



Swanbury Penglase

#81

With autumn now upon us, many exciting events and projects have already been unfolding in 2021. Under the microscope for this issue are some of our Lab Projects. We hope you enjoy it and wish you a happy and safe upcoming Easter break.



UniSA Bradley Building

Containment Labs

All the focus over the last year on the role of science in the fight of a certain virus brings to mind one of the most technical areas that we work in - Physical Containment labs.

PC labs are a particularly interesting and demanding type of project, serving a wide variety of functions, ranging from pathology testing through to research and manufacturing in a wide variety of fields embracing many different forms of life.

One of the most interesting aspects of these labs is working with the highly specialised scientists who use them. They exist in a whole realm of ideas and thinking very different from the day to day lives most of us live. In order for us to be able to create an effective environment, we need to fully understand their needs and work patterns so that we can translate scientific objectives into practical outcomes.

The key requirement of containment means that a lot of thought goes into management of air flow, which has received a lot of press recently as one of the main areas of concern in medi-

hotels. The principle in most cases is that of negative air pressure as well as filtering of the air before it is discharged.

In some instances, management of air leaks becomes a high priority and leaks have to be tracked down using special smoke generating 'pencils' that create telltale plumes for tracking air movement.

On top of that, every surface must be impervious and easily cleaned, and all joinery, fixtures and fittings must be designed to avoid dust and grime traps. Some of the specialised equipment involved raises its own challenges such as heavy weight, management of vibration etc.

Beyond all the technicalities, an overriding objective is always to make the spaces as interesting and attractive as possible, because at the end of the day these facilities are not only about containment and equipment, but ultimately about effective workplaces for people.

UniSA M² + the Plasso



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Flinders Uni Organic Chemistry

Sites Notes



Testing the drone



Office News

As the rollercoaster year of 2020 came to a close, the Swanbury Penglase team toasted their achievements with a delicious selection of wines, over a beautiful Christmas lunch at the scenic Golding Winery.

This year's Golden Swanny came down to a thrilling draw between Stephen S and Vitold. They were nominated for some rather questionable office purchase requests and an entertaining Zoom stream unknowingly shared to the office for several hours. The triumphant winners lifted a makeshift paper swan into the air in unison, as debut host Taylor had forgotten the perpetual trophy back at SP headquarters.

This year we celebrate the 20 year anniversary of two of our staff, Felicity S and Justin. We would like to thank them for their many and valued contributions. Congratulations on this incredible milestone!

We remember with mirth the day of Justin's job interview at Swanbury Penglase 20 years ago. It happened to coincide with office photo day. Mistaken for a current staff member, the photographer asked Justin for his picture and name. Justin confusing his name with what he was doing there, the SP team would later be surprised to find a mysterious 'Justin Applicant' amongst the head shots.

A new year brought many exciting arrivals to our office. The first baby of 2021, Olivia Anna Mortimer was born to Angus and his partner Gabrielle, at 3.54 kg. On the 17th of February, Lauren and husband Fergus welcomed Maggie Tait Jeans into the world, weighing in at 3.8kg. We look forward to their future office visits.

Life has been especially eventful for James, who both married and broke his toe in rapid succession (no connection between the two). We wish them both, and his toe all the best. In a curious twist of fate, the wedding took place at the Thomson Beach House, Willunga, an Eric Swanbury Architects design. It was one of the first projects Andrew P worked on, producing the working drawings.

Another notable recent event is the advent of the new office drone, met with much enthusiasm! Recently appointed Drone Manager Emma has been learning how to fly it and treated staff to some very amusing training about its potential and powerful applications in projects, as well operation and licensing rules.

The drone has already proved capable of producing satellite imagery far superior to online maps. It has allowed the heritage team in particular to capture previously inaccessible locations, including extreme close ups of tree branches. It will be great to see it slowly expand into more project disciplines and how it might influence schemes at larger scales such as masterplanning.

Last but not least, the popular Cake day celebrating staff birthdays has returned. A bit different than usual, we've been coming up with some various ways to ensure it is conducted in a Covid safe manner.

Staff Notes

Name: Emma Dohrmann

Position: Graduate of Architecture

Current projects: East End Markets Roof Gable, Silver to Sea Way, Camco Office & Warehouse, UniSA Enterprise Hub

What inspires you?: Places that give voices to their stories because they were designed with purpose

Design idols: Ai Wei Wei

Design you wished you could take credit for: Captain Kelly's Cottage - John Wardle Architects

Pencil vs computer (your preference): I believe it's about knowing the right tool for the job

Fav eatery: Loveon Cafe

Most treasured possession: My little Suzuki Grand Vitara

Best thing about living in Adelaide: I love that we are never more than a 10 minute drive from a great place to walk/hike

Fantasy (or next) holiday destination: Machu Picchu (fantasy destination)

First favourite song as a kid: Anything Justin Timberlake

Currently listening to: Klenke's ringtone

Life motto: "Just let it fly girl!" - Imparted by a wise man on Logan St after a cool breeze swept past

Superpower (if you could have one): Can I choose both the ability to fly and live without sleep? Then I would really make a great heritage architect

Growing up you thought you would be: A ballerina, until I realised it required coordination...

Memorable SP (Swanbury Penglase) moment: Crashing the new office drone at the Christmas Party



Olivia Mortimer



Maggie Jeans



Eric inspecting the Thomson Beach House

STAFF NOTES

