times to work out who is having the most fun, the kids or the guy sticking things into liquid nitrogen!!!!

This project has been possible through a **Community Engagement Grant from UTAS**

for which Jason, Emily, Michael and Rob are very grateful for as well as those who have helped out. In particular Andrew Grosse who has been very enthusiastic in assisting and preparing resources for this this project.

### **Some comments from the kids from Year 2/3, Albuera Street Primary:**

*Dear Dr Jason and helpers*

I enjoyed the science. My favourite was the rocket and the slime. But I liked everything else! I would love to come again. It was awesome! My rocket went half the size of the uni [I'm going to be a scientist] really! I get The Scientriffic. I have 3 magazines.

*Dear Dr Jason and helpers*

Thank you for showing us around and showing us cool stuff. We liked the rockets and slime worms and liquid nitrogen.

## Chemistry Dinner



*Some usual "suspects" enjoying the festivities!*

After a couple of years off, the **Chemistry Dinner** was back! On Friday 19th October, the Chemistry tea room was transformed into a colourful playroom for the 50 or so guests who attended.

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People ate, talked, and generally enjoyed winding down from the end of semester. As an official part of the evening's itinerary the traditional boat races were a particular highlight of the evening, as were the numerous Sing-star solo's heard throughout the evening. Thanks to all those who helped set-up, and run the evening, and to the tireless volunteers who came back the next day to clean up.

## New ChemClub Chair



We would like to welcome and congratulate **Jarrold Coad** for the new role of *Honorary Chair of the Chemistry Students Society* or well known as "ChemClub". Jarrod has been a committed member of the Society for some time and still continues to advise and support the club to grow and nurture its future. Welcome Jarrod!!!!!!

## Seminars

### **Wednesday 31 October—Introductory PhD Seminar**

Sam Poynter, "New Separation Technologies for Profiling Metabolites in Biological Samples".

Sam Karpinić, "Oligomerisation of Acetylene".

### **Wednesday 7 November—Introductory PhD Seminar**

Rowan Henderson, "Revolutionizing Lab-on-a-Chip: Integrating Polymer Electrodes".

Boon Khing Ng, "Simulation and Optimisation in Ion Chromatography".

### **Wednesday 14 November—Introductory PhD Seminar**

#### **Seminar**

Jessica Gathercole, "Tasmanian Devils- Determining a disease biomarker for DFTD".