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High Energy Adrenalin 360 Surf and Skate Grommet Competition at Avalon Lives up to its Name

Matt Jones, local hero, being thanked by the girls he rescued at yesterday's Surf and Skate Competition. Photograph by Mike O'Flynn.

The Adrenalin 350 Surf and Skate Competition for boys and girls aged under 12 to under 16 years of age was a power packed display of skills in the Avalon skate rink and in the water all day yesterday. Difficult surf conditions tested those competing in the surfing rounds all day with waves that closed out too quickly or were sets of pure wash. A rip to the south of the competition area beside the pool area earlier in the afternoon carried one young boy who moved out of a heat's way on his boogie board close to the rocks and then further out to sea. Commentator for the event, "Tezza' or Terry not only alerted the Avalon SLSC patrol members on duty to this boy's plight, he then spoke over the microphone coaxing the boy until he had moved out of danger, returned to shore, and was with Avalon Beach SLSC lifesavers.

Later in the afternoon local surfer Matt Jones rescued two girls in the finals as they too were carried out to sea.

In the skate rink boys and girls put on a display of turns, flips, airs and glides along the rails to an appreciative crowd. Full Report **HERE**

One of the spectacular tricks seen in the U14's final yesterday. Photo by Michael Mannington.

Palm Beach Sailing Club Bullets Regatta - 16th and 17th of March, 2013

Palm Beach Sailing Club members, brother and sister Jason and Bridget Waterhouse - Jason is Skipper for the Objective Australia Youth America's Cup which is being launched at the RPAYC next Saturday night. Picture by A J Guesdon.

Palm Beach Sailing Club began their Bullets Regatta on Saturday. Four races were held in the waters out from Snapperman Beach and off Sandy Point. After a briefing from Peter Salter emphasising a Safety First for both the public who use Sand Point beach and the participants and exercising courtesy to the neighbours the race outline, course and laps were introduced.

The Bullets Regatta is the major fundraiser for the PBSC each year and attracts racers from many other clubs. 16's and 18's were racing yesterday. One of note we met, in particular his vessel, was the *Flying Fish* owned by Sydney Flying Squadron members Stuart Morton with Andrew Wilson crewing. The *Flying Fish* was the favourite catamaran of Mark Foy amongst all his vessels and Stuart said his had been named after Mr Foy's. Mark Foy was one of the three Foy brothers who began Mark Foy's, Sydney and also the gentleman who founded the Sydney Flying Squadron. Serendipitous indeed considering he is the gentleman you will find featured in this week's history page.

Palm Beach Sailing Club members and their guests were dining at Club Palm Beach (RSL) last night and racing will continue today, weather permitting. As Mr Salter, secretary for PBSC said on Saturday morning: "It's good to see this event back in action and on our calendar."

If you're not around Palmie today, and don't get to see them in action due to forecast gale winds, there are more pictures as part of this week's Pictorial and we'll be able to bring a full report in our next Issue.

Club Marine Pittwater Sail Expo at RPAYC - 16-17 March, 2013

The second annual Club Marine Pittwater Sail Expo is on over this weekend at the Royal Prince Alfred Yacht Club and includes being able to tour such beautiful vessels as Wild Oats X, as above, as well as many other equally stunning yachts, catamarans and find out more about everything under the sun you may need to keep your boat 'ship shape'. With great food on offer, nice music to listen while you're eating it and an opportunity to learn about the RPAYC's racing, cruising, sail training and children's sailing program it's a great way to enjoy a few hours today at one of our premier yacht clubs. More details as part of this week's Pictorial.

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Adrenalin 360 Surf and Skate Competition at Avalon – 16th of March 2013

The Adrenalin 360 comp at Avalon was an opportunity for local success story Bonsonn 360, who began as a street corner shop in Avalon, to promote some of their core philosophies; to encourage those who share their enthusiasm, to collect, safely equipment and any money for the Avalon Rotary Christmas Appeal. Bonsonn 360 is a family business run by Bonnie and Sonny Sonn and their two sons, Bonsonn 360 company and skills of fellow skaters.

Competitors were invited to enter the Surf Competition or The Skate Competition or both competitions. The competitors with the highest combined scores in both disciplines were awarded the Best Pro Rottnest 360 trip to Queensland.

There were trophies and prizes for top three in each division as well as encouragement awards, huge competitors draw and beach side giveaways. All residents received an Adrenalin 6 pack T Shirt and a block of Rescira Surf Wax.

Although girls were unable represented in the skate comp crew, there were over 50 boys. Mark 'Rasty' Bedford and his team ensured the skate ramp was ready to roll by 9am and the surf comp was underway by 10am, despite the challenging surf conditions.

The surfing component of the competition was run in very difficult conditions that will probably cause long discussions between organisers and competitors for years to come. Waves were big, messy and dangerous. Many competitors were unable to get out the back and it was one of few incidents they witnessed that afternoon. The other being a surfer who was not part of the competition being washed onto the rocks at the Point and being rescued on the flat-ground during the ocean glassy-conditions. Jet skis of parents and locals coming up to him and back him to his lane dated.

There was still some great surfing though. Those who did select a good wave among the sets executed some great manoeuvres and went for the barrels when they were on offer. Judges Mick Mitchell, Jeff Hall and Mick Hall were able to rate Sonn 6 in most beach and pavilion out through the wash to attempt another a few times during each heat.

We will be sure to full list of results sent this week and will add those into this page when received, so perhaps check back later in the week for the full results and photos.

The organisers were very thankful to Avalon Beach SLSC, whose members patrolled the beach on Saturday and also entertained big thanks to the Johnson Bros Metro 10 team who arranged a long list of fine activities for the day.

The skate competition was run in the Avalon Skate Park. Skaters were divided into safety and even more spectacular new rules an even more exciting Avalon comp have again. The contents need the kind of event for our younger teenagers. Now those as in, it was getting to do the kind of activities their will book their sports circle and spectating time training and meeting with people their own age.

Michael Remington's and Mike O'Flynn's photographs of the day are in the photography public gallery is here. Extra photos as part of this week's Pictorial

Under 14's Boys Trophy Winners & Runners

Young - commentator and 'Rasty' - Photo by Michael Remington

Matt Jones - Local Hero. Picture by Mike O'Flynn

All Pictures by Michael Remington, Mike O'Flynn and AJS, 2013.

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Saturday 16th of March, 2013 in Pittwater was one of those all-action days where if you weren't watching the Palm Beach Sailing Club's Bulletts Regatta or visiting the Royal Prince Alfred Yacht Club's second Club Marine Sail Expo then you may have caught some of the Australian Championship action of the Adrenalin 360 Surf and Skate Contest hosted by Avalon Beach SLSC. Some of what we saw yesterday and in recent months follows:

Palm Beach Sailing Club's 2013 Bulletts Regatta

Commodore Richard Anderson and Rear Commodore Cameron Dunbar-Hall congratulate Commodore's Cup winner Jeff Ellis

Sailing Palm Beach Sailing Club's Bulletts Regatta on Saturday 16th of March were (right) Commodore's Cup winner Jeff Ellis and Anthony Duchatelet in a champion sailor, recently coming 1st at the 2012 Hobie National Titles in 18 Grand Master: Mooloolaba.

Flying Fish 2417 Overclad sailed by Stuart McCann at 49 with Matt Cable helping. Winner of Sunday Flying Squadron and named in honour of Stuart's late father, Ian McCann, who was a member of the Flying Fish Fleet for 40 years. Ian retired Overclad to Pittwater where it was a race again. Overclad was the 2013 Centenarian of Pittwater sailing.

Rose Bush Hines gentlemen Ryan and Brendan. Bush Brand are a principle sponsor of this year's PSYC Bulletts Regatta and generously provided the boat and crew for a master support at the regatta. More about Bush Brand this in the Pittwater Life section this June.

Royal Prince Alfred Yacht Club's 2013 Club Marine Sail Expo

Here at the Royal Prince Alfred Yacht Club's Club Marine Sail Expo were (left) Chief Executive of Raymarine Simon Jones and Icom's Tim Nesbitt, and further illustrate to show some time to meet to get out on the water to cover sailing and boating events. Raymarine and Icom are both sponsors of the Club Marine Sail Expo and were on hand with some great deals for everything boat-ness from Marine Electronics department. Their website at www.raymarine.com.au

Head Boy Harrison Pearce modelled both a Lalizas Raft Pullover, and Slick and Kaper Knickers keeping Harrison's head, shoulder and bum dry in the Pittwater breeze.

Some of the yachts on display which were many more aboard at the Club's Club Marine Sail Expo.

Pittwater Online Publisher Michael Boddington and Pittwater Online Photographer Mike O'Flynn

Adrenalin 360 Surf and Skate Competition at Avalon

Avalon Beach SLSC Directors Robert Hopkins, Ron Cockburn (life member for 46 years), Christine Hopkins (principal at Lindfield's Adrenalin 360 Surf and Skate Competition)

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Photos this page by Michael Boddington, Mike O'Flynn and A J Coombes, 2013.

Pittwater Online News

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Articles This Week:

Adrenalin 360 Surf and Skate Competition at Avalon

Palm Beach Sailing Club's 2013 Bullets Regatta

RPAYC Club Marine Sail Expo

Give - Get Given Asparagus Fern Out Day at Barrenjoey

INGLESIDE LAND RELEASE ON AGAIN BUT MANY CHALLENGES AHEAD by David Palmer

ASGMWP Tribal Warrior Evening by Michael Mannington

Pictures: **Action!: Bullets Regatta at Palm Beach, Grom Comp at Avalon, RPAYC 2013 Club Marine Sail Expo**

Artist of the Month for March 2013: **Stephanie Brown-** Extraordinary Portrait Artist, teacher, champion of Volunteers with a genuine respect for the artistry of children too allows us to share a few of her wonderful creations with you

All Previous Articles

Profile: March 2013 Ladies with a golden glow about them: Gemma Rasdall, talented artist with a ken for all things nautical, competitive sailor, Uni student

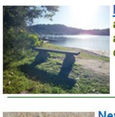
Previous Profiles:

Barton Lynch Shane Withington Commodore Sloper Herminie Swainston Teresa Cutter Joanne Brigden-Jones Tamara Sloper Harding Katie Spithill Chris Salisbury Doug Crane Henry MacPhillamy Aim for the Stars Foundation Broken Bay Marine Rescue Pittwater Environmental Foundation Rotary Club of Pittwater Sophie Haythornthwaite Joan Fisher Mark Ferguson Veteran Carolyn McKay Christine Hopton Ian White Jack Elsegood Robert Grace Colin Casey Bob Waterer The Surfers Group The Palm Beach Yacht Club Pittwater Natural Heritage Association Pittwater Friends of Soibada Pam Bayfield Denise Casey Lynda Hill Belinda Grundy Paul Christie Neil Evers Andrew Holder Ian Curlewis Lange Theory Phil Colman-Peter Mitchell and Exploring tidal waters on Australia's temperate coast Geoff Clarke Palm Beach Sailing Club The Populaters Pittwater Camera Club Dragonfly Environmental Pittwater Community Hub Pittwater Community Arts Hayley Turner Samantha Shaw Danielle DuBois Mumpreneurs Neil Johnston Simon Hyland Paul Wheeler Ian McGiffen Brian Friend Pittwater Council Zonta Club of Northern Beaches Sydney Northern Beaches Symphonic Wind Ensemble Bei Loon Dragon Boat Club Margaret Molloy OAM Patricia Giles OAM Doreen Cherry Cindy Goode Milman Stephen Marr Bob Hamilton Simon Abbott Peter Rumble Graham Spong Sailability Pittwater Mona Vale Hospital Auxiliary Avalon Active Seniors Group Northern Beaches Orchestra Sonja Elwood June Lahm Valerie Vickers Karen Draddy Betty King David Hanley Les Ball Paul Webb Malo Legardinier E G Constructions Integrity Candles Monatones The Narrabeen Lakes Ladies Probus Club Inc. Nina Curtis Robyn McWilliam Gretel Pinniger Ted Blackall Edwin Barnard Doug Elliott Anthony Patrick Chandler Walter 'Wal' Wardle Avalon Beach RSL Fishing Club Avalon Voices Surfing Mums Inc. Northern Beaches Social Riders Stephanie Brown Judith Bennett

History: March 2013 - Pittwater Gentlemen: Mark Foy of The Cabin, Bay View- initiator of handicap rules in sailing, motor boat cruising, saver of spotted gums and horse racing on the side when you're opening a new shop anywhere! The development of silk mercers and drapers in colonial Australia, catamarans and ensuring everyone gets to sail

Previous History Pages:

Marie Byles Lucy Gullett Kookoomgiligai Frank Hurley Archpriest JJ Therry Sir Patrick Gordon Taylor Bowen Bungaree W. Bradley 1788 Journal Midholme Loggan Rock Cabin La Corniche La Corniche II Lion Island Bungan Beach Botham Beach Scarred Trees Castles in the Sand Dame Nellie Melba lunches at Bilgola Spring, 1914 First to Fly in Australia at North Narrabeen Mona Vale Golf Club's Annual Balls Governor Phillip camps on Resolute Beach Ruth Bedford Jean Curlewis Mollie Horseman Charlotte Boutin May Moore Neville W Cayley Leon Houreux Frederick Wymark Sir Adrian Curlewis Bilgola Heron Cove Mullet Creek Shark Point Woodley's Cottage A Tent at The Basin Collin's Retreat-Bay View House-Scott's Hotel Bilgola Cottage and House The First Pittwater Regatta Women Cricketers Picnic Filmed In Pittwater Governor Phillip's Barrenjoey Cairn Waradieel Season The Church at Church Point Governor Phillip's Exploration of Broken Bay, 2 – 9 March 1788 Petroglyths: Aboriginal Rock Art on the Northern Beaches Avalon Headland Landmarks Steamers Part I Pittwater Aquatic Club Part I Woody Point Yacht Club Royal Motor Yacht Club Part I Dorothea Mackellar Elaine Haxton Neva Carr Glynn Margaret Mulvey Jean Mary Daly Walter Oswald Watt Wilfrid Kingsford Smith John William Cherry George Scotty Allan McCarrs Creek Narrabeen Creek Careel Creek Currawong Beach Creek Bushrangers at Pittwater Smuggling at Broken Bay An Illicit Still at McCarr's Creek The Murder of David Foley Mona Vale Outrages Avalon Camping Ground Bayview Koala Sanctuary Ingleside Powder Works Palm Beach Golf Course Avalon Sailing Club Mona Vale Surf Life Saving Club Palm Beach SLSC Part I - The Sheds Warriewood SLSC Whale Beach SLSC Flagstaff Hill Mount Loftus Pill Hill Sheep Station Hill SS Florrie SS Phoenix and General Gordon Paddlewheeler MV Reliance The Elvina Florida House Careel House Ocean House and Billabong Melrose -The Green Frog The Small Yacht Cruising Club of Pittwater Canoe and I Go With The Mosquito Fleet - 1896 Pittwater Regattas Part I - Dates and Flagships to 1950 Shark Incidents In Pittwater The Kalori Church Point Wharf Bayview Wharf Newport Wharf Palm Beach Jetty - Gow's Wharf Max Watt Sir Francis Anderson



Park Bench Philosopher: Lance Fallaw, another oft forgotten Australian poet, and a few of his words regarding our home during the 1930's Sydneyside Songs.

News From our Inbox Ray Of Hope - TB in Australia in 1954, Dog Story of the Week - Service and its Sacrifices, Russian Meteor One Month On, Spacebook Twittering - An Alternative, 2012 Darwins are out !!, Closest Star System Found in a Century, And God promised men..., Rewriting History of Universe's Stellar Baby Boom: Ancient, Highly Active Galaxies Discovered, Mummy CT Scans Show Preindustrial Hunter Gatherers Had Clogged Arteries, Health Papers Published this week: Length of DNA Strands Can Predict Life Expectancy; Aspirin May Lower Melanoma Risk; Weight Gain After Quitting Smoking Does Not Negate Health Benefits; Bitter Melon Juice Prevents Pancreatic Cancer in Mouse Models; New Hope for Reversing the Effects of Spinal Cord Injury; Drug Treatment Corrects Autism Symptoms in Mouse Model; Paving the Way for Greater Use of Ancient Medical Knowledge

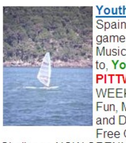
Events: Rc at the Arms, Historic Walk, Grace Knight at Palm Beach Golf club, Tribal Warrior Mentor Program, Possum High Tea, Comedy Capers, Bird Forum, Hallelujah Girls, MW Choir, Avalon Quilt Show 2013, Donavon Frankenreiter @ The Arms, ANMM Exhibitions, RMYC Events, Rock and Roll at RMYC, ABFE Workshop, Old Fella @ Pittwater RSL, LIFELINE Fundraiser, YHA, Pittwater Camera Club, FoNLC Activities, Historic Houses Trust Event - House music 2013.

Community News: Upcoming Events by the Mona Vale Hospital Auxiliary, Sydney Northern Beaches Symphonic Wind Ensemble March Concert, Newport Surf Racing Academy, WINGALA LAPIDARY CLUB, Extra Nurses Welcomed To Mona Vale Hospital, Franklin Round Australia Cannonball Run - Careflight!, Objective Australia Youth America's Cup Campaign Launch at RPAYC, Email scam warning, ANMM Rescue Exhibition, Creative Australia cultural policy, **Look Good Feel Better**, Sail Expo 2013, Newport Breakers Rugby Club 50th - photos please, RMYC Marine Art 2013, Golf Ball Charity Drop, SNBSWE Concerts, Monotones seeks players, ABFE Level 1, Our Councils Notices, Fed. Govt. Media Releases this week and more

Environment: Pittwater Environment Articles this week: INGLESIDE LAND RELEASE ON AGAIN BUT MANY CHALLENGES AHEAD by David Palmer and **110 Young Adults attend Give - Get Given Asparagus Fern out Day at Barrenjoey +**; NSW's Govt. Who Cares About the Environment? survey and seminars, **Violet Snail,** EXPLORE PITTWATER'S ENVIRONMENT IN MARCH, Hope for Threatened Tasmanian Devils, Amplified Greenhouse Effect Shaping North Into South, Are Tropical Forests Resilient to Global Warming?, Earth Hour 2013, Marine Diversity Study Proves Value of Citizen Science, FishMap, New App for Gardeners, **Possum High Tea**, Environmentalist of the Year awards open, Live Penguin Cam, local Environment groups, and organisations.

Lynda Hill: Update 11.3.13: Shifting Paradigms: Proclamations, Appropriations and Protestations - March's Pisces New Moon

Pictures: a few little and big things spotted this week



Youth: St Patrick's Day Song, Dinosaurs in Spain, Funny Ocean and great website with kids games and learning activities, Clever Bear, Music your Grandparents listened to, **YouthRock 2013**, **100 YOUNG PEOPLE IN PITTWATER**, SHOREFEST 2013 - YOUTH WEEK CONCERT, Kids on the Coast Autumn Fun, Mona Vale Library - Young Runarounds! and Duke of Edinburgh Awards, GameHouse - Free Online Games 2013 Premier's Sport Challenge NOW OPEN!, National History Competition and National Science Week 2013, The Project Gutenberg Library of Australiana - free downloads for inspirations, Library Story-times for Littlies and more for you.

Seniors: NDIS 65-year age limit a cruel lottery for older Australians, Longer hospital stays, higher care costs for people with dementia, FlexToBa Exercise at Home for Older Adults, HAGOP GARAGEM THE BEST CARS C/- W.A.G., The Band Wagon to dance into Heather Nelson Centre, Car Pool from the Red Green Show, 3 German Shephards in a British Pub, Seniors Week 2013, Health Papers Published this week: Robots to Get Stroke Patients Back On Their Feet; Sleep Loss Precedes Alzheimer's Symptoms; New Add-On Drug May Improve Memory in People With Moderate Alzheimer's Disease, 'LIVE LIFE' IN SENIORS WEEK, 2014 National Seniors Literary Prize, local Support and Education Activities.

Community Clubs: Updates on Activities and links to sites.

Artist of the Month: March 2013 - Stephanie Brown- Extraordinary Portrait Artist, teacher, champion of Volunteers with a genuine respect for the artistry of children too allows us to share a few of her wonderful creations with you

Reflections by George Repin. **This week; FROM POUNDS AND PENCE TO DOLLARS AND CENTS**

DIY Hints: How to winter proof your lawn! By Paul Johnson

Collector's Corner: HMS Endeavour replica cannon at RPAYC

Food: the Leek - March Vegetable in Australia, some facts, history and two recipes; Potato and Leek Soup and Goats Cheese and Leek Tart

Books: **HarperCollins is proud to announce the launch of a series of A&R Classics** (Sample): **Come in Spinner (Pittwater connection here)**, My Brilliant Career & My Career Goes Bung, My Brother Jack, **Manuscript Found in Accra By Paulo Coelho** (April 2013), For our Younger Readers; Gangsta Granny & Where's Hello Kitty? CSIRO March 2013: Desert Lake - Art, Science and Stories from Paruku + Australian Rainforest Fruits - A Field Guide and in April 2013 - Ecology of Australian Freshwater Fishes

Old Books:

A list of the insectivorous birds of New South Wales (1897) by Alfred J. (Alfred John) North, 1855-1917 Volume: pt.1 (1896) + Geography of New South Wales (1914) by J. M. (John Michael)Taylor, Subject: New South Wales. Publisher: Sydney : Angus & Robertson READ THESE WORKS ON THE SITE- ONLINE

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Pittwater Online News

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Give-Get Given Bushcare at Barrenjoey – March 10th, 2013

Last Sunday Barrenjoey dunes and the green areas close to Pittwater and the beach had one of their most successful Bush Care days in removing that weed so much of our area is plagued by, Aspargus Fern as part of the Give/Get-Given program currently underway nation wide which in Sydney is sponsored by Optus.

From their website:

Optus RockCorps is a partnership between Optus and RockCorps to engage, empower and celebrate youth giving back. Give 4 hours volunteering and Get Given 1 ticket to the Optus RockCorps Concert. It is the only way to get into the hottest show of the year. Optus believes in the power of giving back and the change people can make in their communities, and RockCorps' mission is to move a generation to change the world - and this is your chance to do just that. All you need to do is register and find a project that works for you. It will be the best thing you do today!

On the March 10th project:

Ever fantasised about being Indiana Jones? Chopping your way through overgrown vines and climbing through the wilderness, never knowing what hidden treasures you could uncover? Well this is your chance! OK, so you may not find the Temple of Doom but the dunes at Palm Beach sport some rather impressive weed overgrowth which is preventing the native bush from growing happily and healthily. Our expedition goal is to wrestle away these weeds threatening to take over the north end of the beach - grab your hat and come help protect the native plant community!

Optus RockCorps produces some of the hottest gigs in the music calendar. You can't buy a ticket. You can't win a ticket. You have to earn a ticket.

The concert those who toiled on Sunday will attend is at the Hordern Pavilion on April 11th and will feature The Script, Tinie Tempah and Guy Sebastian.

During the week we contacted the ladies who co-ordinate and work at so many of local Bush Care activities, Marita Macrae of Pittwater Natural Heritage Association and Sonja Elwood of Pittwater Council to find out how it all went and where this great initiative has sprung from;

Great event, kids awesome, 110 approx. turned up. In my group of 30 they came from all over - Blue Mountains, Baulkham Hills, Ryde, Fairfield, Bankstown, Central Coast, and Manly. **Sonja Elwood.**

The RockCorps team of 110 volunteers removed about 100 bags of Asparagus Fern from Barrenjoey Dunes on March 10. This wonderful result contributes to the Pittwater Estuary Care project, which targets Asparagus Fern and cares for salt marsh areas around Careel Bay. The project is funded by a grant to Pittwater Natural Heritage Association from Hawkesbury Nepean Catchment Management Authority. RockCorps is funded by Optus.

Several PNHA members worked alongside the RockCorps and we rejoiced to see such a happy enthusiastic group of mainly younger people getting stuck into this awful weed.

A big thank you to Optus for making this possible. **Marita Macrae PNHA**

Bushcare Days in Pittwater are always listed on our Community News page, and overseen by Helen Dewis if you need any information about how to join in or simply turn up at the listed places and times. There is also an oppurtunity to stay at the YHA for less then price of a pizza if you put your hands to a few hours worth of Bushcare Custodianship listed on our Events page coming up.

Future opportunities to Give/Get-Given prior to the April concert are listed here: www.optusrockcorps.com.au/get-involved/projects

You will definitely feel better for getting involved; it's great exercise, you're investing in your community and all the wildlife that lives in these places and in a way, investing in yourself too by letting yourself....**give back.**

All Photos courtesy of Marita Macrae and Sonja Elwood, 2013.

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INGLESIDE LAND RELEASE ON AGAIN BUT MANY CHALLENGES AHEAD

by David Palmer

The Ingleside land release has been pending for a long time. Since 1991 various plans have been discussed by Pittwater Council and the State Government, which holds a substantial amount of land in the area.

Now it is back on the agenda. In February this year Pittwater Council resolved to participate with the NSW Department of Planning and Infrastructure in planning for residential development of Ingleside, however, as acknowledged in Council reports, this process is not without a number of challenges.

One of the most significant of these is how to deal with the extra traffic on Mona Vale and Powderworks Roads, as both are already at or close to the limit of their traffic carrying capacity.

The Department of Roads & Maritime Services is currently investigating an upgrade of Mona Vale Road to four lanes for the section from Ingleside to Terrey Hills, currently estimated to cost about $130 million, but Pittwater Council has said that it won't support the land release unless the road from Mona Vale to Terrey Hills was fully upgraded to four lanes along its whole length. Many of the journeys from Ingleside are to Mona Vale and a road solution that doesn't fix the problem of being caught behind a slow moving truck going up the hill out of Mona Vale won't have much appeal for most Pittwater commuters.

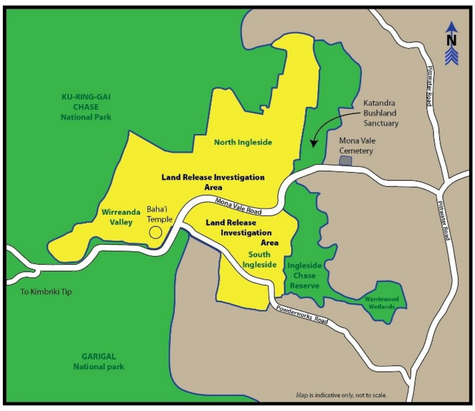
As for Powderworks Road, a recent transport study commissioned by Pittwater Council showed that a development in South Ingleside of less than one thousand dwellings could be accommodated with some modifications to the road, but an increase of about 2500 dwellings would mean upgrading it to four lanes, or closing it to through traffic. This is a dilemma for the planners as upgrading the road to four lanes would be extremely costly, and it would be reasonable to say that closing the road to through traffic would be inefficient and unpopular with commuters from Elanora and surrounding suburbs.

So, even though the Ingleside area seems a little out of the way, development has implications for most Pittwater motorists.

Another major challenge concerning both Pittwater Council and the State Government is economic viability. The costs of land acquisition, internal roads, water supply and sewerage in parts of Ingleside are quite high, and obviously there is a limit to the selling price of residential lots in the completed development, so there is a risk that development of at least part of the area may not be commercially viable. Council staff, in a 2009 report, expressed their concern that Council may have to pay for millions of dollars worth of infrastructure up front and not get their money back for decades, leaving them with crippling debt.

Other concerns that will affect the size and nature of the development are: the effect on water quality in Pittwater and Narrabeen Lagoon; the lack of a reticulated water supply and sewerage system in the area; impacts on native fauna and flora; and the threat of bushfire, which Ingleside has already experienced, the last event being in 1994.

Here is a glimpse, based mainly on reports to Pittwater Council, of what Ingleside may look like in the future if the plans are realised.



Part of Ingleside might be limited to rural residential lots big enough to allow on-site wastewater management, of maybe one acre minimum size. This would eliminate the cost of providing a sewerage system connected to the Warriewood treatment works. Subject to soil tests to ensure that there will be no polluted wastewater runoff, this form of development is likely to be specified for North Ingleside.

South Ingleside, with its proximity to Elanora, is easier to service and so looks set for more dense urban development - if the Powderworks Road problem can be satisfactorily solved.

The Wirreanda Valley, however, may remain mostly 2 hectare lots, as this is the most expensive area to service.

It is early days yet, with much investigation still to do and many challenges still to overcome. But Pittwater Council and a number of State Government agencies are working hard to ensure that they get it right. They have committed to a community engagement process, so we will hear more about this development as it progresses.

David Palmer: Biographical information

Has lived in Ingleside for 40 years

Is involved with a number of local community and environmental organisations

Has been following the proposed land release since 1991

References

INGLESIDE INVESTIGATION AREA. PRELIMINARY SCOPING REPORT. Pittwater Council. September 2009 (PDF)

Draft Ingleside Chase Reserve Bushfire Management Plan. Prepared by Eco Logical Australia for Pittwater Council. 30 April, 2012. (PDF)

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Shane Phillips Tribal Warrior Evening hosted by Aboriginal Support Group - Manly Warringah Pittwater

The Aboriginal Support Group of Manly-Warringah-Pittwater hosted a very special evening on Monday the 10th of March when speaker, Shane Phillips, CEO of the Tribal Warrior program and 2013 Australian Local Hero Award winner, visited Pittwater to deliver an inspiring address to a large crowd in Mona Vale Memorial Hall. A few quick words with Mr Phillip's before his presentation gave an insight into his work as well as an opportunity to hear about the Clean Slate Without Prejudice Program which was under jeopardy until great news was announced on Friday evening by the ABC that necessary funds have come forward from a generous soul. More funds are needed to keep this program going either through sponsorship or donations but it will keep going, like the stalwarts who developed and maintain it.

Shane Phillips: What we hope to share with the community out here this evening is some information about the work we're doing in Redfern and the inner city area. This is about kids owning and being responsible for their own lives and solutions coming from within the community, that's the key factor. Because we've acknowledged we're responsible for our own actions we can also then own the future. We'll build the future by our selves. By building partnerships within the community, and with *everyone* in the community, we can change lives, one at a time.

How long have you been doing this?

Our Clean Slate program has only been going for three years but the Tribal Warriors have been going for 14 years.

Is this your first time to the Northern Beaches?

No, I've been here a few times. We actually had a Tribal Warrior doing some training up here in Pittwater many times. So we're in this area regularly. It's really nice to be welcomed out here.

From the Tribal Warriors website:

The Tribal Warrior Association is an Indigenous charitable organisation which is involved in a number of successful activities designed to assist and support disadvantaged Aboriginal Youth. We hope to present a creative and ongoing vision for Aboriginal youth by generating self-empowerment, economic stability and cultural affirmation.

Another of the Tribal Warriors clear sighted visions is to get our Aboriginal young adults out in the good salt air as part of their Maritime Training Program. From their website:

Maritime Training - Training disadvantaged Aboriginal youth in maritime qualifications. The Tribal Warrior Association Incorporated is the only Indigenous Maritime Training Company operating within Australia. Our specialised training programs are all via correspondence courses facilitated by a qualified Maritime trainer (OTEN & Western Australia Maritime College).

The Tribal Warrior has successfully trained many skippers who have gained employment and are working boats around Sydney Harbour. One of our former students is now teaching naval personnel small boat sailing skills around the Harbour based at Garden Island. We have trained youth at risk from Inverell TAFE and have other students undergoing courses with us.

We contacted Neil Evers of the Aboriginal Support Group of Manly-Warringah-Pittwater during the week for a comment on Monday evening's presentation;

Shane is so down to earth, so positive it is understandable why the early intervention project 'Clean Slate Without Prejudice' has been so successful. Shane said it is due to the work of this program in engaging with people that the crime rate in the Redfern area has gone down and the health of the ones involved in the program is better. He spoke about his time on the old Tribal Warrior boat and of a trip up to Coffs Harbour that changed his life. Someone had taken the time to mentor and guide him. What a lesson we can all learn from this.

It's people like him we need to close the gap. As Shane said on Monday, the only way is forward and to stay positive. The Tribal Warrior is a working business but the money from that enterprise has been supporting this program at the expense of other projects.

To read more about what Tribal Warrior are doing or to help with a donation to a very deserving cause of empowering our Indigenous youths visit - **http://tribalwarrior.org/get-involved.html**

Neil Evers, ASGMWP.

Report and photo by Michael Mannington, 2013.

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March 17 - 23, 2013: Issue 102

SYDNEYSIDE SONGS.
No. 6.-REVISITINGS.

New ferries swing at Circular Quay,
New motors pack the swarming ways.
We see, but see them not, for we
Gained long ago the Inmost maze.
And hearts that here learned other days
Need little that the new can teach.
Careless what keels be now afloat,
We take, It seems, a phantom boat
For Manly beach.

For us the chattering crowds are not;
Back in our Village by the Sea,
We find some old familiar spot
Where peace, or dreams of peace, may be.
And northward lie, a kingdom free,
Lagoon and headland, mile on mile;
Still Curl Curl laps the lazy spray.
Still swims in blue at Broken Bay
The Lion Isle.

A score of years are shed like leaves;
Again with wondering eyes we grope.
Mist draws us on to golden eves.
Morn wakes us with whole earth for scope.
Here, with a world to win, came Hope,
And drank desire, and doubt, and dread.
Here, here was Fancy's Spanish Main
And middle age finds youth again
By Middle Head.
LANCE FALLAW.

SYDNEYSIDE SONGS. (**1930, May 17**). *The Sydney Morning Herald* (NSW : 1842 - 1954), p. 11. Retrieved March 15, 2013, from http://nla.gov.au/nla.news-article16678655

SYDNEYSIDE SONGS.
NO. 5.-WATERWAYS.

I met a little raindrop
up on the Great Divide
I said, "Good day.
And what's the way
By which you hope to glide?
I guess you'll get a yard or two."
But said the little drop:
'I mean to go to Sydney,
The whole road to Sydney,
And nowhere short of Sydnev
Will I ever, ever stop."

So I laughed, but he left me:
He splashed from his leaf.
And lie met a merry brother.
And they travelled with each other
A grassy road and brief
Down a slope with many more,
Till they found a running brook:
And bank-high for Sydney,
By creek's bed for Sydney,
A brimming band for Sydney
Their pilgrimage they took

Oh, the pert little raindrop.
He swam by himself.
He led the rank.
Thro' Hawkesbury banks.
A racing river elf
Past Windsor and past Wiseman's
Till he came to Broken Bay:
And southward bound for Svdney
Past Lion's Isle to Sydney
(It's rougher now lo Sydney,
And saltier grows the spray.)

And so at last the raindrop.
With many millions more.
Mixed In the sea
Goes rolling free
To break on Sydney shore.
And a proud ship above them.
The North Head past.
Rides the king tide to Sydney,
The hundredth league to Sydney:
So they that fared for Sydney
Are together there at last.
LANCE FALLAW.

SYDNEYSIDE SONGS. (**1930, May 3**). *The Sydney Morning Herald* (NSW : 1842 - 1954), p. 11. Retrieved from http://nla.gov.au/nla.news-article16688209

INIATE

I saw Australia's self, a spirit serene.
Was it where crowding peaks
Build the last, ridge that seeks
To make a couch on which broad heaven may lean?

Or where all sky presses the endless plain,
Save for one outlaw hill
Day-long pursued, until
Just as eve dies we catch It by the mane?

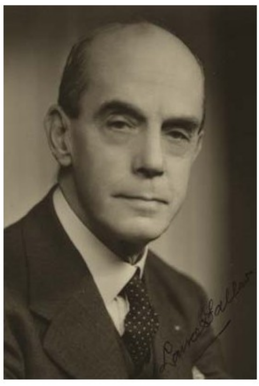
Then, as her gaze cut clean into my heart
With sword of stars, I cried:
"Hero must my steps abide,
Lest ever from my soul the spell depart."

But answered me the wind that was her
breath:
"Rather go hence, and bear
My accolade everywhere,
Since, having seen, thou knowest me to the
death.

"Whether thou seek the silent northern sea,
Or tread the city's ways,
Or thread the bushland's maze,
I and my chosen shall encompass thee.
"No rivers, no wide wastes, no rampant range
Shall sunder those, my sons,
For whom the record runs
Writ In the secret seals that mock at change.

"For all who pledge their troth to bear my
gage
Have sign before them set,
Nor ever shall one forget
How great my house, how large Its heritage."
LANCE FALLAW.

INITIATE. (**1932, September 10**). *The Sydney Morning Herald* (NSW : 1842 - 1954), p. 9. Retrieved from http://nla.gov.au/nla.news-article16911047



Lance Fallaw (1876-1959), born Gateshead, England, joined the staff of the Rockhampton Daily Record in 1908 after a period as a newspaperman in South Africa. He was later editor of the Charters Towers Telegraph, Cairns Post, Geelong Advertiser and associate editor of the Sydney Morning Herald (1929-1936). He published a collection of verse, Silverleaf and Oak (1906), before he arrived in Queensland; later volumes of poetry were The Ampler Sky (1909), Unending Ways (1926) and Hostage and Survival (1939).

JOURNALISTS; LUNCHEON.

Mr. Lance Fallaw (president of the N.S.W. Institute of Journalists) and Mrs. Fallaw,who are about to leave Sydney on a tripabroad, will to-day be entertained at luncheon by the institute at Farmer's. JOURNALISTS' LUNCHEON. (1937, February 26). The Sydney Morning Herald (NSW : 1842 - 1954), p. 7. Retrieved from http://nla.gov.au/nla.news-article17299405

Park Bench Philosophers

We welcome contributions from all Pittwater residents in the form of anecdotes, memories, stories, poems or even matters you'd like to see addressed or changed in our area.

If you have something you'd like to share, something you'd like to start a discussion about, or even just a poem or story from yesterday or today we want to hear from you.

Contact us at: pittwateronlinenews@live.com.au

Please note that Pittwater Online News does not endorse any of the content of works contributed. Articles which contain swearing or may offend others will not be accepted. Please note that all works are posted unedited; you are the author, this is your page. Word Limit: 2000.

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Pittwater Online News

Pittwater's Community Newspaper

Monday 14 - 20, 2015 Issue 342

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Activities This Week

Monday: [ART] Drawing Workshop, Lunch Bunch, Bush Regen, Sing Along, Lyric, Art Studio Painting

Tuesday: [ART] Drawing Workshop, Lunch Bunch, Bush Regen, Line Dance Beginners, Line Dance Intermediate, Ballet, Art Studio Painting

Wednesday: [ART] Drawing Workshop, Lunch Bunch, Bush Regen, Art Studio Painting

Thursday: [ART] Drawing Workshop, Lunch Bunch, Bush Regen, Art Studio Painting

Friday: [ART] Drawing Workshop, Lunch Bunch, Bush Regen, Art Studio Painting

Saturday: Bush Regen, Art Studio Painting

Sunday: Art Studio Painting

Activities Coordinator: Rachael Bowers

Activities Assistant: Rachael Bowers

Activities Assistant: Rachael Bowers

Activities Assistant

Pittwater Online News

Front Page | Contents | Park Bench Philosophers | **Profile of the Week** | History | Youth | Seniors | Environment | Food | Lynda Hill | Pictures
Community News | News From our Inbox | Books | Events | Artist of the Month | Reflections | Collector's Corner | DIY Hints | Past Features

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Gemma Rasdall

Meeting Gemma Rasdall is coming into contact with a human lightening bolt. A young and evolving artist, this young lady already has a clear vision for her works that points back to a lifetime of sailing and refining how this and living on the estuary has played so large a part in her life as represented through her works. Gemma's energy, enthusiasm and 'seize the day' attitude is a blast of pure fresh air. This 20 year old dynamo, a part of a family that has and continues to contribute so much to Pittwater quietly, letting their work and its results speak for itself, and to whom she attributes so much of her own creative deftness, is also a really lovely girl. Bright eyed, smiling, already selling numerous works to those who appreciate her art, this week we share a small insight into one of our upcoming artists.

How old were you when you did your first art work and what did you do?

About 2 or 3 from memory, mum had us drawing from the get go. Growing up in my family had a huge focus on art; I suppose that comes with the territory of having an artist for a mother. I think the first picture I ever drew was of my dad, every year my sisters and I used to hand draw his birthday cards.

Who were your main influences on your earlier art works?

The shaping my artistic practice began when I was in High School for my Visual Art Major Work. I responded to artists who experimented with colour and unusual painterly styles such as Kerrie Lester, John Firth-Smith and Peter Kingston.

What was the subject matter of this major work?

My subject matter was a no-brainer; I remember mum telling me to choose to focus on something I was most passionate about and if I made the right decision, this passion would be reflected in my work. So for me, as a Pittwater based sailor, boats were an obvious choice. That body of work (entitled "Drift") led into my first collaborative exhibition and after receiving a positive feedback I decided that I had found my niche, and have stuck with boats ever since.

You have always been around the water, you've grown up on boats. Is that the main focus for your work?

Yes, I've grown up on and around boats my whole life and in turn developed a love for sailing. I started off learning to sail at **Avalon Sailing Club** when I was 7 years old, sailing for leisure and then later on at a competitive level in a range of different classes of boats. At 17 I moved clubs to RPA (Royal Prince Alfred Yacht Club) to become part of the **Youth Development Match Racing Squad**. That was so much fun and I loved it because it was so team focused compared to the dinghy racing where you only have one or two people in your boat. In Match Racing every member of the team has specific roles and working together with a strong focus on communication is essential, I love how its not only physically demanding, but mentally as well. Unfortunately I am no longer sailing on a regular basis at the moment as I have so much going on but sailing is always going to be a part of my life so I know I'll back to it eventually.

You work in other mediums?
I combine charcoal with painting and ink. My works are multilayered with a combination of different mediums.

You also choose to paint on old sails, why is that?
I love the texture of them. Obviously it's very different from canvas or paper. It absorbs the paint very differently so you get an unusual result. It also links to the boating culture and is an excellent way to recycle sails that would otherwise end up in landfill.
This is beautiful...and down at Paradise beach?

Yes, I run there most mornings, the beautiful scenery makes getting up early totally worth it.
You have a very disciplined life.
Yes, very. I'm a pretty driven person, which is not always a good thing, as I've been known to take it too far and exhaust myself in the past. But I find it hard to take a step back when I have so many things I want to accomplish.
Do you take an afternoon or a few hours off sometimes and curl up in front of a movie?
Rarely. I actually need to do more of that. I think I'm too disciplined. Mum is always reminding me I have to chill out and relax, something I find quite hard to do.

The 'Sailors Sense', your current body of work; what is that about?
I have a strong connection with the weather. It always has a strong influence on my emotions, which would be because I spend a lot of time around the water. With sailing especially the weather plays a huge role in how you prepare for each race and how your results end up. That has stuck with me now, I have developed a feeling for the wind. I can sense when a storm is rolling in, I watch for them in the clouds and can smell them in the breeze. There are twenty works in this series and these were shown in the recent **ArtSpot** exhibition where I was lucky enough to sell half.
Was this your first big exhibition?
No, I also did the one the year before in Avalon called **Artzpace** and did reasonably well so they asked me back for the next one.
Do you think that has helped or empowered your painting as all art seems to have a component which is part instinct or listening to your instincts?
Yes, exactly. I find that certain weather patterns ignite my artistic drive, especially storms.
I think you have a lightening bolt personality and just channel it in, it's energy meeting energy.
Yes I do, but I'm yet to fully understand exactly what that means to me.
Your currently at University at the College of Fine Arts (COFA); where is that?
That's in Paddington. It's part of the University of NSW, COFA is their school of art, design and media. It's a four-year course.
What do you hope to do once you have your degree?
I'm not quite sure yet. My degree is very broad. I'm majoring in Graphics and Textiles, which is quite different from my painting. I like having the painting on the side so it doesn't become like a job or a chore. That way I can make sure I continue to enjoy the creative process of my art making, something I don't think would be possible if I was revolving my career around it.
Textiles, is that fabrics?
Yes. I do a lot of print making onto fabric that I thoroughly enjoy. I also love to draw and so a lot within the Graphics major of my degree and then print these designs onto fabric in my Textiles classes. The two design practices compliment each other beautifully, allowing me to design and create my own fabrics. I think this may be the industry I'll go into when I finish studying, I love printmaking.
You mentioned you want to go to Germany as an exchange student to learn more about Graphic Design and study there. Where in Germany is this?
It's in Hamburg and I just got accepted a couple of weeks ago. I'm going at the end of June which I'm very excited about. The university I'll be going to is the Hamburg University of Applied Sciences. It has a really good reputation for its Graphics teaching and this was the main appeal. I'm majoring in Graphic Design there and I picked up a couple of different electives such as Book Illustration and Print Making. I'll be living on campus in the College and am lucky that a couple of my friends from Uni got into the same place so I'll have some support close by.
How long will you be there?
I'll be studying for six months and I'm going to travel for a few months as well so I'll be gone for 8 months in total.
Of all the paintings you've done so far what are your two favourites?
One of my favourites is called *'Tranquil Taylors'* and is an artwork of Taylor's Point Wharf, which is not only where I live, but also, in my belief, one of the most beautiful places in the world. It's positioning means it is entirely sheltered from the south, so it's an idyllic place to watch the storm roll in above you. I love to sit out there with my camera and document the way the weather totally transforms Pittwater. The image I worked off for this painting was taken in a 'calm before the storm'. A sense of complete tranquility, stillness and silence had consumed the ocean and me along with it, so I raced straight home in hope of translating this feeling with paint onto sailcloth. I was in a really good, I guess it's termed 'creative state of mind', and whipped it out in a couple of hours. That rarely happens to me, its hard to get on that kind of roll, normally I spends hours across a number of weeks trying to finish one work.
Has that one sold?

Yes, I was quite upset about that one going. I find myself getting quite emotionally attached to some of my works. Another favourite of mine I'm lucky enough to still have at home, it is called *'Nautical Shadows'*, which was part of my high school major work. When I first finished school I wanted to sell it as I had quite a few interested buyers but mum wouldn't let me. So in the end she bought off me so she could keep it in the house, which I'm very glad about now. That again was a really spontaneous work where I wasn't thinking too much about what I was doing when I created it. When I'm not focused or stressed about trying to produce work and am just experimenting, the best artworks are always created.

Nautical Shadows by Gemma Rasdall

If you could be another creature for a day, furred, feathered or finned, what would you be?
I really like ducks. I'm not sure why, probably because they have a particularly cute appeal and always look to be completely content with a life spent frolicking about in the water.
They're also a waterbird which can be in the water, under the water, on the water, fly and also be on land.
Yes, they definitely have best of both worlds.
What is your favourite place in Pittwater and why?
Taylor's Point would probably be one of my favourite spots and Avalon Sailing Club also holds a soft spot in my heart because I've grown up there. My whole family has grown up there. I spent every Sunday there throughout my childhood, learning to sail and forming lifelong friendships so it will always remain a special place to me.
What is your motto for life or a favourite phrase you try to live by?
There's a quote by Vincent van Gogh that I love that is something like, ***We know the seas are rough and the storm is wild, but that has never been sufficient reason for remaining ashore.*** I see in that, sure, life is full of scary and unpredictable circumstances but that's no excuse for not giving it a go. I believe in throwing yourself headfirst into the deep end, sink or swim, either way you learn something from the experience and come out of it better off than when you jumped in. For example, the ideal of studying overseas for a long period of time is daunting, but its something I have to do, I have to experience it. I love to push myself, I love the thrill, the fear and the adrenaline rush of pushing the boundaries. It's in situations like this where you surprise yourself by exceeding your expectations and achieving great things.

Gemma will be exhibiting in the 9th annual Marine Art Exhibition at the Royal Motor Yacht Club - Broken Bay, June 6-16th, 2013 or can be contacted as listed below:

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Taylor's Point Wharf, 2013. Picture by A.J Guesdon.

Avalon Sailing Club, 2013. Picture by A.J Guesdon.

Pittwater Online News

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Mark Foy

15 February 1865 - 15 November 1950

In the life of Mark Foy is seen some of our pioneer Australian spirit, our impetus to get up and go, to create new frontiers where old class systems tried to place obstacles as we headed towards Federation by establishing sailing for all, especially the working man, and being the founder of the Sydney Flying Squadron in 1890 (some sources state it was 1891, others cite 1892) as well as introducing handicap racing, which was originally referred to as the 'Mark Foy System';

The Columnist **Neptune encouraged the club to support the new Mark Foy system. Named for the Australian who invented it, this system of staggered start times according to handicaps, so that participants and spectators know exactly where the boats place without having to wait for the handicappers' report**; **Notes by "Neptune."**. (**1890, March 1**). *Australian Town and Country Journal* (NSW : 1870 - 1907), p. 38. Retrieved from http://nla.gov.au/nla.news-article71108468

And he exemplified how business can be combined with pleasure and sportsmanship, whichever area or state of Australia you may be in, as the list of Mark Foy Cups or championships run in sailing and horse racing extended from Queensland to Western Australia and follows a pattern of introduction that aligns his setting up and opening of further Mark Foy stores in these same areas. Mark Foy is also one of the first people on record to ensure Pittwater's beautiful spotted gums stayed where they belong; growing and stretching towards the sky.

SPOTTED GUMS AT BAYVIEW. Bayview, one of the most delightful of the many beauty spots round the waterfront at Pittwater, is more beautiful than usual today because of the presence of numbers of the young and middle-aged spotted gums on the roadside. Anyone, who has an eye for a tree trunk and a shapely headpiece, should see these hardwoods at work on their home holdings, over which Mr. Mark Foy and his neighbours hold sway. The grown trees are 30 and 40 feet in the barrel, and are quite perpendicular. All the young stock are lighter in body and shorter as well, but even the babies among these yellow-stemmed trees are as straight as a plumb line. Young trunks and old trunks, too, are coloured with unbroken bark of yellow-green pastel shade, blotched with spots of dull mauve, which clearly indicate the family to which they all belong. Only lately they were engaged in dropping their old bark in readiness for the work which has to be done during the year.

Thanks to Mr. Foy, Mr. Graham, Mr. Sinclair, and to the other tree lovers of Bayview, who are bent on preserving these native timber trees, visitors are able to enjoy from the roadside pictures which are too seldom seen on or near an outer suburban highway. In too many places all the native trees are cut down to make room for favourites from other continents. None of the Imported trees compare with those of our own wild land. Bayview's spotted gums stand head and shoulders above anything near them. While their present owners have power to protect them they are safe from the axemen. Recently, some splendid trees were taken off the roadside to make room for the electric light wires. Other trees were lopped or shortened for the same purpose. Many a bayside resident was sorry to see that work done. However, the chopping could not well have been avoided. The men who handled those spotted gums did their work feelingly, and saved every tree they could. SPOTTED GUMS AT BAYVIEW. (**1930, January 3**). *The Sydney Morning Herald* (NSW : 1842 - 1954), p. 10. Retrieved from http://nla.gov.au/nla.news-article16615090

Mark Foy had a residence in Pittwater called The Cabin at 28 Bay View Road before this access was renamed 'Pittwater Road' by Warringah Council. Other family members also purchased property in Pittwater in 1926, which we will include, in turn, at a later date;

IN consequence of leaving for Algiers, Mr. Mark Foy's residence, EUMEMMERING HALL, Bellevue Hill, is to Let on lease for a term of 5 years: also a water-frontage seaside Residence, **THE CABIN, Bayview, Pittwater, 6 rooms, motor garage, and boathouse and baths.** SHELEAGH COTTAGE, Medlow Bath, tho mosthandsome cottage on the Blue Mountains, electriclight and water laid on, beautifully furnished', also GLENARA COTTAGE, Medlow Bath, unfurnished, anda dwelling-house at Blackheath, six rooms, unfurnished. THE BUNGALOW, In KANIMBLA VALLEY, also STOEWER OFFICE, 12 City road. Full particulars of all these propcrties at HOOAN'S KIOSK, VICTORIA ARCADE.Opposite the Australia Hotel. Advertising. (**1914, April 11**). The Sydney Morning Herald (NSW : 1842 - 1954), p. 25. Retrieved from http://nla.gov.au/nla.news-article15500675

Mr Foy brought cars and car racing to Australia, was a proponent of motor boats and cruisers, and these were just a few of the investments he made in Australia. The list of health initiatives he contributed large sums to reflects early tragedy in his own life as much as a few personal health scares and an unceasing love of world wide travel paralleled bringing the latest and best back to Australia when people journeyed by ship.

MOTORING 'ON THE WATER.' The latest information received in Adelaide from England states that the Kingwho has always taken a keen interest in motoring on land, has recently entered with enthusiasm on the new development of the motor, which is seen now on thewaters along the English coasts. There does not seem to be any valid reason why South Australians should not enter heartily into the same sport, for there is ample sea space to practise on round the shore from Brighton to Largs Bay, while it is a very simple matter to run the motors into safe harbor when rough weather threatens. In European waters the oil launch-a dainty looking boat, containing an engine similar to that of the best French motor cars, capable of speeds running from ten miles up to 30 miles an hour-has long been popular, while of late years its vogue has almost rivalled that of the motor cars. **In Sydney the European fashion has already been largely followed, and the Daily Telegraph states that there are today 300 oil launches on "the beautiful harbor." Mr. Mark Foy, a great patron of automobilism, was among the pioneers of the sport there.** TOPICS OF THE DAY. (**1904, September 21**). *The Advertiser*(Adelaide, SA : 1889 - 1931), p. 4. Retrieved from http://nla.gov.au/nla.news-article5007959

The note that resonates strongest from masses of material is a love of sailing and his favourite vessel, the ***Flying Fish***, an earlier catamaran which he tried to find or rebuild once she disappeared. The picture at left, courtesy of the Australian National Maritime Musueum and dated 1898, is one version of this favourite. A story regarding her modifications from a gentleman known only as 'Clipper', who claims to have witnessed a SFS meeting, may be found in the Australian Historical Sailing Skiff Association Inc. August Newsletter 2012 **HERE**

Sailing Man's Search For Freak Racer . The old racing 24-footer Flying Fish is being anxiously sought by the well-known sailing enthusiast Mr. Mark Foy. If the hull can be found, even in a derelict condition, Mr. Foy plans to build a big racer, 60ft long, on the same lines. For some time he has been advertising a reward of £5 for news of the boat's whereabouts. Several reports that she was at George's River, and had become a houseboat, have proved untrue. The whereabouts of Flying Fish is still a mystery. Sailing veteran and boatbuilder Peter Cowie believes the lost boat will never be found. Some years ago the late **Jack Gorman told him Flying Fish broke from her moorings at Pittwater and drifted out to sea. Mr. Foy, who gave Gorman the freak racer nearly 50 years ago**, said last night that this explanation was quite plausible.
He claims that Flying Fish had an amazing turn of speed on a beam wind. **She often sailed past Manly ferries**, and out-distanced all-comers on the harbour. Shortened by two feet to enter an ocean race Flying Fish won it by about three miles, according to Mr.Foy. The craft was of unorthodox build. **She was actually two boats, each of 2ft 3in beam, bolted together by two cross pieces, one at the mast and one further aft. Flying Fish carried a crew of 20. She was rigged with a French lug sail and overall measured 60ft from bowsprit to tip of bumpkin.** Mr. Foy is confident that if the Flying Fish could be found and reproduced with a 60ft hull the new boat would be a record-breaker.
"She was perfectly balanced," he declares.
A copy named the Flying Fox did not have the same balance and proved a complete failure. Mr. Foy is dubious about the success of any other attempts to duplicate the performance of the craft without her exact dimensions. Sailing Man's Search For Freak Racer. (**1946, February 26**).*The Sydney Morning Herald* (NSW : 1842 - 1954), p. 8. Retrieved from http://nla.gov.au/nla.news-article27919832

Mark Foy was born at Bendigo on February 15th 1865 to Mark Foy and Mary (nee Macken). His father, a draper in his former home of Dublin, had moved to Melbourne by 1870 and set up a store in Smith Street, Collingwood that prospered and had become big enough to occupy six shops by 1880. He was already a keen sportsman winning medals in the United States of America for rifle shooting.
At the age of 19, in 1884, he moved to Sydney with older brothers Francis and Hugh Victor, with sisters Alice and Sophie included, to set up their own store. The stories of how this came about are many. One of them;

Fateful Toss By A. L. BRIENT . IN HIS ARTICLE on the origin of some of Melbourne's famous old stores (Week-end Magazine, 2/4/49), Ron Testro mentions the circumstances in which the Foy and Gibson partnership was dissolved. As two of Australia's leaders in the retail drapery trade were concerned, the story seems worth telling in greater detail. William Gibson; by the way, was a comparative latecomer into the business, which had been established by Mark Foy in the Victorian gold-digging days, first at Bendigo, afterwards extending to Greytown and Castlemaine (in partnership with a Mr Bentley), and finally to Smith st, Collingwood (1868). It was in Collingwood that Mark Foy's elder son, Francis, grew to manhood, and during his father's declining years (he died in 1882 while on a health trip in USA), became responsible for the conduct of the business.

It was in this period that William Gibson, a Scottish commercial traveller, with capital to invest on behalf of his uncle, Robert Dick, well-known Glasgow leather belt manufacturer, became a partner. Then something entirely unpredictable happened. While Francis Foy was absent on a prolonged buying mission, William Gibson, fascinated by the overhead cash-carrier system then coming into favour, installed one in the Smith st premises as a surprise for his partner on his return. However, it was with a wry sort of smile that Francis Foy beheld the new contraption. It was not because he was opposed to innovations. On the contrary, his reputation was that of a man ever on the look-out for new ideas in business. It was that he had not been consulted on a major item of expenditure.
THEN HE DECIDED that Smith st could not hold both Gibson and himself. So it was that each partner agreed to write down his valuation of the share he held in the business, and decide who should buy the other out on the toss of a coin. Francis Foy never baulked at risks. He won the toss. Gibson's disappointment was manifest in his face, although he was prepared to stand by the bargain. Francis Foy, son of an emotional Irish mother and a mercurial French father, relented. "Consider you've won," he exclaimed. "I will take your chance, sell at the figure I've given (£8,000), and go to Sydney." Conservative estimates at the time were that the amount should have been more like £60,000. Nevertheless, Francis Foy left Smith st, never to return (although a regular visitor to the Melbourne Cup meeting),opened in Oxford st, Sydney, under his father's original sign, "Mark Foy," and in 20 years made £1 million. Today, the business is carried on in palatial premises in Liver-pool st. Francis Foy died in 1918, in the Sydney express, returning from the Melbourne Cup of that year. William Gibson did not forsake his old partner during the difficult period of finding a footing in Sydney. He was always ready to lend an expert or two from his Smith st staff, to tide over a difficulty in the new city. I have mentioned Francis Foy's French ancestry. His paternal grandfather, a stubborn monarchist, fled from Paris during the French Revolution, and acquired a flour milling business and a fortune in Ireland, but lost all when his bank failed. Fateful Toss. (**1949, June 18**). *The Argus* (Melbourne, Vic. : 1848 - 1956), p. 5 Supplement: The Argus Week-End Magazine. Retrieved from http://nla.gov.au/nla.news-article22735875

MR. MARK FOY'S NEW DRAPERY ESTABLISHMENT, OXFORD STREET, SYDNEY.

MR. MARK FOY'S NEW DRAPERY ESTABLISHMENT, OXFORD STREET, SYDNEY. (1885, October 24). *Illustrated Sydney News* (NSW : 1853 - 1872), p. 16. Retrieved March 11, 2013, from http://nla.gov.au/nla.news-article64036628 and Mr. Mark Foy's Drapery Establishment,
MOST old Victorians, or even those who have made only occasional visits to Melbourne, will remember the establishment of Mr. Mark Foy, in Collingwood. This enterprising gentleman made it amongst the most famous places of business in the southern city or its suburbs, and its proprietor was as widely known as he was generally respected. The firm have now opened an establishment of a similar kind in Oxford Street, Sydney. The new premises have just been completed, and business is now in full swing. Our illustration gives a capital and graphic idea of the interior of this extensive and handsomely fitted establishment, which, during the afternoons and hours when ladies usually indulge in the amiable weakness of shopping, is a. perfect beehive of life and activity. We have no doubt the enterprising proprietors will reap the full reward of their energy, capital, and farsightedness in their new venture. , Mr. Mark Foy's Drapery Establishment. (1885, October 24).Illustrated Sydney News (NSW : 1853 - 1872), p. 13. Retrieved from http://nla.gov.au/nla.news-article64036651

Mark Foy senior, after whom this store was named, to honour him, actually died in 1884: FOY.—In loving remembrance of Mark Foy, J.P., Collingwood, who died of Bright's disease, on the 14th January, 1884, at San Francisco, aged 54. Family Notices. (**1886, January 14**). The Argus (Melbourne, Vic. : 1848 - 1956), p. 1. Retrieved from http://nla.gov.au/nla.news-article6080307 and FOY –In loving remembrance of Mark Foy, JP, Collingwood, who died of Brights disease and gangrene of the leg at San Francisco, on the 14th of January, 1831, aged 54 years. Family Notices. (**1885, January 14**). *The Argus* (Melbourne, Vic. : 1848 - 1956), p. 1. Retrieved from http://nla.gov.au/nla.news-article6065050

These notices would have been placed by Mark Foy senior's second wife Catherine (nee Power);

In the Equity Court on Wednesday last, before His Honor Mr. Justice Molesworth, an action of the Trustees, Executors, and Agency Company, Limited, v. Foy, was heard. The plaintiffs were executors of the will of the late Mr. Mark Foy, draper, of Smith-street, Collingwood, and the defendants, Mrs. Catherine Foy, widow of the testator, and Maximilian John Foy, his infant son, now aged three years, who was represented by Mr. David Power (name of both father and brother of Catherine)as guardian ad litem. The deceased died on the 14thJanuary, 1884, at San Francisco, California, leaving a will executed at the same place on the 13th December, 1883. Mrs. Catherine Foy was the second wife of the testator, and the infant defendant is his only child by her. The present action was brought to have the will of the testator construed by the court. **Mr. Foy** (Snr.) **by his will bequeathed sums of £5 to his daughter, Mary Anne Foy, and £500 to his sister, Miss H. F. Foy, of Bourke-street, Melbourne.** He then directed that the residue of his estate should be held in trust by the widow for her child and herself, share and share alike, but provided that in the event of the widow marrying again, the whole of the residue should go to the child. **He explained that he did not make any provision by his will for his children, Francis Foy, Mark Foy, Hugh Victor Foy, Alice Foy, and Sophie Foy, because he had already provided for them otherwise.** The deceased appointed the plaintiffs and his widow executors and executrix of his will, but the latter renounced, and probate was granted to the company alone. The deceased left real property of the value of £1696, and personal property of the value of £14,400. His debts amounted to £881.The immediate object of the present action was to ascertain from the Court what was to be done with the corpus of the widow's half of the residue. It was pointed out on behalf of the plaintiffs that if she got possession of it she might spend it and then marry again, when the money could not be recovered from her. On behalf of the widow it was submitted that she was entitled to the possession and absolute control of one-half share of the corpus, and that as to that share no trustee should be appointed. The moiety claimed by Mrs. Foy amounts to about £7607. Mr. Higgins, instructed by Messrs. Davies and Campbell, appeared for the plaintiffs; Dr. M'Inerney, instructed by Mr. Walter Davies, for the defendant, Mrs. Foy; and Mr. Campbell, instructed by Mr. C. S. Price, for the infant defendant. His Honor reserved judgment. LOCAL BUILDING SOCIETY, BRUNSWICK. (**1884, October 25**). *Mercury and Weekly Courier* (Vic. : 1878 - 1903), p. 2. Retrieved from http://nla.gov.au/nla.news-article59752597

In 1888 Mark Foy junior married a lady whom he may have met in his childhood, Annie Davy (June 2nd, 1864 - May 26th, 1921). Annie was the daughter of Mary Ann and John Davy both of whom had died by 1870, leaving her an orphan. Consumption, a term which describes how this disease wastes or 'consumes' its victims, and which is now called tuberculosis and spread by breathing the air of those infected during close contact, claimed her grandfather, uncle, her mother and her aspiring father;

MARRIAGES. DAVY—O'CONNELL.—On the 20th inst., at St. Francis's Cathedral, Melbourne, by the Rev. W. M. Finn, Mr.John Davy, merchant, Melbourne, to Mary Anne, only daughter of the late Mr. Daniel O'Connell, Melbourne. STOCK AND SHARE LIST. (**1862, November 27**). *The Argus*(Melbourne, Vic. : 1848 - 1956), p. 4. Retrieved from http://nla.gov.au/nla.news-article6481457
TO LET, first-class HOUSE, Fitzroy-street. Apply Mr. Foy, No.29 King William-street, Collingwood. Advertising. (**1859, June 11**). *The Argus* (Melbourne, Vic. : 1848 - 1956), p. 8. Retrieved from http://nla.gov.au/nla.news-article5682618
On the 18th inst, at his residence, Morning Star Hotel, Little Bourke-street, Melbourne, Mr. Daniel O'Connell, aged 42 years. Family Notices. (**1860, November 19**). *The Argus* (Melbourne, Vic. : 1848 - 1956), p. 4. Retrieved from http://nla.gov.au/nla.news-article5693477
THE Friends of the late Mr. DANIEL O'CONNELL are respectfully invited to follow his remains to the place of interment, Melbourne General Cemetery. The funeral to move from his residence, Morning Star Hotel, Little Bourke street east, this day (Tuesday). 20th inst., at 3 o'clock p.m. JOHN DALEY, undertaker, La Trobe and Spring streets, Melbourne. Family Notices. (**1860, November 20**). *The Argus* (Melbourne, Vic. : 1848 - 1956), p. 8. Retrieved from http://nla.gov.au/nla.news-article5693584
DEATH. O'CONNELL.-On the 16th inst., of consumption, at the residence of his brother-in-law, Mr. John Davy, Brunswick-street, Fitzroy, John, eldest son of the late Mr. Daniel O'Connell, aged twenty-three years. Family Notices. (**1865, December 18**). The Argus (Melbourne, Vic. : 1848 - 1956), p. 4. Retrieved from http://nla.gov.au/nla.news-article5766894
DAVY.—On the 19th inst, at her residence, 88 Rathdowne street, Carlton, Mrs. Mary Anne Davy, widow of the late Mr. John Davy, merchant, and only daughter of the late Mr. Daniel O'Connell, aged 26 years. R.I.P. Family Notices. (**1870, October 21**). *The Argus* (Melbourne, Vic. : 1848 - 1956), p. 4. Retrieved from http://nla.gov.au/nla.news-article5836583

FOY-DAVEY.-April 18 at St Mary's Cathedral, Sydney, by the Rev. Father Byrne, Mark, second son of the late Mark Foy, Esq .J P., of Melbourne, to Annie, only daughter of the late John Davey, of Melbourne. Family Notices. (**1888, May 23**). *The Sydney Morning Herald* (NSW : 1842 - 1954), p. 1. Retrieved from http://nla.gov.au/nla.news-article13687300

'20. Bournemouth pier approach in 1899.

It seems the heartache was not over for Annie. In 1898 Mark Francis Foy, eldest son of Mark Foy junior, was born in London. Some sources state this first son was born of Elizabeth Dominca Foy (nee Tweedie) who Mark Foy married in St Mary's Cathedral, Hobart, Tasmania on the 19th of September, 1900, two years later. As the Foy's were staunchly Catholic, an anulment must have been sought and granted. Annie died at Bournemouth a place renowned for its Baths and treatments for people suffering from Consumption at that time. A will, sealed and lodged in 1899 offers some insight;

Foy, Annie, formerly wife of Mark Foy, of Crescent-road, Bournemouth, died 26th May, 1921. Next of kin wanted. £13,368 NEXT OF KIN. (**1922, July 4**). *The Brisbane Courier* (Qld. : 1864 - 1933), p. 4. Retrieved from http://nla.gov.au/nla.news-article20556969
MRS. ANNIE FOY'S WILL. (**1926, May 26**). *The Argus*(Melbourne, Vic. : 1848 - 1956), p. 9. Retrieved from http://nla.gov.au/nla.news-article3784431

MRS. ANNIE FOY'S WILL.

GIFT OF £1,000 TO ORPHANAGE.

Institutions to Benefit.

Through an originating summons, Mr. Justice Macfarlan, in the Practice Court yesterday, was asked to say whether a bequest of £1,000 to "the directors or other governing body of the South Melbourne Orphanage, in the Colony of Victoria," was a valid charitable gift. The bequest was made by the late Mrs. Annie Foy, of Fitzroy and Sydney, the wife of the late Mr. Mark Foy. If the gift was valid, the Court was asked to say whether the amount should be paid to either St. Vincent de Paul's Orphanage for Boys, South Melbourne, or St. Vincent de Paul's Orphanage for Girls, South Melbourne, or whether it should be divided between those orphanages in equal shares. If the answer to the second question was in the negative, Mr. Justice Macfarlan was asked to say how the £1,000 should be disposed of. Mrs. Foy died on May 26, 1921, and her will was executed in 1899.

Plaintiff to the originating summons was Catherine Southgate Nathan, of Glenferrie, Carrabella street, Kirribilli Point, Sydney, widow, administratrix of the estate of Mrs. Foy. Patrick Gilday O'Neill was sued as representing St. Vincent de Paul's Orphanage for Boys, South Melbourne, and Mary Peter Mulcahy, as representing St. Vincent de Paul's Orphanage for Girls, South Melbourne. Elizabeth Fysh was also a defendant to the summons. She represented St. Vincent's Hospital, Sydney, and all other institutions entitled to share in the residue of Mrs. Foy's estate.

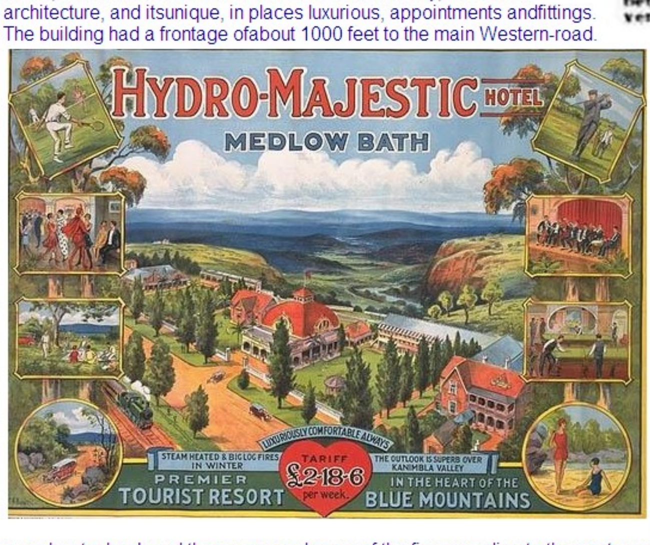
Mr. M. Cussen (instructed by Mr. M. Mornane) appeared for Mrs. Nathan; Mr. Gunson (instructed by Mr. T. P. H. Nunan) for the Boys' Orphanage; Mr. Hassett (instructed by Messrs. Toohey and Wimpole) for the Girls' Orphanage; and Mr. R. M. Nolan (instructed by Mr. J. R. Brew) for the residuary legatee.

Michael Mornane, solicitor, said, in affidavit, that he was executor of the will of Patrick Mornane, deceased, who was one of the executors and trustees of the will of Mary Anne Davy, mother of Mrs. Foy. Mrs. Davy died on October 19, 1870. Letters of administration, with the will annexed, of the estate of Mrs. Foy were granted to Mrs. Nathan on April 4, 1923, and these were sealed by the Supreme Court of Victoria on December 6, 1923. Mrs. Foy left estate valued at £11,220. She bequeathed, subject to the legacy in question in the originating summons and other legacies, the residue of her estate to be divided equally between St. Vincent's Hospital, Sydney; the Convent of the Little Sisters of the Poor, Randwick;

Some of what Mark Foy may have been experiencing during these events can be glimpsed in him retiring from full time work at Mark Foy's in 1898 to 'pursue other interests' and his zeal for acquiring land in the Blue Mountains to begin building in 1902 what would become the Hydro Majestic Medlow Baths;

KATOOMBA BLAZE. Famous Hotel Destroyed. £30,000 DAMAGE. KATOOMBA, Friday. - The Hydro-Majestic Hotel at Medlow Bath, a famous tourist resort in the Blue Moun-tains, has been partially destroyed byfire. The fire broke out from an un-known cause in the early hours thismorning. The manager, his wife and family, who were awakened by thecaretaker, had a narrow escape fromthe burning building in their night attire. The whole of the central section, known as Belgravia, with its renowned picture gallery, and two storeys ofbedrooms, is a smouldering mass of ruins. The picture gallery was one of thefeatures of the Hydro. It contained specimens by many well known artists, also many fine marble busts. It contained specimensof such well-known artists as Lister, Julian Ashton, Tebbutt, Gladstone, Ayre, and Cayley. **The Hydro was erected about 20 years ago.** It was intended to mark a new departure in hotel accommodation. Altogether it has cost about £90,000. The damage, as a result of the fire, is roughly estimated at £30,000. The building was owned by Mr. Mark Foy. It was leased to the Joynton SmithTrust. The whole of the buildings and contents were insured.KATOOMBA BLAZE. (**1922, August 19**). *Advocate* (Burnie, Tas. : 1890 - 1954), p. 5. Retrieved from http://nla.gov.au/nla.news-article66728078 and A BIG FIRE. (**1922, August 26**). Chronicle (Adelaide, SA : 1895 - 1954), p. 42. Retrieved from http://nla.gov.au/nla.news-article87435205

Few tourists, visit the Blue Mountains without looking over the great, somewhat straggling building which picturesquely hangs over the Kanimbla Valley. Well-known as the Hydro-Majestic was as a mountain resort,it was even better known because of its history, its unusual architecture, and itsunique, in places luxurious, appointments andfittings. The building had a frontage ofabout 1000 feet to the main Western-road.



The picture gallery was the show portionof the building, where, in addition to canvasesby some well-known painters, there werea number of good pieces of statuary. The residential portion of the building hadbeen closed for some weeks, the only visit-ors being tourists, who stopped for an houror so to look through the building. Mr. Millett, the manager of the hotel, lived in the building with his wife and family and four children. The first person to notice the fire was oneof the employees of the place, Mr. Harry Skeen, who lived in a cottage nearby. Hewas sleeping out on the verandah of his cottage, and was awakened at about 3 a.m. by an unusual glare. He found the westernwing of the building ablaze, and rushed across to awaken the manager. Mr. Millett and hisfamily were all asleep, although heavy smoke was pouring into that portion of the hotel. They all got out safely. The flames, fanned by a stiff westerly wind, spread rapidly, andformed a fiery pillar that was visible for manymiles about. The Katoomba Fire Brigade was notified, but it was not until 4.30 a.m. that it came into action. The few firemen had a difficult task, rendered harder by a poor water supply,which was later augmented by running a lineof hose to a hydrant nearly a quarter of amile away. It was not until a couple ofhours later that the flames were beatenback and there was no danger of the firespreading to the eastern portion of the hotel,which contains, in addition to many bed-rooms, a casino and large billiard-rooms. The Hydro-Majestic was built some 20 years ago by Mr. Mark Foy, who intended it as a luxurious tourist hotel. Later it was leased to Sir Joynton Smith, the present lessee. HYDRO-MAJESTIC. FIRE AT MEDLOW. (1922, August 19). The Sydney Morning Herald (NSW : 1842 - 1954), p. 13. Retrieved from http://nla.gov.au/nla.news-article16019743

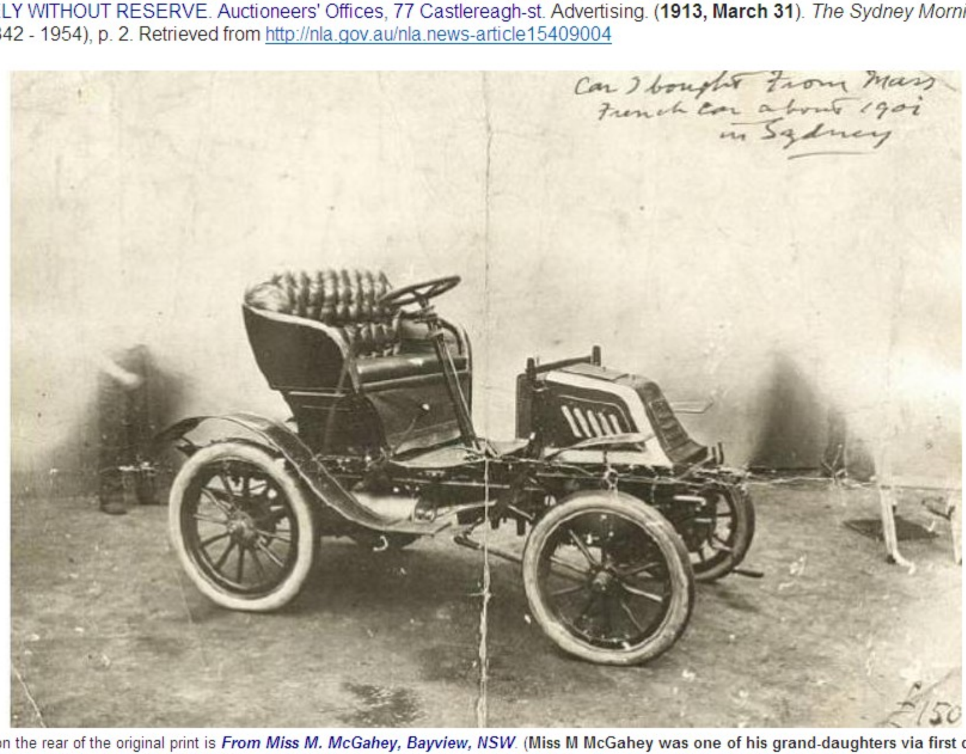
Elizabeth gave birth to their child Maxine in 1902, the same year this huge 'healing' edifice was opened. In 1903 Alice S R (called Sheleagh) was born and his second son, Francis Jefferson, in 1908.

Mark Foy's clearly quick mind and passion for all new innovations of humankind, combined with a buy and sell upbringing of knowing how to keep the financial wheels turning to back all ventures, runs through his passion for motor cars. Not only did he compete in the first ever marathon car race in Australia from Sydney to Melbourne he also had the knack for using his collection at Medlow Baths as well as selling it off when it suited:

MOTORING. DUNLOP RELIABILITY RACE. TWO CARS WRECKED. GUNDAGAI, Wednesday -The section of the Dunlop Reliability Motor Race today from Goulburn to Gundagai, through beautiful country and on comparatively good roads, was not accomplished with out stirring incidents. Two Victorian competitors for the Buchanan Trophy met with accidents, and there is no prospect of either car concerned being repaired for the three remaining sections. A third Victorian, Mr. H. J. Stevens, again proved himself to be the speediest motorist on the road. He went for speed, and notched a great performance when the long hill climbing is taken into account. The first batch of motorcycles was despatched at a quarter to 7 o'clock. By 8 o' clock nearly 30 cycles or cars were on the road. Mr. Mark Foy, whose car suffered on Tuesday, was a late starter, with one or two others. MOTORING. (**1905, February 23**). The Argus (Melbourne, Vic. : 1848 - 1956), p. 5. Retrieved from http://nla.gov.au/nla.news-article9885216

A GOOD IDEA. MARK FOY'S MOTORS, FROM MEDLOW BATH. Regarding the UNRESERVED SALE of the 15 MOTORCARS of Mr. MARK FOY, who is leaving for England, a good idea is suggested, and will be carried out, SALE ON THE LAWNS OF "EU-MEMMERING," BELLEVUE HILL, near Tram Terminus, 7th SEPTEMBER-WEDNESDAY. CARS ON VIEW: Sunday, Monday,Tuesday, and Wednesday. INTENDING PURCHASERS can have a trial on the stiff hills in the neighbourhood to show that all is right with the cars. A**s all the famous Medlow Bath drivers, who are the best in Australia**, will be temporarily out of work, and attending the Sale to show the cars off, they will instruct any purchaser of a Car how to drive it, and give them, if it is necessary, ONE WEEK'S LESSON IN THE PARK FOR ONE GUINEA. If you are a buyer you will thusly get the most expert training in driving your purchased Car in a manner as not to injure it until you become your-self thoroughly experienced. Advertising. (**1910, September 1**). *The Sydney Morning Herald*(NSW : 1842 - 1954), p. 6. Retrieved from http://nla.gov.au/nla.news-article15183655

MOTOR CARS. On the Lawn of EUMEMMERING HALL, BELLEVUE BILL.Under favoured instructions received from MARK FOY, ESQ., Consequent upon his early departure for Europe,The Whole of his FINE COLLECTION OF MOTOR CARS, of Various Manufacture. Including: TWO 18-31 H.P. FIAT CARS. TWO 10-12 H.P. FIAT CARS. 15-22 NEW CABRIOLET STOEWER CAR. This Car has not run 1500 miles, fitted with C. A.A'.Lighting Set, and is the most perfectly fitted Car in the State. TWO 8-10 H.P. DE DION CARS. 12-10 H.P. LIMOUSINE N.A.G. CAR. 10-12 H.P. STOEWER CAR. Detailed particulars set out in Catalogues, which can be obtained from the Auctioneers, or will be posted on application. BARNARD AND CO. will sell by auction as above.
POSITIVELY WITHOUT RESERVE. Auctioneers' Offices, 77 Castlereagh-st. Advertising. (**1913, March 31**). *The Sydney Morning Herald* (NSW : 1842 - 1954), p. 2. Retrieved from http://nla.gov.au/nla.news-article15409004



Written on the rear of the original print is ***From Miss M. McGahey, Bayview, NSW***. (**Miss M McGahey was one of his grand-daughters via first daughter Maxine.Ed.**) Car belonged to late Mr. Mark Foy while the front reads – in Mark Foy's hand? – *Car I bought from Mass(?). French car about 1901(?) in Sydney. £150*. Photo owned by David Manson and sourced from Serpolette's Tricycle, The Early Motor in Australiasia, Newsletter, No 6, December 2012 who state Mark Foy is a "pioneer NSW motorist Mark Foy".

Another aspect of this man's interests that shows up in Pittwater and perhaps points to friendly support of his then neighbours the **Pittwater Aquatic Club** and their early history of rowing, shows in his sponsorship of the Mark Foy Race in Pittwater Regattas during the 1920's and 1930's. This too can be traced back to an older interest in this sport;

THE SCULLING CHAMPIONSHIP-**MARK FOY GIVES STANBURY A NEW BOAT** London, July 6. James Stanbury is undergoing a sound preparation for his match with Harding for the sculling championship of the world on Monday next. Mr. Mark Foy, of Sydney, has presented Stanbury with a new boat, to be used in the match. THE SCULLING CHAMPIONSHIP. (**1896, July 10**). *The Inquirer & Commercial News* (Perth, WA : 1855 - 1901), p. 7. Retrieved from http://nla.gov.au/nla.news-article66541367

James (Jim) Stanbury (1868-1945), sculler, was born on 25 February 1868 at Mullet Island, Broken Bay, New South Wales, son of James Stanbury, a farm labourer from Devonshire, and his Sydney-born wife Catherine, née Reilly. Several years later the family shifted to Nowra where young James learned to row on the Shoalhaven. In 1887 he moved to Sydney to join the professional sculling ranks and within a year had stunned onlookers by finishing a close second when Henry Searle set a Parramatta River record. Following Stanbury's successful defence of his title against Charles Harding, the English champion, in July 1896 in London, Gaudaur agreed to race over the neutral Thames course. In a contest where Stanbury claimed a foul, Gaudaur took the world title on 7 September. The Australian was received coolly in Sydney for having refused to row out the match at racing speed.
Scott Bennett, *'Stanbury, James (Jim)* (1868–1945)', Australian Dictionary of Biography, National Centre of Biography, Australian National University, http://adb.anu.edu.au/biography/stanbury-james-jim-8618/text15055

Professional Sculling: The Mark Foy Mens Single Sculls (heavy boats) "Final H Robson 1 J Wilson 2 C Mudie 3 won by three lengths ". PITTWATER REGATTA. (**1934, December 31**). *The Sydney Morning Herald* (NSW : 1842 - 1954), p. 13. Retrieved March 6, 2013, from http://nla.gov.au/nla.news-article17117750

Mark Foy continued to travel every year. World events which affected the high seas on one occasion meeting his path mid-voyage;

MR. MARK FOY A PRISONER. A letter received in Sydney from a German resident at Yap Island, near Carolines, stated Mr. Mark Foy, of Mark Foy Ltd. was a prisoner there MR. MARK FOY A PRISONER. (**1914, October 9**). *Bendigo Advertiser* (Vic. : 1855 - 1918), p. 8. Retrieved from http://nla.gov.au/nla.news-article90727010 and;

MR. MARK FOY. PRISONER OF WAR Mr. Mark Foy, who recently left Sydney on a pleasure trip to Japan, has had a novel and exciting experience. He left Sydney in a German mail steamer, and while the vessel was on the Australian coast war was declared between England and Germany. The vessel immediately altered her course, and the passengers, much to their surprise, were landed at Rabaul, in New Britain, where they had to shift for them-selves as best they could. Mr. Foy remained on the Island some days, and, finding it impossible to get away by other means, chartered a small vessel with the assistance of other passengers in which they proposed to make for the Philippine Islands. Their troubles were not at an end, however, for their new craft struck a reef, and was wrecked. The passengers and crew were picked up by a passing vessel and conveyed to Yap. Mr. Foy cabled to Sydney from Yap, stating that he was well. A letter however, was received in Sydney a couple of days ago from a German source stating that Mr. Foy was detained as a prisoner of war, together with the British Consul, and the pair of them had been placed on a small island near Yap. It is likely, however, that Mr. Foy has since been released, for the Japanese have taken possession of Yap, and that he will be able to continue his voyage to the East or return to Sydney. MR. MARK FOY. (**1914, October 10**). *The Sydney Morning Herald* (NSW : 1842 - 1954), p. 12. Retrieved from http://nla.gov.au/nla.news-article15537531

Shortly after the next world war began Mr Foy lost his second wife;

DEATH OF MRS. MARK FOY. Mrs. Elizabeth Foy, daughter-in-law of the founder of Mark Foy's Ltd has died in California after an operation for appendicitis. She left Australia on a world tour in April 1939 with her husband, Mr. Mark Foy, chairman of directors of Hydro Majestic Ltd Med-low Bath, and their daughter Miss Sheleagh Foy. Their elder son, Mr. Mark Francis Foy, and his wife left Sydney in December to join his parents in the United States and all had taken their passages to return this week by the same steamer. Two other members of the family, Mrs. Maxine McGahey and Mr. Jefferson Foy are in Sydney. The body will be be brought to Sydney for the funeral. DEATH OF MRS. MARK FOY. (**1940, July 11**). *The Sydney Morning Herald* (NSW : 1842 - 1954), p. 9. Retrieved from http://nla.gov.au/nla.news-article17683793

Elizabeth's funeral took place almost six weeks later;FUNERAL OF MRS. ELIZABETH FOY. The remains of Mrs. Elizabeth FOY, daughter-in-law of the founder of Mark Foy's, Ltd., who died in Southern California on July 9 after an operation for appendicitis, have been brought to Sydney for burial. There will be a Requiem Mass at St Mary's Cathedral at 10 o'clock this morning, after which the cortege will move to the South Head Cemetery. FUNERAL OF MRS. ELIZABETH FOY. (**1940, August 21**). *The Sydney Morning Herald* (NSW : 1842 - 1954), p. 13. Retrieved from http://nla.gov.au/nla.news-article17677065

This gentleman of innovation continued in his love of sailing, attending to family business and watching his precious Hydro Majestic come in for War Service as this construction against the toll of disease and unhappiness was used for convalescing American servicemen during WWII to once again be a haven of restorative health and a few laughs. ONe source researched states; *"Instead of getting out of bed to turn a light switch off, they'd shoot the bulb out with a revolver," said Mrs Mary Shaw, grand-daughter of the hotel's founder, Mark Foy. "They had mouse traps hidden on couches and chairs to catch the unwary and they rolled some statuary down the cliffs at the back... They disposed of a herd of wild goats that my grandfather had imported... the whole lot of them for target practice just for something to do."* GERALDINE O'BRIEN, Heritage Writer, *Glory days are coming back to the Hydro Majestic*. 2009.

After a lifetime filled to the brim with doing, giving, and introducing new innovations to his fellow Australians, Mr Foy, by now aged, responded with characteristic determination to one last challenge.
The following is an obituary for Mark Foy
FALL CAUSES DEATH OF LEADING BUSINESSMAN. Mr. Mark Foy, who with two other brothers started the firm of Mark Foy's Limited more than 70 years ago, died in St. Vincent's Hospital last night, aged 85. Mr. Foy, who lived at Victoria Road, Bellevue Hill, died following a fall in his garden at his Bayview cottage. He was admitted to hospital at noon yesterday and died about midnight. Mr. Foy was in bed about 4 o'clock yesterday morning, when he thought he heard a burglar in the grounds. He got out of bed and was walking through a garden patch when he slipped. Mr. Foy was one of Sydney's leading business figures. He was known for his generosity and donated large amount to charity. He was also "prominent" in the sporting world. His main activity was sailing and he was the originator of 18ft sailing in Australia. He owned many championship boats and sailed them in England and Europe. In his youth Mr. Foy was also a good rifle shot. In America when 16 he won several medals for shooting. Mr. Foy was born in Bendigo. His father, an Irishman started the Melbourne firm of 'Foy and Gibson.' The Foy family decided to branch out into Sydney, and Mr. Mark Foy and two other brothers came here and established the business. He was the only surviving brother. Mr. Foy built the Hydro Majestic at Medlow Bath. Sydney Flying Squadron's fleet will fly black mourning ribbons from masts in Saturday's race in the Harbour. This will be the Squadron's tribute to its founder and its patron, Mr. Foy. Mr. Foy founded the Squadron in 1892 and retained the keenest interest in it until his death. SFS secretary (Mr. W.J. Anderson) said today that all skippers should see black ribbons were flown on Saturday. "Mr. Foy's death has cast gloom over the Sport, his sportsmanship and generosity will long be remembered" added Mr. Anderson. Mr. Foy is survived by two sons and two daughters. Mr. Mark F. Foy, Mr. F. J. Foy, Mrs. McGahey and Miss Sheila Foy. No arrangements have yet been made for the funeral. DEATH OF MR. MARK FOY. (**1950, November 17**). *The Sydney Morning Herald* (NSW : 1842 - 1954), p. 13. Retrieved from http://nla.gov.au/nla.news-article18186921
Fortunately in 2008 a discovery allows us to ensure the legacy of all this gentleman brought and gave to so many lives on:

International 18ft Skiff Class Association - Double Bay, Sydney, Australia, Press Release, December 13, 2008 -New Trophy for the International 18ft Skiff Circuit - The 18 Foot Skiff International Association is delighted to announce a new global competition, the Mark Foy Trophy, to be sailed for the first time in Carnac (France) between June 29th and July 04th 2009. Mark Foy was one of the founders of the 18ft Skiff Class in Sydney in 1892 and a uniquely designed trophy bearing his name was recently rediscovered in the clubhouse of the Sydney Flying Squadron. Newly renovated and kindly donated by the Foy family, this valuable trophy will now take its rightful place as an International 18ft Skiff trophy. As a sign of the importance of the class outside Australia, and to show particular support for the class in Europe, the first venue to hold a series of races for this Trophy will be Carnac in France, often cited as the birthplace of European 18ft Skiff racing. A huge turnout of 18ft Skiffs is expected, with over 30 boats representing Australia, New Zealand, the USA and many European countries, with previous JJ Giltinan winners and champions from other classes competing over 6 days in a gala event hosted by Yacht Club de Carnac. John Harris, Commodore of the Australian 18 Footer League, comments, "Our International class organisation is mandated to foster the growth of the class building on its success Internationally, and promoting the regattas held annually in Australia, Europe and the USA. The JJ Giltinan Trophy has been raced as a "world championship" on Sydney Harbour since 1935, and the Mark Foy Trophy is both a reflection of the popularity of 18 Footer Sailing Internationally and a fitting celebration for the class as it looks to continue its growth on all continents. The JJ Giltinan event will continue to be run in Sydney every year and maintain its iconic status as one of the ultimate sailing trophies to be won in the world today".

In 2010, the Mark Foy Trophy will return to its birthplace in Sydney, Australia and will be run alongside the JJ Giltinan Trophy to celebrate the 75th Anniversary of the world's most exciting skiff class. San Francisco in 2011 and Auckland in 2012 are then scheduled hosts for the Mark Foy Trophy.

Notes on the trophy:
The trophy was designed by Mark Foy and crafted in Hong Kong in 1935. It stands 50cm tall, and is decorated with an ornate Chinese junk on top, reflecting the origin of the trophy and Mark Foy's passion for travel. On the handles, and embossed on the base, are shapes of the Australian "Dugong", a native Australian fish that by law can now only be fished by indigenous Australians. This unique and valuable trophy will take up permanent residence in the Sydney Flying Squadron opposite the Harbour Bridge, overlooking the waters where 18ft skiff racing started. From: http://www.sailingtexas.com/markfoytrophy

Mark Foy threads collected and collated by A J Guesdon, 2013.

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Pittwater Online News

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Adrenalin 360 Surf and Skate Competition at Avalon

Four Dinosaur Egg Species Identified in Lleida, Spain

Mar. 12, 2015 — A study headed by the Miquel Crusafont Catalan Institute of Paleontology (ICP) has identified four dinosaur species from hundreds of dinosaur egg fossils in the Coll de Nargó archaeological site in Lleida, Spain. Up until now, only one type of dinosaur egg, *Megaloolithus siruguei*, was known in the area. The discovery of the Nargó containing dinosaur eggs has turned Montsech into the west of the town that bears the same name in the province of Lleida. The study, published in the *Cretaceous Research* journal, including the American Dr. Anne Schmitt-Sody and the Turner Formation, which have provided a rich and varied orbit of dinosaur fossils through the entire Pioneers region.

"Eggshells, eggs and nests were found in abundance and they all belonged to the same species," explains Oriol Mujal, author of the new type of dinosaur egg had been discovered in the Lleida region *Megaloolithus siruguei*. After analysing more than 25 shards throughout the Turner Formation, it determined that at different additional types were identified. Cairanoolithus roseaensis, Cairanoolithus pyrenaicus, Cairanoolithus vilellensis and *Megaloolithus baghensis* in addition to the known eggs of the species from the Miquel Crusafont Catalan Palaeontology Institute and lead author of the study.

One of the main problems faced by palaeontologists when studying dinosaur eggs is identifying the species that laid the eggs found there. These rocks are usually in a very bad state of preservation and sometimes the eggs are of rocks to be deduced. However, these fossils are found in marine sediments that have been much more difficult to find in land sediments.

The study has also found that different types of eggs (oospecies) are located at very specific time intervals. *Megaloolithus siruguei* is found in the Upper Campanian, while *Megaloolithus baghensis* is from the Lower Maastrichtian. Both of these species have been able to determine the age of the site at between 71 and 67 million years. "It was the Nargó site.

The paleontological sites in the south of Europe containing dinosaur eggs are numerous and abundant, but this is the first time that a standardized study has recorded that the environment in the **Mesozoic Era**. The latest scientific investigations show that the Nargó site is the largest in the Iberian Peninsula and the fifth largest before the great extinction at the end of the Cretaceous period, exactly on the southern side of the Pyrenees.

A connection between French and Catalan dinosaurs

The discovery of Cairanoolithus fossils in this area is an important finding because it is the first time that this species has been found in Catalonia. Before, it was known in the Pyrenees, south central France. According to Garcia Sellés, **this discovery constitutes a new link in the paleontological connection between the Catalan and the Iberian Peninsula and the Pyrenees Mountains**.

Furthermore, finding dinosaur eggs and nests in more than 20 stratigraphic layers provides evidence that dinosaurs in the area used the Coll de Nargó region as a nesting area for millions of years.

"We had never found so many nests in the one area before. In fact, the number of nests found in the Coll de Nargó area is almost all those finding the eggs in other areas of the world," he says.

Albert I. Sellés, Ma Maria Bravo, Xavier Delclòs, Ferran Colombo, Xavier Martí, Jaume Chiapa Blanco, Carme Pastells, Oriol Mujal, Josep Fortuny, Àngel Galobart. **Dinosaur eggs from the Coll de Nargó area, Lleida, Catalonia, south central Pyrenees: Taphonomy, lithostratigraphy and their implications.** Cretaceous Research, 2015; 53: 83 DOI: 10.1016/j.cretres.2015.01.004. Follow This is an article's eligible for reuse under the Creative Commons Attribution Non-Commercial No Derivatives License.

TXTBFIT: new weight management program for young adults delivered via mobiles 11 March 2015

Researchers at the University of Sydney have joined forces with colleagues at the University of Canberra and University of Technology Sydney to launch a world-first weight management program for young adults delivered entirely via mobile phones.

Lead researcher, Associate Professor Margaret Allman-Farinelli said while enlisting currently available, the program uses mobile phone technology.

"The program helps people to make better food choices - to eat more healthily - and to be more active, by using mobile technology, especially text messaging/sms," she said. "It is designed for people to reduce their intake of unhealthy takeaways, sugary drinks and energy-dense snacks, and to increase their daily activity levels. It is aimed at those finding the transition to adulthood challenging and in their twenties and early thirties rather than the obese, who are needing to lose considerable weight."

The researchers are currently recruiting for young participants aged 18-35 years who live in the Sydney metropolitan area and have a BMI between 25 and 35 kg/m2 (overweight or obese).

"We are in the midst of an obesity epidemic and there is good evidence showing that today's young adults are unlikely to live longer, become overweight or obese than their parents," Associate Professor Allman-Farinelli said. "Yet, this is the group for which we very common. Health services need to be delivered in ways that suit their study, work, social commitments, relationships and life events.

"All current programs are for children or middle-aged adults. **This study is to assess the efficacy of a 12-week program delivered entirely via mobile phones to help young people in young adults, ages 18 to 35, using their communication technologies. It is free to the participant, flexible to their busy schedules, and run through mobile phones.**"

Chief investigators: Associate Professor Margaret Allman-Farinelli AdvHPD, Professor Adrienne Gemma, Dr Kerith Duncanson, Professor Mark Harris FRACGP, Dr Elizabeth Denney-Wilson RN PhD, Associate Professor Jonathan Buckley, Professor Rebecca Stanton, Dr Sophie Partridge.

Interested participants can contact the Research Officer, Kate Bekendorf on 02 9351 4478 or TXTBFIT@sydney.edu.au

Project Footage, Funny Animals from Footage Search on Vimeo

Music your Parent's Parents listened to (Your grandparents) - Ella James - At Last

"At Last" is a 1941 song written by Mack Gordon and Harry Warren for the musical film *Orchestra Wives*, performed by Glenn Miller and Ann Rutherford. It was performed in the film and on record by Miller's orchestra, with Marion Hutton on vocals. In 1942, the song reached number 2 on the Billboard chart. Etta James' version made it to number 14 on the Billboard pop charts in 1961, and it was the first song she ever recorded. It was included on her debut album, *At Last!*, released in 1960. It was produced by Leonard Chess, the original owner of Chess Records. The title track was released as a single, reaching number 3 on the R&B chart and number 25 on the pop chart. The song reached number 3 on the Billboard pop charts in 1942. It was covered by Ella Fitzgerald in 1958 — January 20, 2012) was an American singer. She style spanned a variety of musical genres, including blues, jazz, R&B, rock and roll, and gospel music. Starting her career in the 1950s as a member of the R&B hits such as "Roll With Me, Henry", "All Load", "Tell Mama", "Something's Got a Hold on Me", and "I'd Rather Go Blind". She was also known for her strong contralto voice and her ability to engage the gap between rhythm and blues and rock and roll, and is the winner of six Grammy Awards. In 1993, she was the first female artist to enter the Rock & Roll Hall of Fame. In 2003, she was ranked 14th in 2001, and the Grammy Hall of Fame in both 1999 and 2008.[3] She was ranked 46th on *Rolling Stone*'s list of the 100 Greatest Singers of All Time and number 62 on the list of the 100 Greatest Artists.

At Last! is the debut album from Etta James, released in 1960 and credited Etta James, which includes the title song "At Last". The album was produced by Leonard Chess. It was released in mono by Chess Records (catalog number LP 1428) and in stereo (LPS 1428) on the Rhythm and Blues Records Chart between 1960 and 1961. It was her first of five studio albums to reach the overall record on the Pop album label.

Etta James. (2013, March 12). In Wikipedia, The Free Encyclopedia. Retrieved from http://en.wikipedia.org/w/index.php?title=Etta_James&oldid=544087[3] Wikipedia contributors

At Last (2013, March 10). In Wikipedia, The Free Encyclopedia. Retrieved from http://en.wikipedia.org/w/index.php?title=At_Last&oldid=543[3] Wikipedia contributors

Showcasing science for National Science Week

For more information on **National Science Week 10-18 August visit**: www.scienceweek.net.au and also to view other States events.

Run your own Science Week event

On this page you'll find ideas for events and advice on running a public Science Week event. We encourage creativity and experimentation, so you can run a Science Week that appeals to many of your audience, whether casual or formal. We only ask that your event seeks to fulfill the National Science Week objectives to

1 Promote and encourage interest in the areas of science, engineering, technology and/or innovation, and

2 Communicate the relevance of these areas in everyday life.

Need more help? Consider contacting your state Science Week Committee.

Sample of NSW Events you may attend:

Museum of Human Disease, UNSW: Mini Music

Mostly ignored, your heart will beat billions of times in your life, but what makes it beat? Mini Music is a fun, interactive concert for kids made of the heart beats of audience members. Sensors are placed to measure improvisers to create music to be beamed back through video projectors to perform with the audience in real time. Audience members and practitioners from across Australia will be invited to participate in the concert, which will be held in the museum in one and it touches on some of the many heart issues in Australia - heart diseases.

Macquarie University: The Indigenous Science Experience @ Redfern

An exciting celebration of Western and Indigenous science highlighting achievements of Indigenous youth and Elders. It will showcase the work of Indigenous students in science through household and traditional practices, and immersive practices exploring Aboriginal technologies. It will also highlight Indigenous Elders' knowledge of science. The event will be jointly coordinated by Indigenous representatives from each university and will include customary practices and ways of life. This event will be held over 4 days and will be open to the public on the last day of the event, and will be open to the public. Presentations on science activities and seminars of relevance to all ages.

Australian Museum: Science Festival

A combination of activities that spans two weeks from 15 August. This will be a public event with a focus on showcasing all of the many physical and social science research undertaken at the Australian Museum. It will be held on the 22nd and 23rd August at Australian Museum Science (2013 theme of 4 Australian Museum Science). It will feature an interactive expo, hands on workshops and shows that will be run by museum staff, as well as a number of guest stalls that offer from a wide variety of research organisations, institutions and organisations.

Tom Farrell Institute for the Environment: Racing for Science Engagement

Racing for Science Engagement is an electric vehicle race day where members of schools, Universities, TAFE colleges and the community will be invited to participate in the race. The race will be 4 at a track days held in National Science Week. The vehicle race platform is a fun basis to explore physics, chemistry, engineering and technology principles. The race will be a platform for nanotechnology, biotechnology and all sorts of environmental science and technology. Teams will be assisted in engaging their supporters in understanding the significance of these technologies and challenges.

Centennial Parklands: Science in the Swamp

Science in the Swamp will be one big fun, buzzy day of displays, activities and shows for the whole family. Held at the Centennial Parklands Lachland Swamp area in the middle of Centennial Park, the big kids-style event will be hoping to connect people with ongoing science and nature activities they can get involved with throughout the year, both at Centennial Parklands and other local organisations. The event will be held on the 18th August 2013 from 10am to 4pm. Some of the NSW Scientists volunteers getting out and hands-on with Centennial's Cooking with Chemistry (Gail Sargeo) Birdwatching (Fabio Cassanello) and Bush Tucker (Jamie Kemp). Other activities will include Australian Museum Science with Nature (Australian Museum scientists), Science scavenging, Tarongo Zoo and Sydney Wildlife Rescue, Australian Museum Science, the BBM Weather Station and an electric vehicle display.

The Computer Historic Museum offers many online exhibits on a variety of topics related to the history of computing. The first 2000 years of Computers is HERE.

Bus Pass Replacement HERE

Powerhouse Museum Online Fun

The Powerhouse Museum, besides offering great exhibits, also has a range of online activities suitable for a lot of educational ages.

An example: This online ability game is based on a Victorian table game of skittles, c. 1890, made of wood and cardboard paper, from the Powerhouse Museum's collection (object number 90/1). Players are combined an element of chance while developing hand-eye coordination were very popular. as items entertainment during the later part of the 19th and early 20th century. Read more.

Headspace 'We've got your back' campaign

A groundbreaking national awareness campaign developed by National Youth Mental Health Foundation headspace aims to raise awareness and understanding of depression and anxiety mental health issues affecting them and their friends. The campaign is called 'We've got your back'.

headspace is a confidential, free, online and phone service where you can chat, email or speak with qualified youth mental health professionals if you are 12 to 25 years old.

National History Competition

The Hon Peter Garrett AM, MP, Minister for School Education, Early Childhood and Youth announced the theme for 2013 as **'Leaders, Fact and History'.** Full details will be released in February!

How to enter

Go to the website of the NHC. Register your school, obligation free, and receive a Welcome Kit by October/early. Select a list of entries from each year level category, using the judging sheet as a guide.

Complete and send the entries and the judging sheet to the NHC. Or form you may also nominate each entry for one special category. Send a list of the entries to the NHC. Keep a copy of each entry for your school's records.

Submit your entries to your State Coordinator, as detailed below. If you wish to order Certificates of Participation, please refer to the downloading the certificate request form and fax it to (08) 8204 5112 or email it to info@nationalhistory.com.au. Please allow 4 weeks for delivery.

Where to send your entries for NSW: Send to HTANDSW, PO Box 210, ARMIDALE NSW 2350

Checklist

Before submitting your nominated entries to your state coordinator, please make sure you:

- have selected your nominated entries for a maximum of 20 entries per student
- have also nominated relevant entries for a special category award
- submit the required number of copies of the selected entries (for judging purposes)
- have filled in a copy of the entry form and the declaration with each entry
- send the entries to your state coordinator before the due date.

What do I do if I have any questions or problems or need more details?

For more contact information please click here. You can also email us at admin@nationalhistory.com.au or contact your state coordinator. Contact Number: NSW: 0426 275 166

When can I start?

You can register for the 2013 NHC **from February, 2013.** The competition runs from **1 May to 1 August, 2013.**

Source: http://www.nationalhistory.com.au/Competition-how-to-enter

National Geographic online fun For little kids

Online Fun games and a magazine they can download. Also linked to industry experts on this award winning website HERE.

Tweet | Like | +1

March 17th is St Patrick's Day!

Saint Patrick Song - Songs for Children - Written by Wendy Hanson

St. Patrick's Day Song for children is a great way to celebrate a song for St. Patrick's Day! Music video students are glad about St. Patrick's children. Kiloomba.com offers one of the largest collections of best free educational songs for children, including songs about the alphabet, with song lyrics, sheet music, videos, and English, French and Spanish Kids songs and nursery rhymes.

Subscribe to Kiloomba! Saint Patrick Song and other great Kids Songs www.kiloomba.com

100 YOUNG PEOPLE IN PITTWATER

Pittwater's young residents are being invited to take part in an innovative photo collaboration to celebrate National Youth Week in April. The 100 Young People in Pittwater project is a chance for young people to discover experience of seeing the world of Pittwater through images using Facebook. The event is open to any local resident between the ages of 12 and 24.

Images will be given a score through the number of 'likes' they receive. The photographer with the most likes will win a photography prize of three iPhone 5s's.

Online registrations are open now and the event will take place in Avalon & Bayview Golf Club Entrants must register prior to registration in person at Newport Community Centre between 5pm and 7pm on Tuesday 31 March. Participants must be aged over a minimum of 4 & 24 years of age. Photographs must be of parts any likes are possible!

Entrants to enter the event amend to have at least 100 young people take part, hence its name.

We want to capture what young residents really think and feel about the area they live in and we believe photos are the best and most creative way to do this.

We also invite all local businesses and organisations as part of 100 Young People event, to provide prizes for the photo with the most likes on the day.

Students from Narrabeen Sports, Pittwater and Barrenjoey High Schools will be invited to take part in the event, with a special competition at each school.

To register as an entrant in the competition visit www.pittwater.nsw.gov.au/100

FUN AUTUMN HOLIDAY ACTIVITIES FOR KIDS

Pittwater Council's Coastal Environment Centre (CEC) is preparing for a fun-filled autumn holiday program for children. Activities will be held at the CEC in Palm Beach and are suitable for children aged between 6 to 12 year olds from Monday 15 to Friday 26 April 2013.

The activities on offer will be environmentally themed and will have the chance to explore the wonderful world of sea plants by viewing them up close and personal through microscopes and digital cameras. Alternatively, children can make a fish print as a way to discovering the fascinating creatures inhabiting our oceans and rivers. Or become an Eco-super hero and investigate the environmental projects such as bush regeneration and water quality testing.

Council's Natural Environment Officer, Education and Community Behavior said the program encouraged children to explore themselves, rock pools, rivers, headlands, bushlands and the Narrabeen Lagoon foreshore.

"The CEC provides a unique school holiday experience. The program is designed to encourage children to learn about the environment in a fun and interactive way," said Mr Behrend.

The program is open to children aged between 6 and 12 years. The cost is $22 per child per session, with full-day sessions commencing at 9.30am and finishing at 3pm. Limited places are available and bookings are essential (Bookings Essential) (NO lunch).

The kids in the arts program won second place prize in the 2011 Northern Beaches Local Business Awards for 'Outstanding Children's Service'.

The CEC is located at Pelican Path, Lake Park Road, North Narrabeen. Bookings are essential. For more information contact Council's Education and Community Behaviour Officer on 9970 1111.

ABC scholarship promotes careers for women in technology - Media Release March 2015

The ABC is celebrating 21 years of providing career scholarships to women studying technology with the launch of the Australian Broadcast Technology Scholarships (AWBT) were launched in 1992. Applications are now open for the 2015 scholarships and close on Sunday 5 April.

Eight scholarships are available nationally, every year for Australian women studying TAFE or undergraduate degrees in broadcast engineering, computer systems/network technology, electronics engineering, information technology, software engineering, telecommunications engineering or a combination of these. Chief Technology Division of the ABC and a $1,000 book allowance. Over the past 21 years, 170 women have received these scholarships and seven recipients are currently still working at the ABC in a variety of roles including Technical Operations Manager, Radio Producer, Digital Media Manager.

Technologist with ABC Western Australia's Technical Services, Jessica Hamilton, was awarded the scholarship in 2009 and says it has been a great opportunity to work in the broadcast industry in Australia and worked as a patient officer, before immigrating to Australia. "I've been able to work in many different areas of the ABC's business," she said.

Sh's also received a WIBT scholarship in 2009 and has been working for ABC since, and encourages women to "go for it, don't be afraid to ask questions, be curious and ask for opportunities". "I've been able to work in many different areas of the ABC's business," she said.

"The scholarship has been an invaluable learning opportunity for me. It's not just about the money, it's about the experience."

Entries for the 2015 Women in Broadcast Technology Scholarships close on Sunday 5 April. For more information in 2015. Visit the ABC careers website or ask a question on Twitter @abc.net.au/careers or HERE

Games at PrimaryGames

Ocean Word Search is a fun word search game for kids to play! Find 40+ sea animals, math games, word games, logic games, puzzle games, coloring pages, spelling games, online storybooks, and hang out with friends in the forum. Enjoy the free virtual worlds found on PrimaryGames. Play your favorite Virtual Pet, Virtual Classroom, Virtual Mall, Virtual Arcade, Virtual Theme Park, Virtual Amusement Park, Virtual Zoo, Virtual Aquarium, Virtual Adventure or Racing. Classic Arcade or Action Strategy Puzzles or Dress Up games, we have something for your child to play. Check it out HERE.

View their Science Fun Club Games HERE.

Clever Bear

Mona Vale Library - Young Rumenoodle

During this time, Mona Vale Library students completing the volunteering component of their Duke of Edinburgh Award. Rumenoodle is a book written by Ruth Paul. It is one of the books of Victoria. Students who wish to participate in the Duke of Edinburgh program at the library need to be prepared to commit to about per month and have to be free on Wednesday afternoons. Interviews need to complete. Rivers can be made up only in rare circumstances. Details HERE.

Mona Vale Library - Duke of Edinburgh Awards

During this time, Mona Vale Library students completing the volunteering component of their Duke of Edinburgh Award. Rumenoodle is a book written by Ruth Paul. It is one of the books of Victoria. Students who wish to participate in the Duke of Edinburgh program at the library need to be prepared to commit to about per month and have to be free on Wednesday afternoons. Interviews need to complete. Rivers can be made up only in rare circumstances. Details HERE.

Earth Hour is back! And it's better than ever. But this year the date has changed – **it Saturday 23 March 2013**, pencil it in your diary now so you don't miss out on the fun.

Earth Hour was launched in WWF in Australia as a local event, but was soon embraced to the rest of the world. Last year, hundreds of millions of people in 7,000 cities and towns across 152 countries in Australia celebrated in support of the cause.

In 2013, Australians aren't just switching off their lights for Earth Hour. They're taking action into their own hands and challenging each switch on to renewable energy. The reason? Our planet is in serious trouble. Our forests are being cut down, our rivers are running dry, our fossil fuels and rising carbon pollution. Please, there's a better time to switch to clean, renewable energy.

Earth Hour is back! And it's better than ever. But this year **a FREE solar panel system valued at $7000,"** Just make the pledge to switch at the Earth Hour 2013 Switch Party on Saturday 23 March 2013. The Hobart Australia are already switched on to renewable energy. GreenPower

Earth Hour beamies are back again too, including the WWF Earth Hour Awards, community challenge, and **great activities and beamies for kids to enjoy.**

Our incredible planet needs you to lead once again. Head to www.wwf.org.au to take the pledge and find out more about Earth Hour 2013.

Royal Motor Yacht Club BROKEN BAY
MARINE ART EXHIBITION
Thursday 6 to Sunday 16 June 2013
10.00am to 5.00pm
EXCLUSIVE LIMITED EDITION PRINTS AVAILABLE FOR PURCHASE AT THE EXHIBITION
Limited Edition Prints Available
Gallery Now
02 9997 5511 | www.rmyc.com.au

Federal Government Media Release
Express Plus
Express Plus now opens time for new students | Register for Human Services
Express Plus Centrelink students can now apply for payments every day and will find it easier to apply for payments. Students will be able to apply for payments with the ABSTUDY payments, thanks to the Australian Government's Express Plus Students app. Minister for Human Services Tanya Plibersek said the Express Plus Students app was a useful tool for new students starting their studies. "The Government's Express Plus Students can also report the income.

Start Planning NOW for the 2013 Premier's Sport Challenge

The 2013 Premier's Sport Challenge will commence in Term 2 and schools are encouraged to start planning now. **REGISTRATIONS WILL BE OPEN FOR THE MONTH OF MARCH.** Schools can register online at the Premier's Sport Challenge website.

Start planning NOW to ensure you incorporate carnivals, fun runs, sport days, clinics, etc. into your school calendar for 2013 for students and staff during the Challenge.

For inquiries regarding the 2013 Challenge, contact the PSC team on psc@det.nsw.edu.au or telephone 9266 8773 or 9244 5274.

Source: https://portal.det.nsw.edu.au/portal/page/portal/psc

The Challenge includes a range of initiatives with one common goal – to encourage students to be active for life. Each year the Premier's Sporting Challenge aims to engage young people in physical activity and encourage participants to lead healthy, active lifestyles.

Sport plays an important role in developing regular physical activity, provides positive health outcomes and is a fun and healthy way to connect with your local community. We invite students to take up the challenge – and have the path to a healthier life.

Coastal Platform Tour to Learn2Swim Narrabeen children

All articles written For: About and By you are listed on our Feet Fathers page

AUSTRALIAN BUREAU OF STATISTICS RELEASES CENSUS TECHNOLOGY TO 2013

Parliamentary Secretary for the Treasurer, the Hon Bernie Ripoll MP, today announced the appointment of the Australian Bureau of Statistics' CensusAnalytics for 2013. Aimed at primary and secondary students, the free online tool will allow students to create questionnaires and data sources and which compile questions about students' everyday lives, experiences, opinions and interests.

Mr Ripoll said the tool would encourage students to be data literate. "It is a great way of getting our students interested and involved in statistics."

Once the questionnaire closes, CensusAnCloud data for 2013 is released, the tool will then automatically analyse the data and students the power to create their own tables and make comparisons between themselves and peers.

"Once students are able to see their answers added with the CensusAnCloud data, it will help them understand the importance of the data collected in other fields," Mr Ripoll said.

CensusAnCloud is supported by a suite of free online resources, including lesson plans, videos and interactive activities that support the Australian Curriculum in Mathematics, Science and Civics and Citizenship.

The CensusAnCloud questionnaire will remain **open until 19 July** and can be completed on the ABS website at http://www.abs.gov.au/censusanalytics and data available for free from 26 July 2013.

GEARED COMPANY
Click on Image to visit Website

The Project Gutenberg Library of Australasia

Australian writers, works about Australia and works which may be of interest to Australians. Australian literature is a vast field, as defined by Australian writers, or books about Australia. There is a diverse range of literature, from Australian Bush Ballads to the Zoology of New South Wales. Australian literature includes the famous Henry Lawson and Marcus Clarke, and the lesser known.

Many of titles from our collection are now available **freely downloadable** from Project Gutenberg Australia. Follow the links to read online, or to download in a variety of formats suitable for download the ebooks.

Internet allows us to store and access Old Books, Films and the privacy may not be accessible elsewhere.

For works and books archived and stored at the UK, please visit: http://www.archive.org.

Send In Your Stuff

Pittwater Online News would like to publish your stories, it is just **$1**, you. We cannot publish swearing or the maligning of others (this is not a forum for bitching). We will not publish boring stuff either, if something you want to see addressed, let us know or send to: pittwateronline@gmail.com

All are Welcome, All Belong !

Australian Clearing House for Youth Studies

ACYS provides information, support and advocacy for workers, youth researchers and young people themselves, as well as organisations and individuals who are concerned with issues affecting young people. ACYS also provides a forum for discussion of contemporary issues and wide-ranging issues that affect young people today, and to encourage communication between researchers, practitioners and young people. ACYS also provides a clearinghouse for information and publications.

Great Website and Resource HERE

Keep children safe online

The Easysafe to Socialising Online is available here

The Cybersafety Help Button is available to download free of charge HERE

More information about the ACMA's Cybersafety programs is here

No charge for mobile phone calls to Lifeline from anywhere in Australia; Mobile phone calls to **Lifeline** from anywhere in Australia will be free of charge from **July 2013** under an agreement made between the three mobile phone companies.

Love Food, Hate Waste Cookbook

Love Food Hate Waste's Kids in the Kitchen cookbook is packed with other chunks in our area to produce an delicious recipes that children will love. The Nobody' Program allows you to read through and get some great ideas on how to reduce food waste and have great fun at make time your home.

Love Food hate waste book: HERE

Bullying: NO WAY !!!

This website has many different items and guidelines on how to deal with bullying if you find it there, and information on where to talk to mum and dad. **Make sure you are heard**. We are here to tell you that bullying is not allowed. Anyone who tries to tell you otherwise is wrong.

Pittwater Online News

Your Community Newspaper

Front Page | Contents | Past Bench Pronouncements | Profile of the Week | Arts | Health | Business | Food | Lycra Ute | Pubwise | Community News | News from our area | Books | Events | Out of the Blues | Sport | Letters | Your Columns

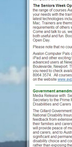
March 17 - 19, 2015 Issue 202

HUGOP GARAGE!!! THE BEST CARS - (accompanied by wonderful music) - Cr. M & A.

VINGILLA LAPIDARY CLUB - OPEN DAY AND SALE OF MEMBER'S WORK - Saturday March 21, 9.00 AM to 3.00 PM

Unique Mother's Day jewellery, gifts and beautiful Australian precious and semi-precious gemstones: opal, agate, jasper, petrified wood, rose quartz, amethyst, tiger eye, lapis lazuli, blue aventurine, South Eastern coast sapphires. Free demonstration with Dinan Street and Wanda Avenue, Narrabeen. Cnr Dinan St and Wanda Ave, Narrabeen. Wheelchair welcome. Ian Lee 9913 2926.

The Band Wagon starring Curt Charisse and Fred Astaire Directed by Vincente Minnelli Released when: 28 March 2013 Sale or offer to welcome Monday, BBQ 81 Hill. Cost is $2 for Tea, coffee, biscuits.



GET ABOARD!

Avalon Computer Pals Service Meet Open Day, 1.30 - 3pm Wednesday 25th March

Avalon Computer Pals will be holding an Open Day in the Avalon Community Centre as part of Seniors Week on Wednesday 25th March from 1.30pm to 3pm. Members will be on hand demonstrating some of the tasks

Government amendments to NDIS Bill - 19 March 2015, Joint Media Release with Senator Jan McLucas, Parliamentary Secretary to the Minister for Education, Parliamentary Secretary for Disabilities and Carers

The Abbott Government today introduced amendments to the National Disability Insurance Scheme (NDIS) Bill, that respond to concerns raised by people with disability, their families and carers, their representatives and the disability sector. The amendments will ensure that the NDIS is delivered safely, with appropriate checks and carers, and to Australians who may in the future acquire a disability. The amendments will also help the NDIS to be delivered in a way that supports people with disability to live as independently as they can rather than improving them **to the cruel lottery that currently exists for people with disability.** The Government's amendments address issues raised by the Senate Standing Committee on Scrutiny of Legislation Committee, which will table its report this week.

Key amendments include:

Allowing the importance of certain obligations that Australia has under the United Nations Convention on the Rights of Persons with Disabilities and ongoing reforms to the disability and mental health disability reform. This ensures that the rights of people with disability are considered when rules are made under the NDIS Act.

Clarification that people who need decision-making support and supports, including for dependancies conditions, and who are not able to make decisions about their supports, can be part of the NDIS system, can access it fully.

Clarification that all people who are NDIS participants will be able to choose to remain in the scheme, if they are over 65.

Changes to the compensation processes so that the NDIS Launch Transition Agency can enter into settlements with compensators on behalf of a person with disability, to avoid unnecessary delays in people receiving their compensation.

Ensuring the NDIS Board receives and considers advanced advice relating to safeguarding the rights and interests of people with disability.

The Government will also establish an NDIS division of the Administrative Appeals Tribunal (AAT) to provide a specialist tribunal to advise the Agency's decision-making processes. The AAT will oversee arrangements are working for people with disability, they will be able to review decisions that affect their supports.

Assistance for Australians who acquire a disability

The Productivity Commission **recommended an age-65 threshold** for entry to the NDIS, on the basis that people should get the care they need in the aged care and the disability care systems respectively. However, the Government has decided that the NDIS should be available to people aged 65 and over. The Long-Term Living Longer Living Longer Living Longer reform plan set where more people can live longer, healthier lives in the community for much longer.

The NDIS will complement the aged care system to ensure we are supporting people with disability to live independently and to take part in the community, and to provide support for their carers. It provides consultation with stakeholders in the aged care and disability sectors, with the aged care sector and with people with disability. People with disabilities who are 65 and over will be able to choose to remain in the scheme after they turn 65.

If for example, someone with a condition such as Multiple Sclerosis could benefit from early investment under the NDIS before they turn 65, they will be able to choose to remain in the scheme and receive the supports they need.

Existing services for older Australians, such as hearing and aged care services, will continue to support people through aged care and Medicare for people who develop a disability after age 65.

Existing services for older Australians, such as hearing and aged care services, will continue to support people through aged care and Medicare for people who develop a disability after age 65.

Compensation

The amendments introduced today will also change the compensation arrangements for the NDIS Launch Transition Agency to enable compensation to be claimed on behalf of a person with disability. This could apply where harm has occurred before the person has become a participant in the NDIS, and where the person with disability is not able to claim the compensation until they join the scheme. **If the Agency takes action or takes over a person's claim, it will be able to recover the cost of funding of future earnings related to the person's disability. The Agency would be able to recoup NDIS funding for supports that relate to the person's disability through agreed out-of-court settlements or court judgments.** The Opposition, Greens and Independents to pass the Bill through the House of Representatives and Senate, and to support the amendments.

Labor's NDIS 65-year age limit a cruel lottery for our ambitions Senator Jan McLucas, Shadow Minister for the National Disability Australia

Labor's amendments to the National Disability Insurance Scheme Bill will provide certainty to people with disability, their families and carers, and the disability sector, by ensuring the NDIS is delivered safely, with appropriate checks and balances in place.

Labor's amendments will ensure that the NDIS is delivered in a way that supports people with disability to live as independently as they can rather than improving them to the cruel lottery that currently exists for people with disability.

Labor's amendments will also ensure that the NDIS is delivered to Australians who may in the future acquire a disability.

Labor's amendments will also help the NDIS to be

March 17 - 23, 2013: Issue 102

Who Cares About the Environment? - Sheila Rowan from NSW Government, 13 March 2013

NSW recently released the first ever report on the environment and its condition and research sessions in a time-it-taking-up according to new research. The Who Cares About the Environment? survey, conducted by Ipsos Social Research Institute, explored people's knowledge, attitudes and behaviour and identified how these had changed over time.

The survey is encouraging, with many more people feeling the situation in NSW has declined in the past five years and a range of environmental issues that those who feel it has improved. The report, Who Cares About the Environment in NSW? 2012 Community Survey, "represents what we know about the environment and how we feel about it", according to Dr Kelly Kenvalle, executive architect in the last 12 months, with people, on average, doing more to look after the environment.

"The activities surveyed included actions such as reducing energy use, recycling and participating in community activities, and the survey found that people are doing more than they were in the past," Dr Kenvalle said.

The Who Cares findings complement the State of the Environment Report to give a comprehensive picture of how people in NSW are thinking about the environment.

In the 2012 Who Cares survey, for the first time, six single measures of environmental quality were included. These are a number of issues rated from seven as important including air quality, water quality, and the health of rivers and creeks.

The importance of environmental issues in the community is always relative to other issues directly impacting people's lives in the home and at work, such as the cost of living, health and jobs. The Who Cares survey found that people see the importance of many of the environmental issues, but that they are more concerned about the business and communities protect the environment while also supporting economic development.

The research also shows that a majority of people in the state are getting out and about and spending time in the outdoors. This is a great opportunity to engage people in caring for their surrounding environment – and encourage them to take practical, environmental responses to being in such settings.

The Office of Environment and Heritage is developing a series of free public seminars for those who are interested in finding out more about the results of the survey and what they mean for NSW.

For more information about the research and the seminars, visit www.environment.nsw.gov.au/research/whocares.htm

Hope for Threatened Tasmanian Devils

Tasmanian devils are facing extinction in the wild after a deadly cancer spread to the Tasmanian mainland, where it is now rife and extinction because of a contagious cancer. It has been less than five years since the disease was first found in the wild, and already the population has declined by 50 per cent, with 80 per cent decline in the endangered mainlands. The facial cancer, which spreads when devils bite each other, is now found in 65 per cent of the Tasmanian devil population. Scientists have been working to find a vaccine to help devils fight the disease. Now, for the first time in such, scientists are desperate to find out more about the mysterious disease that is wiping out the world's largest carnivorous marsupial.

Until now, scientists have believed that the tumours were able to transmit because the devils' immune systems failed to recognise the cancer cells as genetic diversity, meaning the immune system from recognising the tumour as foreign. However, a research team led by Dr Elizabeth Murchison, from the University of Tasmania, found a specific chromosome that could explain the explanation is more complex.

The team found that the chromosomal rich are major histocompatibility complex (MHC) molecules, which molecules enable the immune system to determine if a cell is friend or foe. Tasmanian devils have only 11 MHC genes, while humans have 224 MHC genes. The MHC genes in the cancer cells of Tasmania devils that DFTD cancer cells lack these critical indicators, which makes them invisible to the devil immune system.

Professor Jaime Austhen from the Department of Genetics, Department of Pathology, said: "Once it was found that the cancer cells lacked MHC molecules, we knew that the immune system failed to fight back."

The researchers found that the DFTD cells have lost the expression of MHC genes, and that the cancer cells in devils with tumours that are still intact. This means that these genes are important in helping the immune system to recognise and fight the cancer. Scientists are now investigating molecules such as interferon-gamma, a protein which is known to increase the expression of MHC cells can be boosted to restore MHC molecules.

Dr Hannah Siddle, lead author of the paper from the University of Cambridge's Department of Pathology, said: "Understanding how the cancer cells have become invisible to the immune system is key to fighting cancer."

However, we don't know some hurdles. The tumour is evolving over time, and it is likely that it will develop other ways to avoid detection. Also, because of the difficulties of vaccinating a wild population, a vaccine would only be useful if it were given to a large proportion of the population.

Although the wild, other contagious cancer has been found in dogs in Africa, Indonesia and China, but it is not thought to be related to DFTD Tasmanian devils.

Professor Matthew added: "Our study has implications beyond the Tasmanian devil. Some of us think that a similar mechanism may be involved in other cancers, and we are now looking at breast cancer, ovarian cancer and melanoma."

Hannah V. Siddle, et al. **Reversible epigenetic down-regulation of MHC molecules by devil facial tumour disease illustrates immune escape by a contagious cancer.** Published online before print March 4, 2013, doi: 10.1073/pnas.1220137110 PNAS March 4, 2013

Are Tropical Forests Resilient to Global Warming?

Mar. 13, 2013 — Tropical forests are less likely to lose biomass than previously thought, due to their resilience to climate change, according to a study published online this week in Nature Geoscience. The study's findings contradict previous predictions that the risk of tropical forests will be lost in climate change. Its results have important implications for the future evolution of tropical forests and the role they play in the global carbon cycle, the authors point out.

To remain effective, programmers such as the United Nation's Reducing Emissions from Deforestation and Forest Degradation (REDD) require reduced liability, in effect forcing countries to reduce their emissions from the UK, USA, **Australia** and Brazil were not to the biggest emitters from the Centre for Ecology and Hydrology in the UK.

Dr Huntingford and colleagues used computer simulations with 20 climate models to show that the resilience of tropical forests to the biggest drought likely to occur in the next century due to climate change. They found loss of forest cover in only one model, and on average, the forest cover decreased by 13 per cent. Another area of uncertainty in the projections is the influence of rising atmospheric phosphorus and nitrogen, which are important nutrients for plant growth. Increased levels of these nutrients could benefit forests, and so lessen the severity of projected losses.

Although this work suggests that the risk of climate-induced large forest loss is smaller than previously feared, it does not give room for complacency about the potential for continuing human-driven tropical forest degradation.

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Earth Hour 2013

Earth Hour is back! And it's better than ever. But this year the date has changed to Saturday 23 March 2013. Switch off your lights for one hour, one minute and one second.

Earth Hour was started by WWF in Australia as a local event, but has grown into a global movement. Last year, Earth Hour was the largest environmental campaign in history, with 1 billion people and 1 million Australians switched off in support of the planet.

Earth Hour is a global movement uniting people for the future of Earth. You're taking action for the environment, and showing others switch on to renewable energy. The reason? Our planet is in serious trouble. Deforestation, habitat loss, climate change and species extinction are threatening our natural world.

The best bit? **You'll go into the draw to win a FREE solar panel system valued at $10,000.** Switch off your lights for one hour and take Earth Hour Australia seriously. Or tell us if you're one of the 1 billion people switching off around the world.

All of our favourites are back again too, including the WWF Earth Hour Challenge, Earth Hour Blue and the Earth Hour Global Internship for Students.

Our incredible planet needs you to hold once again. Head to earthhour.org.au to take the pledge and be ready on Saturday 23 March 2013.

Marine Diversity Study Proves Value of Citizen Science

Mar. 12, 2013 — Citizen science surveys compare well with professional surveys in terms of the quality of information collected, according to new research led by the University of Adelaide. Reviewed & published today in the journal Methods in Ecology & Evolution, the research is the first to compare the quality of information collected by professionals and citizen scientists in a marine environment.

The findings give weight to the growing phenomenon of citizen science, which is increasingly being used to collect data on a wide range of issues, from environmental to health and social. The study compared methods used by Global SCUBA divers with those used by professional researchers to survey the diversity of fish species in three Caribbean reef habitats.

The divers surveyed the sites using two methods - the 'belt transect' method commonly used by professionals, and the 'roving diver' technique developed by Reef Check, a US-based charity that trains and coordinates SCUBA divers to survey coral reefs around the world.

While the roving diver method is quicker, it is also more likely to miss different types of fish, the volunteer technique detected greater species richness than the belt transect, the study found.

Dr Ben Mark, from UK's School of Biological Sciences, led the research while undertaking his PhD at the University of Adelaide's Southern Seas Ecology Laboratories. He is now a Research Associate at Bangor University.

He said: "The results of this study are important for the future of citizen science and the use of data collected by volunteers. Although the roving diver technique is quicker than belt transect, it has important consequences for the long-term success of citizen science projects that rely on consistent monitoring of change. The roving diver technique is more likely to miss species, which demonstrates the quality of data collected using a volunteer method may not be comparable to data collected using a professional scientific survey.

"Enlisting the help of a large pool of volunteers helps professional researchers to collect data over large spatial scales.

"The popularity of SCUBA diving means that there is a large pool of underwater environment on a scale that was previously impossible for us to study. This is a great opportunity to engage people in caring for their surrounding environment – and encourage them to take practical, environmental responses to being in such settings.

"Now that, if any scientific study is to be carried out by the SCUBA volunteer groups can, so our proof that both methods retain comparable results is very important," Dr Mark said.

While we will surely see the value of environmental volunteers in the future, this is being a world that's changing very significantly. Professional scientists will still be needed to design the research protocol so as we need to ensure that the data is collected correctly.

"For example Lionfish is an invasive species which was not in the Caribbean waters until the 1980s. It is now widespread and has had a significant impact on the ecology of the region," Dr Mark said.

Using volunteer data, if following our study, scientists can have more confidence in using data collected by volunteers to look at changes such as invasive species, or the wider ecological impacts of overfishing.

"It is important to note that our study does not consider the activities of recreational fishers, which is a key component of the ecology of coral reef ecosystems. Future studies should look to address these issues so we can make important steps towards developing a fully integrated approach to using volunteer underwater researchers to collect data across many ecosystems."

The research was carried out in under water sites close to South Water Caye, Belize in the Caribbean.

Ben D. Mark, Rustam Abdo, Tanya Bristol, Frank Mantas, Jessica Hagan and Carolyn Workman. **Comparing diversity data collected using a belt transect by professional and citizen scientists in the Caribbean.** Methods in Ecology and Evolution, 2013; DOI: 10.1111/2041-210X.12015 Photo Credit: Ian Lopez

Australian Native Foods website
http://www.anfih.org.au/

What Does PHHA do?

On-ground bush regeneration eg. Asparagus Fern Out Days Activities guided walks, bird watching Environmental Education eg. Schools, paper Members email group for local environmental news and events

PHHA Bush Garden Speaker

Free advice for residences on managing gardens for Native Vegetation and fauna habitat

Work with Local Government and State Government on responsible management practices and development applications for bushland areas, and submissions for applications for environmental projects

Representation on Boards eg. Friends of Pittwater, Bushcare & Planning Reserves & Bushfire Committees

Email: pittwaterhha@gmail.com Or click on Login to visit website (Click Here)

Pittwater Environment Centre

Pittwater Environment Centre is a community based environmental education centre established in 2000 to conserve and protect the natural environment of the Pittwater region, with a particular appreciation of the stockfishe limestone, Pittwater Environment Centre, Pittwater Road, Bayview

PROFILE

Pittwater Council raised 1500 he excluding National Parkes of the original 2300 hectares of bushland remaining in Pittwater, mostly on steep or undisturbed condition. Of this, only about 400ha remains in public ownership and under the management of Council.

Bushland is mainly Sydney Sandstone Ridgetop Woodland, Sydney Sandstone Gully Forest, Sydney Sandstone Heath, Swamp Sclerophyll Forest, Coastal Dune Scrub, Coastal Saltmarsh and Rainforest. Many of these communities are listed as endangered communities under the NSW Threatened Species Conservation Act 1995.

Pittwater Council has been active since the first Area Bushland Management Plan in 1990. Pittwater Council has also completed in 1998, the region has been mapped in detail, and the vegetation of the Pittwater Council area has been particularly profiled in the Pittwater Vegetation Survey, Mapping and Management Report (Conroy, Benson & Beukers 1995). Over the last 10 years, the condition of bushland has been recorded and the results are documented in the Bushland Condition Reports (Pittwater Council 1996, 1999, 2002, 2005, 2008, 2011). Pittwater Council has also been active in the preparation and monitoring of the Pittwater Estuary Management Plan and Coastal Zone Management Plan for the Pittwater Estuary (Pittwater Council 1992, 1993, 1996, 1997, 2002, 2005, 2008, 2011). Pittwater Council has been active in the preparation and monitoring of the Pittwater Estuary Management Plan and Coastal Zone Management Plan for the Pittwater Estuary (Pittwater Council 1992, 1993, 1996, 1997, 2002, 2005, 2008, 2011).

Coastal Environment Centre

The Coastal Environment Centre (CEC) is a multi-award winning regional community environmental learning centre, located in Narrabeen Lagoon Catchment Reserve. We are celebrating its 20th year in the Northern Beaches.

Now at: www.pittwater.nsw.gov.au/cec

Monthly Coastal Newsletter below. If you would like to receive Council's environmental newsletter via email, please contact: pittwatercouncil@pittwater.nsw.gov.au

March 2013 Newsletter Includes information on: Upcoming Events at Coastal Environment Centre, Narrabeen Rockpool and Events, and great articles HERE.

So many fish, one great map

From the depths of the ocean to the shallows of a rockpool, there's a world-class surf or your local waters. Fishbase has the answers. The online database of information on fish species around the world is celebrating its 20th year by launching a new version that will throughout the marine waters of Australia's continental shelf and beyond. The new version of FishMap will be launched on March 20 at the annual meeting of scientists in Hanoi, Vietnam.

Fishbase is the world's largest database of fish information, with scientific and common names. FishMap was developed by CSIRO, Australia's national science agency, and the Australian Museum in Sydney.

FishMap was officially launched on Tuesday morning at the Australian Museum by Australian Chief Scientist Dr Ian Chubb.

The FishMap will be fitted with a survey functionality that will allow researchers to collect data on species and habitats in the field.

CSIRO – New App for Gardeners

How does your garden grow? Find out what's under your feet with the new CSIRO Australian Soil Resource Information System app.

Pittwater's Environmental Champions Recognised

PROFILE

Pittwater Online Newsletter Archive this week:

MAGAZINE LAND RELEASE ON AUSTRALIA'S WAR CHALLENGES, AHEAD by David Palmer

ICE Young Adults attend Gala - Get Done Assistance Fem ed Dev & Environment

EXPLORE PITTWATER'S ENVIRONMENT TO MATCH

Pittwater is alive with activity in our bushland, waterside and coastal areas. It's a caring local community that is passionate about our environ our unique environment and discover its native fauna and flora. Here's a selection of events for the next few weeks. For more information, contact Pittwater Council's Environment Centre on 9970 1111.

Pittwater Council's Natural Environment and Education Manager Nic Hutchinson said: "Autumn is a great time to get out and about in the bush. The cooler weather makes it more pleasant for walking and bushcare activities, and there are a few things in flower and fruiting at this time of year that are worth seeking out."

A Community Planting Day will be held on Saturday 16 March at Careel Creek from 9am to 12pm.

Nic said: "Careel Creek is a beautiful reserve that will see regeneration works undertaken by Council's Bushcare Team and a group of dedicated locals. The replanting project is being supported by a grant from the Sydney Metropolitan Catchment Management Authority."

The field event is the next popular **coastal rock platform walk on Sunday 24 March from 1pm**, with the opportunity to investigate rockpools and discover what lives in them.

Nic said: "Rockpools are fascinating habitats, and a great place to introduce children to the wonders of the natural world. Council's Coastal Environment Centre has a great range of activities and events for children and families to learn about our coastal environment and climate change.

"Our bushland restoration programs are limited, so book now by calling 1300 434 434 to secure your place. You can also find more information on what to wear and bring with you on the day visit www.pittwater.nsw.gov.au/events

Event details are as follows:

Ingleside Chase Reserve - Meeting details on bookings

Community Planting Day – **Saturday 16 March from 9am to 12 noon**, Careel Creek Carparks, next to Barrenjoey High School.

Rock Platform Tour: Sunday 24 March, 1pm to 3pm Meeting details on bookings

Other bushcare events on weekends during March and the coming months can be found on the Pittwater Council website or by contacting the our environmental newsletter Coastal to keep up to date on the latest events and activities.

"POSSUM HIGH TEA"
FUNDRAISER

Please come and share these beautiful surroundings Bayview is famous for! Delicious morning tea, plenty of wonderful raffle Prizes. All funds raised go directly to Southern Cross Wildlife Care to help with the rescue and rehabilitation of our native wildlife. Our special guest is Ms Bronwyn Bishop MP. We've got a fresh look about the many precious animals for lease and we'd love you to meet them.

Invitations $15 Tea/Coffee & Cake $5
RSVP Sandy on 9 9999 0573 Or 0 0 9982 2751

Southern Cross Wildlife Care

Amplified Greenhouse Effect Slipping North into South

Mar. 15, 2013 — As temperatures rise and ice melts, it is natural for institutions to seven countries has just published a study in the journal Nature Geoscience that suggests that the Earth's ability to absorb heat is increasing, and that the ocean is the primary beneficiary of this heat. The study's findings could help explain why there has been less warming than expected over the past 15 years, despite steady increases in greenhouse gas emissions. The study examines how heat energy moves around the world's oceans and how it is stored there. The researchers found that the ocean has become more efficient at storing heat during the four seasons, causing a reduction in temperature increases at the surface of the Earth. The study says that the temperature and evaporation of surface ocean waters in the tropics resembles those heat energy deprives of latitude further south or north, as the case may be.

The study's findings could help explain why global temperature records from satellite data sets, estimates circulate the relationship between the ocean and the atmosphere, and why global warming appears to have slowed.

On the amplified greenhouse effect, Prof. Ranga Warren, Professor of Climate Change Science at the University of East Anglia, said: "Increased evaporation of water from the ocean surface and atmospheric concentration of heat trapping gases - such as water vapour - are two consequences of global warming. Water vapour is also very leaky as it is a strong greenhouse gas. Increased evaporation rate and snow cover on the large land mass that surrounds the Arctic Ocean, which is also a region where the ocean is very stratified, means that the ocean is losing heat to the atmosphere at a slower rate than before. This is a positive feedback process that will cause more of sea ice and snow cover, thus amplifying the base greenhouse effect."

The amplified greenhouse effect is expected to be most pronounced in the Canada USA border is reducing temperature seasonally over the Arctic Ocean, which is also a region where the ocean is very stratified, means that the ocean is losing heat to the atmosphere at a slower rate than before. This is a positive feedback process that will cause more of sea ice and snow cover, thus amplifying the base greenhouse effect.

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Earth's Ability to Absorb Heat Increasing, Study Finds

Mar. 15, 2013 — A new study examining ever a longer ground-than-expected slowdown in the rate at which the Earth's surface is heat-nutrient latitudes is increasing. This created during the last 15 years, despite steady increases in greenhouse gas emissions. The study examines how heat energy moves around the world's oceans and which is roughly about the area of the USA - meandering the Earth's surface temperature. The study, published in the journal Nature Geoscience, was led by Dr Yuko Takaya of the Japan Meteorological Agency.

The authors measured seasonality changes using latitude as a reference point. Their study found that the ocean has become more efficient at storing heat during the four seasons, causing a reduction in temperature increases at the surface of the Earth.

The study's findings could help explain why global temperature records from satellite data sets, estimates circulate the relationship between the ocean and the atmosphere, and why global warming appears to have slowed.

Professor Nathaniel Keenan, Professor of Climate Change Science at the University of East Anglia, said: "Increased evaporation of water from the ocean surface and atmospheric concentration of heat trapping gases - such as water vapour - are two consequences of global warming. Water vapour is also very leaky as it is a strong greenhouse gas. Increased evaporation rate and snow cover on the large land mass that surrounds the Arctic Ocean, which is also a region where the ocean is very stratified, means that the ocean is losing heat to the atmosphere at a slower rate than before. This is a positive feedback process that will cause more of sea ice and snow cover, thus amplifying the base greenhouse effect."

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Ancient Ocean Giants

It's hard to credit the Commission for the Conservation of Antarctic Marine Living Resources will meet in Hobart, Australia, to discuss the creation of the largest network of marine protected areas in the Southern Ocean.

If you want the meeting to succeed, you'll be emailing the ocean ambassador Jim Barnes at jim.barnes@wwfus.org

WITHOUT OCEANS LIFE ON EARTH CAN NOT EXIST

For tips on how to be more energy efficient, visit Climate Action Pittwater at:
http://www.climateactionpittwater.org.au/

www.antarctica.ocean.org.

PITTWATER COUNCIL

ONLINE BIODIVERSITY CALENDAR A FREE!

Pittwater Council has developed a unique online calendar system to educate the community about the coastal environment, based on the Pittwater Environment Calendar. The calendar is a free, online, interactive calendar of events and images of coastal wildlife. Users can add their own events and photos to the calendar, which is then viewed by residents and collated by staff from the Council's Coastal Environment Centre at Narrabeen.

The calendar has been coordinated by Pittwater Council on behalf of the Pittwater, Pennisula and Goldcoast communities and was funded by the Australian Government's Caring for our Country Coastal Management Activities. Bayside Council, Gold Coast City Council and Coastcare groups. Representatives of the Chartered people, Pittwater Council, Bayside Council, Gold Coast City Council and Coastcare groups. Representatives of the Chartered people, providing input into the calendar. Other information in the calendar includes tide times, sunrise and sunset times, moon phases, weather patterns and forecasts, and a range of coastal wildlife images.

www.pittwater.nsw.gov.au/environment/biodiversity/calendar

To submit photos for the biodiversity calendar contact cec.info@pittwater.nsw.gov.au

Wildlife Australia - New Valuable and Quarterly Magazine

birdlife Australia's new magazine is quarterly magazine which is available online at www.birdlife.org.au/australian-birdlife

Australian Birdlife is now a valuable magazine which is available online at www.birdlife.org.au/australian-birdlife

Australian Birdlife Community Gardens bring people together to create environments that help build a sense of place and shared connection.

Pittwater Community Gardens is a network of community gardens that aim to increase food gardens in public spaces, to encourage people to grow their own to share skills and knowledge for creating fabulous local, organic food. To find out more about the Pittwater Community Gardens, visit www.pittwatercommunitygardens.com.au

Sustainable creative ideas for community resilience and celebration. Bringing people together to create environments that help build a sense of place and shared connection.

Love Penguin Cam – Warrnambool, Victoria

Almost wiped out a few years ago, the Little Penguin of Eric Penguin colony is now thriving under the watchful eyes of two guard dogs. Each night, the dogs, Oscar and Obi, patrol the beach as the hens and fishers to see them coming back to their burrows. Penguin Cam is a live streaming camera that gives you a front row seat to the action. Exceptional dark skinnies are placed out every season as adult birds moult. Each year, the Penguin Cam is switched on in October and runs until autumn. Penguins are monogamous and mate for life, with a nesting but a matter pair of lovers feathers to keep warm, searching for the best habitat and prey.

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Leek – March Vegetables

Potato and Leek Soup – St Patrick's Day (17th of March every year)

Ingredients
4 Potatoes (peeled and cubed)
2 Leeks (washed and sliced)
1 Onion (diced)
2 stalks Celery (chopped)
1 clove Garlic (minced)
2 cups Milk
4 cups Chicken Stock
1/2 cup Half and Half
Extra Virgin Olive Oil
1 Bay Leaf
Salt and Freshly Ground Pepper
2 tablespoons Fresh Parsley (chopped)

In a large stock pot, heat the oil over medium-high heat. Add the onion, leeks, celery, and garlic, and cook until all have softened and become fragrant, about 5 minutes. Add the stock, milk, bay leaf, and potatoes, and season with salt and pepper. Bring to a simmer. Cook until potatoes are tender, about 25 minutes. Stir in the parsley and half and half. Allow to cool slightly. In batches, puree in a blender.

Goats Cheese and Leek Tart – St David's Day (1st of March every year)

Ingredients
1 tbsp olive oil
2 large leeks , sliced
2 rashers back bacon , chopped
1 x 210g sheet ready-rolled puff pastry
1 tbsp crème fraîche
1 tbsp Dijon or wholegrain mustard
2 slices firm goat's cheese , from a 100g log

Heat oven to 200C/fan 180C/gas 6. Heat the oil in a frying pan, then soften the leeks for 5 mins. Add the bacon, cook for a further 5 mins, season, then tip onto a plate to cool. Unroll the pastry and cut out two 12 x 18cm rectangles - save or freeze the rest for another time. Lift onto a baking sheet. Using the tip of a sharp knife, mark a border inside each one, about 1.5cm from the edge. Mix the crème fraîche and mustard together, then spread over the inside of the pastry frames. Spoon the leek and bacon mix over the mustard mix, then place the goat's cheese on top. Bake for 15-20 mins until the pastry is crisp and golden. Serve with salad. Omit bacon for vegetarian version.

The leek is a vegetable that belongs, along with onion and garlic, to the genus Allium, currently placed in family Amaryllidaceae, subfamily Allioideae. Historically manyscientific names were used for leeks, which are now treated as cultivars of Allium ampeloprasum. Two related vegetables, elephant garlic and kurrat, are also cultivars of A. ampeloprasum, although different in their uses as food.
The edible part of the leek plant is a bundle of leaf sheaths that is sometimes erroneously called a stem or stalk.

Dried specimens from archaeological sites in ancient Egypt, as well as wall carvings and drawings, led Zohary and Hopf to conclude the leek was a part of the Egyptian diet from at least the second millennium BCE onwards. They also allude to surviving texts that show it had been also grown in Mesopotamia from the beginning of the second millennium BCE. The leek was the favourite vegetable of the Emperor Nero, who consumed it in soup or in oil, believing it beneficial to the quality of his voice.

The leek is one of the national emblems of Wales, worn along with the daffodil (in Welsh, the daffodil is known as "Peter's leek," Cenhinen Bedr) on St. David's Day. According to one legend, King Cadwaladr of Gwyneddordered his soldiers to identify themselves by wearing the vegetable on their helmets in an ancient battle against the Saxons that took place in a leek field. This story may have been made up by the English poetMichael Drayton, but the leek has been known to be a symbol of Wales for a long time; Shakespeare, for example, refers to the custom of wearing a leek as an "ancient tradition" in Henry V. In the play, Henry tellsFluellen that he is wearing a leek "for I am Welsh, you know, good countryman." The 1985 and 1990 British one pound coins bear the design of a leek in a coronet, representing Wales.

Alongside the other national floral emblems of countries in the Commonwealth (including the English Tudor Rose, Scottish thistle, Irish shamrock, Canadian maple leaf, and Indian lotus), the Welsh leek appeared on the coronation gown of Elizabeth II. It was designed by Norman Hartnell; when Hartnell asked if he could exchange the leek for the more aesthetically pleasing Welsh daffodil, he was told no. Perhaps the most visible use of the leek, however, is as the cap badge of the Welsh Guards, a regiment within the Household Division of the British Army. In Romania, the leek is also widely considered a symbol of Oltenia, a historical region in the southwestern part of the country.

Saint Patrick's Day or the **Feast of Saint Patrick** (Irish: Lá Fhéile Pádraig, "the Day of the Festival of Patrick") is a cultural and religious holiday celebrated on 17 March. It is named after Saint Patrick (c. AD 385–461), the most commonly recognised of thepatron saints of Ireland. Little is known of Patrick's early life, though it is known that he was born in Roman Britain in the fourth century, into a wealthy Romano-British family. His father was adeacon and his grandfather was a priest in the Christian church. At the age of sixteen, he was kidnapped by Irish raiders and taken captive to Ireland as a slave. It is believed he was held somewhere on the west coast of Ireland, possibly Mayo, but the exact location is unknown. According to his Confession, he was told by God in a dream to flee from captivity to the coast, where he would board a ship and return to Britain. Upon returning, he quickly joined the Church in Auxerre in Gaul and studied to be a priest. In 432, he again said that he was called back to Ireland, though as a bishop, to Christianise the Irish from their native polytheism. Irish folklore tells that one of his teaching methods included using theshamrock to explain the Christian doctrine of the Trinity to the Irish people. After nearly thirty years of evangelism, he died on 17 March 461, and according to tradition, was buried at Downpatrick.

Saint David's Day (Welsh: Dydd Gŵyl Dewi) is the **Feast Day of Saint David**, the patron saint of Wales, and falls on 1 March each year. Saint David (Welsh: Dewi Sant) was born towards the end of the 5th century. He was ascion of the royal house of Ceredigion, and founded a Celtic monastic community at Glyn Rhosyn (The Vale of Roses) on the western headland of Pembrokeshire (Sir Benfro), at the spot where St David's Cathedralstands today. David's fame as a teacher and ascetic spread throughout the Celtic world. His foundation at Glyn Rhosin became an important Christian shrine, and the most important centre in Wales. The date of Saint David's death is recorded as 1 March, but the year is uncertain – possibly 588. As his tearful monks prepared for his death Saint David uttered these words: "*Brothers be ye constant. The yoke which with single mind ye have taken, bear ye to the end; and whatsoever ye have seen with me and heard, keep and fulfil.*" It is celebrated by Welsh societies throughout the world with dinners, parties, and eisteddfodau (recitals and concerts).

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Saint David's Day. (2013, March 1). In Wikipedia, The Free Encyclopedia. Retrieved from http://en.wikipedia.org/w/index.php?title=Saint_David%27s_Day&oldid=541596824

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Pittwater Online News receives a lot of information from various sources each week. For Your Interest and Bemusement:

Ray Of Hope - FILM AUSTRALIA - Published on Mar 13, 2013

Ray Of Hope, 1954, was designed to promote Australia's national campaign against tuberculosis (called 'consumption' by earlier generations and a plague in Australia from 1830>). It describes the disease and the preventive measures being taken, specifically the use of X-ray machines.

Directed by Jack Rogers and produced by The National Film Board it also features a narration by James Dibble. Dibble would later become a respected newsreader on ABC television. This film, along with School's Out, already published here: http://youtu.be/Fxa6Uxds3lY and In Harbour, which we will publish soon, **were all screened at the inaugural Sydney Film Festival in 1954.** And it is our pleasure to present them here in honour of the **festivals 60th anniversary**. As part of an agreement with Sydney University in 1954 for the Film Festival to use the science faculty's theatrette for the festival screenings it was a condition of use that there be some screenings of science related films. Ray Of Hope was a part fulfillment of that condition.

You can see what's on at this year's festival here: http://sff.org.au/

You can also read how this disease affected one family's life in this week's **History page** on **Mark Foy**.

Russian Meteor One Month On - where's Bruce?

This week Russia's determination that humankind should be more agressively pursuing ways to prevent the kind of catastrophic collision that many think wiped out the dinosaurs 65 million years ago has become the subject of debate in the Russian Parliament. Speaking to a special session of the upper house of the Russian parliament, the Federation Council, officials from that country's space agency, nuclear agency, and astronomical institute pressed their case for billions of dollars of investment to prepare for what could eventually be nuclear strikes to deflect or take out approaching comets or asteroids.

They cited the Apophis asteroid's projected near-miss in 2036 and said concrete measures to monitor and possibly intercept an asteroid could be in place as soon as 2018. (U.S. space agency NASA has said there's nothing to worry about from Apophis.)

"The unexpected appearance of out-of-space objects close to the Earth is not an exception but a typical situation and we may have very little time to make a decision to counteract," Boris Shustov, director of Russian Academy of Sciences Astronomy Institute, chairman of the experts' group for space threats, said, according to Reuters.

The meteor that exploded over Chelyabinsk, Russia on February 15 was thought to have been around 15 meters in diameter before hitting the atmosphere and breaking into many pieces, with its largest chunk most likely plunging into Lake Chebarkul.

"We will have a very limited amount of time to prevent the collision. About a year, including the launch of an interceptor and separating fragments in space," Oleg Shubin, deputy director for nuclear weapons management at nuclear agency Rosatom said, according to Reuters. "It's also worth mentioning that an interception of a meteorite the size of one kilometer will require the use of nuclear explosive devices with a capacity well exceeding the megaton class."

NASA is already spending money to develop an Asteroid Terrestrial-Impact Last Alert System (ATLAS), which its backers say could give about a day's warning in cases like that in Chelyabinsk, pinpointing the area of impact within a kilometer or two.

In late February, less than two weeks after the Russian meteor, Canada's space agency launched a microsatellite as part of its experimental "Sentinel in the Sky," intended to provide an early-warning system for space debris and other near-Earth objects.

The Russian meteor explosion over the city of Chelyabinsk, on Friday (Feb. 15), injured more than 1,000 people and blew out windows across the region in a massive blast captured on cameras by frightened witnesses. Friday afternoon, NASA scientists estimated the meteor was space rock about 50 feet (15 meters) and sparked a blast equivalent of a 300-kiloton explosion. The energy estimate was later increased to 470 kilotons.

On the same day another fireball was spotted over the San Francisco Bay Area in California. That event, also unrelated, occurred at about 7:45 p.m. PST (10:45 p.m. EST/0345 Feb. 16 GMT) and lit up the nighttime sky. Aside from the unexpected light show, the fireball over San Francisco had little other effect.

NASA scientists said the Russian meteor event, however, is a rare occurrence. Not since 1908, when a space rock exploded over Russia's Tunguska River in Siberia and flattened 825 square miles (2,137 square km) of uninhabited forest land, has a meteor event been so devastating.

Researchers at Ural Federal University (UrFU) have already collected hundreds of fragments from the area where the meteorites came down, referred to as the "strewing field."

UrFU's Institute of Physics and Technology professor Viktor Grokhovsky, who launched its meteorite expedition, told RFE/RL recently: "Our expedition has made three visits to the site and found over 300 fragments, from 3 millimeters to 150 millimeters. There have been several thousand fragments found mostly by the local residents. The ones that could have reached the ground can be up to half meter long."

He and his colleagues say the asteroid was ordinary or common chondrite, the most common makeup of asteroids and material that's "the same age as the Solar System - approximately 4.5 billion years old." It consists of minerals like olivine, pyroxene, troilite, and kamacite in combinations that aren't found on Earth.

At present many people are selling 'authentic chunks' of the meteorite over the web which range in price from 99 cents up to ten thousand pounds.

From materials provided by Radio Free Europe - Radio Liberty; The original article was written by Andy Heil, and NASA/Jet Propulsion Laboratory, California. Videos of Feb 14 event (above)and expedition to 1908 event area (below). Be warned that **most recent meteor video is loud at beginning and quite frightening.**

Expedition to find data from 1908 Tunguska River

Health Papers Published this week:

Length of DNA Strands Can Predict Life Expectancy

Can the length of strands of DNA in patients with heart disease predict their life expectancy? Researchers from the Intermountain Heart Institute at Intermountain Medical Center in Salt Lake City, who studied the DNA of more that 3,500 patients with heart disease, say yes it can. In the new study, presented Saturday, March 9, at the American College of Cardiology's Annual Scientific Session in San Francisco, the researchers were able to predict survival rates among patients with heart disease based on the length of strands of DNA found on the ends of chromosomes known as telomeres - the longer the patient's telomeres, the greater the chance of living a longer life. The study is one of 17 studies from the Intermountain Heart Institute at Intermountain Medical Center that are being presented at the scientific session, which is being attended by thousands of cardiologists and heart experts from around the world.

Previous research has shown that telomere length can be used as a measure of age, but these expanded findings suggest that telomere length may also predict the life expectancy of patients with heart disease. Telomeres protect the ends of chromosome from becoming damaged. As people get older, their telomeres get shorter until the cell is no longer able to divide. Shortened telomeres are associated with age-related diseases such as heart disease or cancer, as well as exposure to oxidative damage from stress, smoking, air pollution, or conditions that accelerate biologic aging.

"Chromosomes by their nature get shorter as we get older," said John Carlquist, PhD, director of the Intermountain Heart Institute Genetics Lab. "Once they become too short, they no longer function properly, signaling the end of life for the cell. And when cells reach this stage, the patient's risk for age-associated diseases increases dramatically."

Dr. Carlquist and his colleagues from the Intermountain Heart Institute at Intermountain Medical Center tested the DNA samples from more than 3,500 heart attack and stroke patients.

"**Our research shows that if we statistically adjust for age, patients with longer telomeres live longer, suggesting that telomere length is more than just a measure of age**, but may also indicate the probability for survival. Longer telomere length directly correlate with the likelihood for a longer life - even for patients with heart disease," said Dr. Carlquist.

Dr. Carlquist and his colleagues from the Intermountain Heart Institute at Intermountain Medical Center drew on two unique resources that offer unparalleled opportunity for researchers to study the effects of telomere length and survival rates of heart patients: An archive of peripheral blood DNA samples collected from almost 30,000 heart patients, with as much as 20 years of follow-up clinical and survival data. This is stored in Intermountain Healthcare's computerized medical informatics record system.

"With so many samples and very complete electronic records, it's a unique resource," said Dr. Carlquist. "It's unmatched in the world, and it allows us to measure the rate of change in the length of a patient's telomeres over time rather than just a snapshot in time, which is typical for most studies."

The opportunity to work with experts from around the world, including Richard Cawthon, MD, PhD, who's an international expert on telomere measurement and function.

"I believe telomere length could be used in the future as a way to measure the effectiveness of heart care treatment," said Dr. Carlquist. "We can already test cholesterol and blood pressure of a patient to see how treatment is working, but this could give us a deeper view into how the treatment is affecting the body and whether or not the treatment is working."

The above story is reprinted from materials provided by Intermountain Medical Center. Picture; Illustration of DNA molecule unwinding from a chromosome inside the nucleus of a cell. (Credit: NHGRI)

Aspirin May Lower Melanoma Risk

Mar. 11, 2013 — A new study has found that women who take aspirin have a reduced risk of developing melanoma - and that the longer they take it, the lower the risk. The findings suggest that aspirin's anti-inflammatory effects may help protect against this type of skin cancer. The study is published **early online** in *Cancer*, a peer-reviewed journal of the American Cancer Society.

In the Women's Health Initiative, researchers observed US women aged 50 to 79 years for an average of 12 years and noted which individuals developed cancer. At the beginning of the study, the women were asked which medications they took, what they ate, and what activities they performed.

When Jean Tang MD, PhD, of Stanford University School of Medicine in Palo Alto, and her colleagues analyzed available data from 59,806 Caucasian women in the study, they found that women who took more aspirin were less likely to develop melanoma skin cancer during the 12 years of follow up. Overall, women who used aspirin had a 21 percent lower risk of melanoma relative to non-users. Each incremental increase in duration of aspirin use (less than one year of use, one to four years of use, and five or more years of use) was associated with an 11 percent lower risk of melanoma. Thus, women who used aspirin for five or more years had a 30 percent lower melanoma risk than women who did not use aspirin. The researchers controlled for differences in pigmentation, tanning practices, sunscreen use, and other factors that may affect skin cancer risk.

"Aspirin works by reducing inflammation and this may be why using aspirin may lower your risk of developing melanoma," said Dr. Tang. Other pain medications, such as acetaminophen, did not lower women's melanoma risk. Dr. Tang noted that the findings support the design of a clinical trial to directly test whether aspirin can be taken to prevent melanoma.

Christina A. Gamba et al. **Aspirin is associated with lower melanoma risk among postmenopausal Caucasian women.** Cancer, 2013 DOI:10.1002/cncr.27817

Drug Treatment Corrects Autism Symptoms in Mouse Model

Mar. 13, 2013 — Autism results from abnormal cell communication. Testing a new theory, researchers at the University of California, San Diego School of Medicine have used a newly discovered function of an old drug to restore cell communications in a mouse model of autism, reversing symptoms of the devastating disorder.

The findings are published in the March 13, 2013 issue of the journalPLOS ONE.

"Our (cell danger) theory suggests that autism happens because cells get stuck in a defensive metabolic mode and fail to talk to each other normally, which can interfere with brain development and function," said Robert Naviaux, MD, PhD, professor of medicine and co-director of the Mitochondrial and Metabolic Disease Center at UC San Diego. "We used a class of drugs that has been around for almost a century to treat other diseases to block the 'danger' signal in a mouse model, allowing cells to return to normal metabolism and restore cell communication."

"Of course, correcting abnormalities in a mouse is a long way from a cure for humans," said Naviaux, "but we are encouraged enough to test this approach in a small clinical trial of children with autism spectrum disorder in the coming year. This trial is still in the early stages of development. We think this approach - called antipurinergic therapy or APT - offers a fresh and exciting new path that could lead to development of a new class of drugs to treat autism."

Autism spectrum disorders (ASDs) are complex disorders defined by abnormalities in the development of language, social and repetitive behaviors. Hundreds of different genetic and environment factors are known to confer risk. In this study, nearly a dozen UC San Diego scientists from different disciplines collaborated to find a unifying mechanism that explains autism. Their work is the result of one of just three international "Trailblazer" awards given by the group Autism Speaks in 2011.

Describing a completely new theory for the origin and treatment of autism using APT, Naviaux and colleagues introduce the concept that a large majority of both genetic and environmental causes for autism act by producing a sustained cell danger response - the metabolic state underlying innate immunity and inflammation.

"When cells are exposed to classical forms of dangers, such as a virus, infection or toxic environmental substance, a defense mechanism is activated," Naviaux explained. "This results in changes to metabolism and gene expression, and reduces the communication between neighboring cells. Simply put, when cells stop talking to each other, children stop talking."

Since mitochondria - the so-called "power plants" of the cell - play a central role in both infectious and non-infectious cellular stress, innate immunity and inflammation, Naviaux and colleagues searched for a signaling system in the body that was both linked to mitochondria and critical for innate immunity. They found it in extracellular nucleotides like adenosine triphosphate (ATP) and other mitokines - signaling molecules made by distressed mitochondria. These mitokines have separate metabolic functions outside of the cell where they bind to and regulate receptors present on every cell of the body. Fifteen types of purinergic receptors are known to be stimulated by these extracellular nucleotides, and the receptors are known to control a broad range of biological characteristics with relevance to autism.

The researchers tested suramin - a well-known inhibitor of purinergic signaling used medically for the treatment of African sleeping sickness since shortly after it was synthesized in 1916 - in mice. They found that this APT mediator corrected autism-like symptoms in the animal model, even if the treatment was started well after the onset of symptoms. The drug restored 17 types of multi-symptom abnormalities including normalizing brain synapse structure, cell-to-cell signaling, social behavior, motor coordination and normalizing mitochondrial metabolism.

"The striking effectiveness shown in this study using APT to 'reprogram' the cell danger response and reduce inflammation showcases an opportunity to develop a completely new class of anti-inflammatory drugs to treat autism and several other disorders," Naviaux said.

Robert K. Naviaux, Zarazuela Zolkipli, Lin Wang, Tomohiro Nakayama, Jane C. Naviaux, Thuy P. Le, Michael A. Schuchbauer, Mihael Rogac, Qingbo Tang, Laura L. Dugan, Susan B. Powell. **Antipurinergic Therapy Corrects the Autism-Like Features in the Poly(IC) Mouse Model**.PLoS ONE, 2013; 8 (3): e57380 DOI:10.1371/journal.pone.0057380

Using Fat to Fight Brain Cancer: Stem Cells from Human Adipose Tissue Used to Chase Migrating Cancer Cells

Mar. 12, 2013 — In laboratory studies, Johns Hopkins researchers say they have found that stem cells from a patient's own fat may have the potential to deliver new treatments directly into the brain after the surgical removal of a glioblastoma, the most common and aggressive form of brain tumor.

The investigators say so-called mesenchymal stem cells (MSCs) have an unexplained ability to seek out damaged cells, such as those involved in cancer, and may provide clinicians a new tool for accessing difficult-to-reach parts of the brain where cancer cells can hide and proliferate anew. The researchers say harvesting MSCs from fat is less invasive and less expensive than getting them from bone marrow, a more commonly studied method.

Results of the Johns Hopkins proof-of-principle study are described **online** in the journal *PLOS ONE*.

"The biggest challenge in brain cancer is the migration of cancer cells. Even when we remove the tumor, some of the cells have already slipped away and are causing damage somewhere else," says study leader Alfredo Quinones-Hinojosa, M.D., a professor of neurosurgery, oncology and neuroscience at the Johns Hopkins University School of Medicine. "Building off our findings, we may be able to find a way to arm a patient's own healthy cells with the treatment needed to chase down those cancer cells and destroy them. It's truly personalized medicine."

For their test-tube experiments, Quinones-Hinojosa and his colleagues bought human MSCs derived from both fat and bone marrow, and also isolated and grew their own stem cell lines from fat removed from two patients. Comparing the three cell lines, they discovered that all proliferated, migrated, stayed alive and kept their potential as stem cells equally well.

This was an important finding, Quinones-Hinojosa says, because it suggests that a patient's own fat cells might work as well as any to create cancer-fighting cells. The MSCs, with their ability to home in on cancer cells, might be able to act as a delivery mechanism, bringing drugs, nanoparticles or some other treatment directly to the cells. Quinones-Hinojosa cautions that while further studies are under way, it will be years before human trials of MSC delivery systems can begin.

Ideally, he says, if MSCs work, a patient with a glioblastoma would have some adipose tissue (fat) removed - from any number of locations in the body - a short time before surgery. The MSCs in the fat would be drawn out and manipulated in the lab to carry drugs or other treatments. Then, after surgeons removed the brain tumor, they could deposit these treatment-armed cells into the brain in the hopes that they would seek out and destroy the cancer cells.

Courtney Pendleton, Qian Li, David A. Chesler, Kristy Yuan, Hugo Guerrero-Cazares, Alfredo Quinones-Hinojosa.Mesenchymal Stem Cells Derived from Adipose Tissue vs Bone Marrow: In Vitro Comparison of Their Tropism towards Gliomas. PLoS ONE, 2013; 8 (3): e58198 DOI:10.1371/journal.pone.0058198

Weight Gain After Quitting Smoking Does Not Negate Health Benefits

Mar. 12, 2013 — An analysis of data from the Framingham Offspring Study - a long-term study that follows children of participants in the original Framingham Heart Study - may have answered a question that has troubled individuals considering stopping smoking: do the health effects of any weight gained after quitting outweigh the known cardiovascular benefits of smoking cessation? The report in the March 13 issue of *JAMA* concludes that the benefits of stopping smoking far exceed any weight-gain associated risk.

"Among people without diabetes, those who stopped smoking had a 50 percent reduction in the risk for heart attack, stroke or cardiovascular death, and accounting for any weight increase didn't change that risk reduction," says James Meigs, MD, MPH, of the General Medicine Unit at Massachusetts General Hospital (MGH) senior author of the JAMAreport. "In patients with diabetes - among whom weight gain is a particular concern - we saw the same pattern of a large risk reduction regardless of weight gained."

No study has previously investigated whether smoking-cessation-associated weight gain increases the risk of cardiovascular disease. One did look at the effects on risk factors such as blood pressure and lipid levels, but none have analyzed the actual occurence of cardiovascular events. Participants in the Framingham Offspring Study, which began in 1971, have a comprehensive medical exam and history taken every four to six years. The current investigation analyzed data from participant visits conducted from the mid 1980s into the mid-2000s, which covering the third to eighth visits for the overall study. The number of participants at each exam cycle ranged from almost 2,400 to about 3,250, totalling 11,148 individual person-exams.

Based on information gathered at each exam, participants were categorized as never smokers, current smokers, recent quitters - who had stopped smoking since their last exam - and long-term quitters. At the third study visit, 31 percent of participants were current smokers, and by the eighth visit only 13 percent continued to smoke. A general trend toward weight gain was seen across all study participants. Smokers, never smokers, and long-term quitters gained an average of 1 to 2 pounds between study visits, while recent quitters had gained an average of 5 to 10 pounds since their previous visit. But no matter how much weight they gained, the risk of cardiovascular events in the six years after quitting dropped in half for participants without diabetes. A similar drop in the incidence of cardiovascular events was seen in participants with diabetes, but it did not reach statistical significance, probably because less than 15 percent of the overall group was know to have diabetes.

"We now can say without question that stopping smoking has a very positive effect on cardiovascular risk for patients with and without diabetes, even if they experience the moderate weight gain seen in this study, which matches post-cessation weight increase reported in other studies," says Meigs, an associate professor of Medicine at Harvard Medical School.

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Clair C, Rigotti NA, Porneala B, et al. **Association of Smoking Cessation and Weight Change With Cardiovascular Disease Among Adults With and Without Diabetes.** JAMA, 2013; 309 (10): 1014-1021 DOI:10.1001/jama.2013.1644

Fiore MC, Baker TB. **Should Clinicians Encourage Smoking Cessation for Every Patient Who Smokes?**JAMA, 2013; 309 (10): 1032-1033 DOI:10.1001/jama.2013.1793 Video accompanying this Press Release below

Bitter Melon Juice Prevents Pancreatic Cancer in Mouse Models

Mar. 12, 2013 — A University of Colorado Cancer study published this week in the journal *Carcinogenesis* shows that bitter melon juice restricts the ability of pancreatic cancer cells to metabolize glucose, thus cutting the cells' energy source and eventually killing them.

"**Three years ago researchers showed the effect of bitter melon extract on breast cancer cells only in a Petri dish. This study goes much, much farther. We used the juice - people especially in Asian countries are already consuming it in quantity. We show that it affects the glucose metabolism pathway to restrict energy and kill pancreatic cancer cells**," says Rajesh Agarwal, PhD, co-program leader of Cancer Prevention and Control at the CU Cancer Center and professor at the Skaggs School of Pharmacy and Pharmaceutical Sciences.

Agarwal's interest came from connecting the dots of existing research in a novel way. Diabetes tends to presage pancreatic cancer and bitter melon has been shown to effect type-II diabetes, and has been used for centuries against diabetes in the folk medicines of China and India. Following this line of thinking, Agarwal and colleagues wondered what would happen if they closed out the middle man of diabetes and directly explored the link between bitter melon and pancreatic cancer.

The result, Agarwal says, is, "Alteration in metabolic events in pancreatic cancer cells and an activation of the AMP-activated protein kinase, an enzyme that indicates low energy levels in the cells."

Perhaps not coincidentally, bitter melon also regulates insulin secretion by pancreatic beta cells. After studies in cell cultures, the group showed that mouse models of pancreatic cancer that were fed bitter melon juice were 60 percent less likely to develop the disease than controls.

"It's a very exciting finding," Agarwal says. "Many researchers are engineering new drugs to target cancer cells' ability to supply themselves with energy, and here we have a naturally-occurring compound that may do just that."

The Agarwal Lab is now applying for grants that will allow them to move the study of bitter melon into further chemoprevention trials in mouse models of pancreatic cancer.

M. Kaur, G. Deep, A. K. Jain, K. Raina, C. Agarwal, M. Wempe, R. Agarwal. **Bitter melon juice activates cellular energy sensor AMP-activated protein kinase causing apoptotic death of human pancreatic carcinoma cells.** Carcinogenesis, 2013; DOI:10.1093/carcin/bgt081 Picture: Bitter melon. (Credit: © sil007 / Fotolia)

New Hope for Reversing the Effects of Spinal Cord Injury

Mar. 12, 2013 — Walking is the obvious goal for individuals who have a chronic spinal cord injury, but it is not the only one. Regaining sensation and continence control also are important goals that can positively impact an individual's quality of life. New hope for reversing the effects of spinal cord injury may be found in a combination of stem cell therapy and physical therapy as reported in Cell Transplantation by scientists at the University of Medicine and Dentistry of New Jersey-Robert Wood Johnson Medical School.

"Our phase one/two clinical trial had one goal: to give patients who have no other treatment options some hope," said Hatem E. Sabaawy, MD, PhD, an assistant professor of medicine in the molecular and regenerative medicine program at Robert Wood Johnson Medical School. "Early findings have concluded that we have met our goal and can improve the quality of life for individuals with spinal cord injuries by providing a safe treatment that restores some neurological function."

Dr. Sabaawy led a clinical trial that included 70 patients who had cervical or thoracic spinal cord injuries and were previously treated for at least six months without response. The patients were randomized into two groups, both of which were given physical therapy treatment. One of the groups also received stem cells derived from their own bone marrow injected near the injury site. Using the American Spinal Injury Association Impairment (AIS) Scale, patients received neurological and physical evaluations monthly for 18 months to determine if sensory and motor functions improved.

"Of primary importance, there was a notable absence of side effects in patients treated with stem cells during the course of our investigation," added Dr. Sabaawy, who also is a resident member of The Cancer Institute of New Jersey at Robert Wood Johnson Medical School.

None of the patients in the control group who received only physical therapy showed any improvement in sensory or motor function during the same time frame. Although the scale of injuries differed, all patients who were treated with a combination of bone-marrow derived stem cells and physical therapy responded to tactile and sensory stimuli as early as 4 weeks into the study. After 12 weeks, they experienced improvements in sensation and muscle strength, which was associated with enhanced potency and improved bladder and bowel control that eventually allowed patients to live catheter-free. Patients who showed improvement based on the AIS scale also were able to sit up and turn in their beds.

"Since the emergence of stem cells as a potential therapy for spinal cord injury, scientists have diligently sought the best application for using their regenerating properties to improve a patient's mobility," said Joseph R. Bertino, MD, University Professor of medicine and pharmacology, interim director, Stem Cell Institute of New Jersey and chief scientific officer at The Cancer Institute of New Jersey. "Dr. Sabaawy's discovery that treatment is more successful when stem cell therapy is combined with physical therapy could provide a remarkable, and hopefully sustainable, improvement in the overall quality of life for patients with spinal cord injury."

At the end of 18 months, 23 of the 50 patients who received both physical therapy and stem cell therapy showed a significant improvement of at least 10 points on the AIS scale. Several were able to walk with assistance. In addition, more gains were made in motor skill control by patients with thoracic spinal cord injuries, suggesting that patients with thoracic spinal cord injuries may respond better to the combined treatment.

Dr. Sabaawy however cautioned that more studies are needed with a larger number of patients to test different cell dose levels and intervals at which stem cell therapy should be delivered.

"**Although a cure for spinal cord injury does not yet exist, it is clear that the regenerative and secretory properties of bone-marrow derived stem cells can improve symptoms of paralysis in some patients when coupled with the current standard of care that physical therapy provides**," said Dr. Sabaawy. "**We will continue monitoring our patients for long-term safety effects of stem cell therapy and work to expand our research through a phase two clinical trial that can be conducted at multiple centers nationwide and internationally.**"

Wael Abo El-kheir, Hala Gabr, Mohamed Reda Awad, Osama Ghannam, Yousef Barakat, Haithem A. Farghali, Zeinab M. El Maadawi, Ibrahim Ewes, Hatem E. Sabaawy.**Autologous bone marrow-derived cell therapy combined with physical therapy induces functional improvement in chronic spinal cord injury patients**.Cell Transplantation, 2013; DOI:10.3727/096368913X664540

Paving the Way for Greater Use of Ancient Medical Knowledge

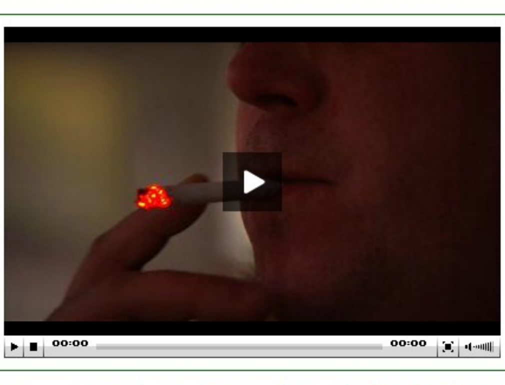
Mar. 13, 2013 — Scientists are reporting an advance toward overcoming a major barrier to tapping the potential of traditional Chinese medicine (TCM) and India's Ayurvedic medicine in developing new and more effective modern drugs. Their report appears in ACS' Journal of Chemical Information and Modeling.

Andreas Bender and colleagues explain that TCM has made key contributions to modern medicine. In the world's largest international clinical trial, for instance, scientists concluded that Artesunate, a derivative of the Chinese herb qinghao, should replace quinine as a treatment for severe malaria in both adults and children worldwide. Traditional medicines have a track record in benefiting human health that spans thousands of years. However, gaps in knowledge about how these medicines work in the body, their "mode of action" (MOA) -- limit their use today. Information about a drug's MOA is important for better understanding of both the beneficial effects and side effects of treatments.

They describe an algorithm that can help explain how these substances work in the body, and use of it to help understand the MOA of traditional anti-inflammatory medicines. An algorithm is a step-by-step procedure to generally analyze data, which the scientists applied to predicting how the active chemical ingredients in traditional medicines affect biological processes. "By establishing the MOA of these compounds, the gap between Western and traditional medicine can be reduced," the report concluded.

Fazlin Mohd Fauzi, Alexios Koutsoukas, Robert Lowe, Kalpana Joshi, Tai-Ping Fan, Robert C. Glen, Andreas Bender. Chemogenomics Approaches to Rationalizing the Mode-of-Action of Traditional Chinese and Ayurvedic Medicines. Journal of Chemical Information and Modeling, 2013; : 130218071700008 DOI:10.1021/ci3005513

Disclaimer: These articles are not intended to provide medical advice, diagnosis or treatment. Views expressed here do not necessarily reflect those of *Pittwater Online News* or its staff.



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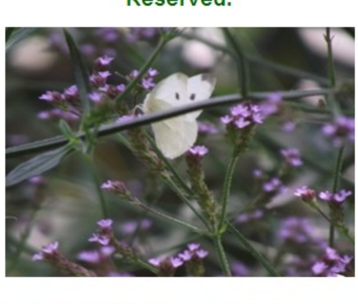


Dog Story of the Week - c/- Irene and John ANDERSON

Lab's name was Reggie, as I looked at him lying in his pen. The shelter was clean, no-kill, and the people really friendly. I'd only been in the area for six months, but everywhere I went in the small college town, people were welcoming and open. Everyone waves when you pass them on the street. But something was still missing as I attempted to settle in to my new life here, and I thought a dog couldn't hurt.

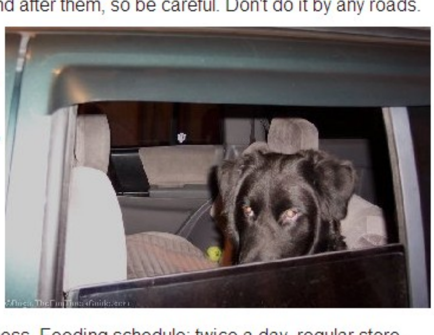
Give me someone to talk to. And I had just seen Reggie's advertisement on the local news. The shelter said they had received numerous calls right after, but they said the people who had come down to see him just didn't look like 'Lab people', whatever that meant. They must've thought I did.

But at first, I thought the shelter had misjudged me in giving me Reggie and his things, which consisted of a dog pad, bag of toys almost all of which were brand new tennis balls, his dishes and a sealed letter from his previous owner. See, Reggie and I didn't really hit it off when we got home. We struggled for two weeks (which is how long the shelter told me to give him to adjust to his new home). Maybe it was the fact that I was trying to adjust, too. Maybe we were too much alike. I saw the sealed envelope. I had completely forgotten about that. "Okay, Reggie," I said out loud, "let's see if your previous owner has any advice."

To Whomever Gets My Dog:

Well, I can't say that I'm happy you're reading this, a letter I told the shelter could only be opened by Reggie's new owner. I'm not even happy writing it. He knew something was different.

So let me tell you about my Lab in the hopes that it will help you bond with him and he with you. First, he loves tennis balls. The more the merrier. Sometimes I think he's part squirrel, the way he hoards them. He usually always has two in his mouth, and he tries to get a third in there. Hasn't done it yet. Doesn't matter where you throw them, he'll bound after them, so be careful. Don't do it by any roads.



Next, commands. Reggie knows the obvious ones -"sit," "stay," "come," "heel." He knows hand signals, too: He knows "ball" and "food" and "bone" and "treat" like nobody's business. Feeding schedule: twice a day, regular store-bought stuff; the shelter has the brand. He's up on his shots. Be forewarned: Reggie hates the vet. Good luck getting him in the car. I don't know how he knows when it's time to go to the vet, but he knows.

Finally, give him some time. It's only been Reggie and me for his whole life. He's gone everywhere with me, so please include him on your daily car rides if you can. He sits well in the backseat, and he doesn't bark or complain. He just loves to be around people, and me most especially. And that's why I need to share one more bit of info with you...

His name's not Reggie. He's a smart dog, he'll get used to it and will respond to it, of that I have no doubt. But I just couldn't bear to give them his real name. But if someone is reading this ... well it means that his new owner should know his real name. His real name is "Tank." Because, that is what I drive.

I told the shelter that they couldn't make "Reggie" available for adoption until they received word from my company commander. You see, my parents are gone, I have no siblings, no one I could've left Tank with ... and it was my only real request of the Army upon my deployment to Iraq, that they make one phone call to the shelter ...in the "event" ... to tell them that Tank could be put up for adoption.

Luckily, my CO is a dog-guy, too, and he knew where my platoon was headed. He said he'd do it personally. And if you're reading this, then he made good on his word.

Tank has been my family for the last six years, almost as long as the Army has been my family. And now I hope and pray that you make him part of your family, too, and that he will adjust and come to love you the same way he loved me.

If I have to give up Tank to keep those terrible people from coming to the US I am glad to have done so. He is my example of service and of love. I hope I honoured him by my service to my country and comrades. All right, that's enough. I deploy this evening and have to drop this letter off at the shelter. Maybe I'll peek in on him and see if he finally got that third tennis ball in his mouth.

Good luck with Tank. Give him a good home, and give him an extra kiss goodnight - every night - from me.

Thank you, **Paul Mallory**

I folded the letter and slipped it back in the envelope. Sure, I had heard of Paul Mallory, everyone in town knew him, even new people like me. Local kid, killed in Iraq a few months ago and posthumously earning the Silver Star when he gave his life to save three buddies. Flags had been at half-mast all summer. I leaned forward in my chair and rested my elbows on my knees, staring at the dog.

"Hey, Tank," I said quietly.

The dog's head whipped up, his ears cocked and his eyes bright.

"C'mere boy."

He was instantly on his feet, his nails clicking on the hardwood floor. He sat in front of me, his head tilted, searching for the name he hadn't heard in months. "Tank," I whispered.

His tail swished.

I kept whispering his name, over and over, and each time, his ears lowered, his eyes softened, and his posture relaxed as a wave of contentment just seemed to flood him. I stroked his ears, rubbed his shoulders, buried my face into his scruff and hugged him.

"It's me now, Tank, just you and me. Your old pal gave you to me."

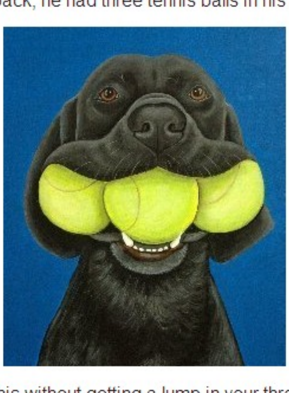
Tank reached up and licked my cheek.

"So whatdaya say we play some ball?"

His ears perked again.

"Yeah? Ball? You like that? Ball?"

Tank tore from my hands and disappeared into the next room. And when he came back, he had three tennis balls in his mouth.



If you can read this without getting a lump in your throat or a tear in your eye, you just ain't right.

"The true soldier fights not because he hates what is in front of him, but because he loves what is behind him."

G. K. Chesterton

Although this story has been circulating since 2008, most sources state a 'Paul Mallory' did not serve in Iraq and that this story has been created to demonstrate the sacrifices of all service personnel, on the home front, and in the places of conflict they are ordered into.

Spacebook Twittering - An Alternative

The 2012 Darwins are out !! c/ - W.A.G

Yes ... it's that magical time of year again when the Darwin Awards are bestowed, honouring the least evolved among us.

Here is the glorious winner:

1. When his .38 caliber revolver failed to fire at his intended victim during a hold-up in Long Beach, California, would-be robber James Elliot did something that can only inspire wonder. He peered down the barrel and tried the trigger again. This time it worked.

And now, the honorable mentions:

2. The chef at a hotel in Switzerland lost a finger in a meat cutting machine and after a little shopping around, submitted a claim to his insurance company. The company expecting negligence sent out one of its men to have a look for himself. He tried the machine and he also lost a finger.. The chef's claim was approved.

3. A man who shoveled snow for an hour to clear a space for his car during a blizzard in Chicago returned with his vehicle to find a woman had taken the space. Understandably, he shot her.

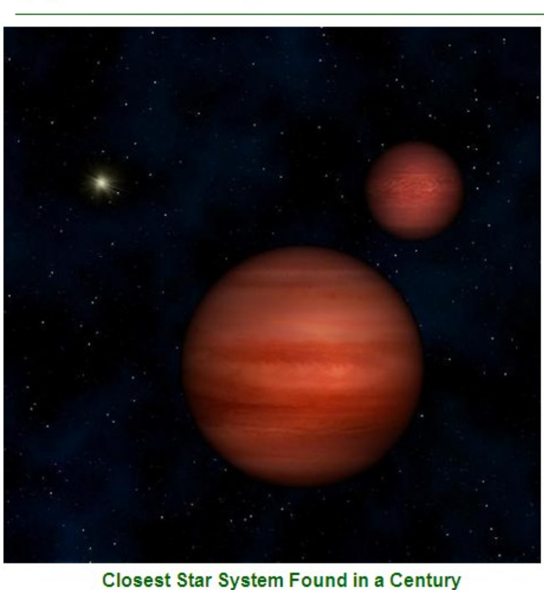
4. After stopping for drinks at an illegal bar, a Zimbabwean bus driver found that the 20 mental patients he was supposed to be transporting from Harare to Bulawayo had escaped. Not wanting to admit his incompetence, the driver went to a nearby bus stop and offered everyone waiting there a free ride. He then delivered the passengers to the mental hospital, telling the staff that the patients were very excitable and prone to bizarre fantasies. The deception wasn't discovered for 3 days.

5. An American teenager was in the hospital recovering from serious head wounds received from an oncoming train. When asked how he received the injuries, the lad told police that he was simply trying to see how close he could get his head to a moving train before he was hit.

6. A man walked into a Louisiana Circle-K, put a $20 bill on the counter, and asked for change. When the clerk opened the cash drawer, the man pulled a gun and asked for all the cash in the register, which the clerk promptly provided. The man took the cash from the clerk and fled, leaving the $20 bill on the counter. The total amount of cash he got from the drawer... $15. [If someone points a gun at you and gives you money, is a crime committed?]

9.. The Ann Arbor News crime column reported that a man walked into a Burger King in Ypsilanti , Michigan at 5 A.M., flashed a gun, and demanded cash. The clerk turned him down because he said he couldn't open the cash register without a food order. When the man ordered onion rings, the clerk said they weren't available for breakfast... The man, frustrated, walked away. [*A 5-STAR STUPIDITY AWARD WINNER]

10. When a man attempted to siphon gasoline from a motor home parked on a Seattle street by sucking on a hose, he got much more than he bargained for.. Police arrived at the scene to find a very sick man curled up next to a motor home near spilled sewage. A police spokesman said that the man admitted to trying to steal gasoline, but he plugged his siphon hose into the motor home's sewage tank by mistake. The owner of the vehicle declined to press charges saying that it was the best laugh he'd ever had.



Closest Star System Found in a Century

Mar. 11, 2013 — A pair of newly discovered stars is the third-closest star system to the Sun, according to a paper that will be published in Astrophysical Journal Letters. The duo is the closest star system discovered since 1916. The discovery was made by Kevin Luhman, an associate professor of astronomy and astrophysics at Penn State University and a researcher in Penn State's Center for Exoplanets and Habitable Worlds.

Both stars in the new binary system are "brown dwarfs," which are stars that are too small in mass to ever become hot enough to ignite hydrogen fusion. As a result, they are very cool and dim, resembling a giant planet like Jupiter more than a bright star like the Sun.

"The distance to this brown dwarf pair is 6.5 light years - so close that Earth's television transmissions from 2006 are now arriving there," Luhman said. "It will be an excellent hunting ground for planets because it is very close to Earth, which makes it a lot easier to see any planets orbiting either of the brown dwarfs." Since it is the third-closest star system, in the distant future it might be one of the first destinations for manned expeditions outside our solar system, Luhman said.

The star system is named "WISE J104915.57-531906" because it was discovered in a map of the entire sky obtained by the NASA-funded Wide-field Infrared Survey Explorer (WISE) satellite. It is only slightly farther away than the second-closest star, Barnard's star, which was discovered 6.0 light years from the Sun in 1916. The closest star system consists of Alpha Centauri, found to be a neighbor of the Sun in 1839 at 4.4 light years, and the fainter Proxima Centauri, discovered in 1917 at 4.2 light years.

Edward (Ned) Wright, the principal investigator for the WISE satellite, said "One major goal when proposing WISE was to find the closest stars to the Sun. WISE 1049-5319 is by far the closest star found to date using the WISE data, and the close-up views of this binary system we can get with big telescopes like Gemini and the future James Webb Space Telescope will tell us a lot about the low mass stars known as brown dwarfs." Wright is the David Saxon Presidential Chair in Physics and a professor of physics and astronomy at UCLA.

Astronomers have long speculated about the possible presence of a distant, dim object orbiting the Sun, which is sometimes called Nemesis. However, Luhman has concluded, "we can rule out that the new brown dwarf system is such an object because it is moving across the sky much too fast to be in orbit around the Sun."

To discover the new star system, Luhman studied the images of the sky that the WISE satellite had obtained during a 13-month period ending in 2011. During its mission, WISE observed each point in the sky 2 to 3 times. "In these time-lapse images, I was able to tell that this system was moving very quickly across the sky - which was a big clue that it was probably very close to our solar system," Luhman said.

After noticing its rapid motion in the WISE images, Luhman went hunting for detections of the suspected nearby star in older sky surveys. He found that it indeed was detected in images spanning from 1978 to 1999 from the Digitized Sky Survey, the Two Micron All-Sky Survey, and the Deep Near Infrared Survey of the Southern Sky. "Based on how this star system was moving in the images from the WISE survey, I was able to extrapolate back in time to predict where it should have been located in the older surveys and, sure enough, it was there," Luhman said.

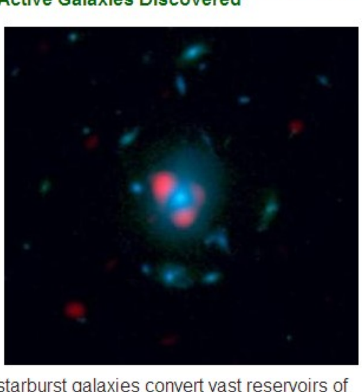
By combining the detections of the star system from the various surveys, Luhman was able to measure its distance via parallax, which is the apparent shift of a star in the sky due to Earth's orbit around the Sun. He then used the Gemini South telescope on Cerro Pachón in Chile to obtain a spectrum of it, which demonstrated that it had a very cool temperature, and hence was a brown dwarf. "As an unexpected bonus, the sharp images from Gemini also revealed that the object actually was not just one but a pair of brown dwarfs orbiting each other," Luhman said.

"It was a lot of detective work," Luhman said. "There are billions of infrared points of light across the sky, and the mystery is which one - if any of them - could be a star that is very close to our solar system."

The above story is reprinted from materials provided by Penn State. The original article was written by Barbara K. Kennedy.

Picture; This image is an artist's conception of the binary system WISE J104915.57-531906 with the Sun in the background. (Credit: Janella Williams, Penn State University)

Rewriting History of Universe's Stellar Baby Boom: Ancient, Highly Active Galaxies Discovered



Mar. 13, 2013 — Observations with the Atacama Large Millimeter/ submillimeter Array (ALMA) show that the most vigorous bursts of star birth in the cosmos took place much earlier than previously thought.

T he most intense bursts of star birth are thought to have occurred in the early Universe, in massive, bright galaxies. These starburst galaxies convert vast reservoirs of cosmic gas and dust into new stars at a furious pace - many hundreds of times faster than in stately spiral galaxies like our own galaxy, the Milky Way. By looking far into space, at galaxies so distant that their light has taken many billions of years to reach us, astronomers can observe this busy period in the Universe's youth.

The results are published in a set of papers to appear in the journalNature on 14 March 2013, and in theAstrophysical Journal. The research is the most recent example of the discoveries coming from the new international ALMA observatory, which celebrates its inauguration today.

"The more distant the galaxy, the further back in time one is looking, so by measuring their distances we can piece together a timeline of how vigorously the Universe was making new stars at different stages of its 13.7 billion year history," said Joaquin Vieira (California Institute of Technology, USA), who led the team and is lead author of the paper in the journal Nature.

The international team of researchers first discovered these distant and enigmatic starburst galaxies with the US National Science Foundation's 10-metre South Pole Telescope (SPT) and then used ALMA to zoom in on them to explore the stellar baby boom in the young Universe. They were surprised to find that many of these distant dusty star-forming galaxies are even further away than expected. This means that, on average, their bursts of star birth took place 12 billion years ago, when the Universe was just under 2 billion years old - a full billion years earlier than previously thought.

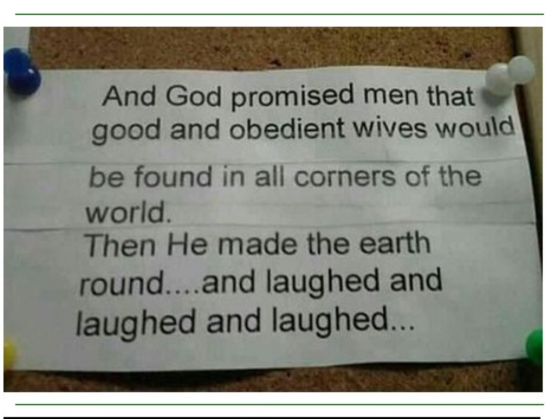
Two of these galaxies are the most distant of their kind ever seen - so distant that their light began its journey when the Universe was only one billion years old. What's more, in one of these record-breakers, water is among the molecules detected, marking the most distant observations of water in the cosmos published to date.

Y. D. Hezaveh et al. ALMA OBSERVATIONS OF SPT-DISCOVERED, STRONGLY LENSED, DUSTY, STAR-FORMING GALAXIES. Astrophysical Journal, 2013 [link] PDF

A. Weiss et al. ALMA REDSHIFTS OF MILLIMETER-SELECTED GALAXIES FROM THE SP TSURVEY: THE REDSHIFT DISTRIBUTION OF DUSTY STAR-FORMING GALAXIES. APJ, 2013 [link] PDF

J. D. Vieira, D. P. Marrone, S. C. Chapman, C. De Breuck, Y. D. Hezaveh, A. Weiβ, J. E. Aguirre, K. A. Aird, M. Aravena, M. L. N. Ashby, M. Bayliss, B. A. Benson, A. D. Biggs, L. E. Bleem, J. J. Bock, M. Bothwell, C. M. Bradford, M. Brodwin, J. E. Carlstrom, C. L. Chang, T. M. Crawford, A. T. Crites, T. de Haan, M. A. Dobbs, E. B. Fomalont, C. D. Fassnacht, E. M. George, M. D. Gladders, A. H. Gonzalez, T. R. Greve, B. Gullberg, N. W. Halverson, F. W. High, G. P. Holder, W. L. Holzapfel, S. Hoover, J. D. Hrubes, T. R. Hunter, R. Keisler, A. T. Lee, E. M. Leitch, M. Lueker, D. Luong-Van, M. Malkan, V. McIntyre, J. J. McMahon, J. Mehl, K. M. Menten, S. S. Meyer, L. M. Mocanu, E. J. Murphy, T. Natoli, S. Padin, T. Plagge, C. L. Reichardt, A. Rest, J. Ruel, J. E. Ruhl, K. Sharon, K. K. Schaffer, L. Shaw, E. Shirokoff, J. S. Spilker, B. Stalder, Z. Staniszewski, A. A. Stark, K. Story, K. Vanderlinde, N. Welikala, R. Williamson. **Dusty starburst galaxies in the early Universe as revealed by gravitational lensing**.Nature, 2013; DOI: 10.1038/nature12001

Picture:Cosmic donut: This image combines data from ALMA and the Hubble Space Telescope. Shown in red is the distant, background galaxy, being distorted by the gravitational lens effect produced by the galaxy in the foreground, depicted as the blue dot seen by Hubble. The background galaxy appears warped into a so-called Einstein ring: a circle of light around the foreground galaxy. (Credit: Dan Marrone)



Mummy CT Scans Show Preindustrial Hunter Gatherers Had Clogged Arteries

Mar. 10, 2013 — Ancient hunter-gatherers also suffered from clogged arteries, revealing that the plaque build-up causing blood clots, heart attacks and strokes is not just a result of fatty diets or couch potato habits, according to new research in the journal The Lancet.

The researchers performed CT scans of 137 mummies from across four continents and found artery plaque in every single population studied, from preagricultural hunter-gatherers in the Aleutian Islands to the ancient Puebloans of southwestern United States.

Their findings provide an important twist to our understanding of atherosclerotic vascular disease, which is the leading cause of death in the developed world: while modern lifestyles can accelerate the development of plaque on our arteries, the prevalence of the disease across human history shows it may have a more basic connection to inflammation and aging.

"This is not a disease only of modern circumstance but a basic feature of human aging in all populations," said Caleb Finch, USC University Professor, ARCO/ Kieschnick Professor of Gerontology at the USC Davis School of Gerontology, and a senior author of the study. "Turns out even a Bronze Age guy from 5,000 years ago had calcified, carotid arteries," Finch said, referring to Otzi the Iceman, a natural mummy who lived around 3200 BCE and was discovered frozen in a glacier in the Italian Alps in 1991.

With Gregory Thomas of Long Beach Memorial, Finch was part of a team that previously showed Egyptian mummies had calcified patches on their arteries indicative of advanced atherosclerosis (from the Greek arthero, meaning "gruel" and scler, meaning "hard").

But ancient Egyptians tended to mummify only royalty or those who had privileged lives. The new study led by Thomas and Randall Thompson of Saint Luke's Mid America Heart Institute examined mummies from four drastically different climates and diets - and from cultures that mummified regular people, including ancient Peruvians, Ancestral Puebloans, the Unangans of the Aleutian Islands and ancient Egyptians.

"Our research shows that we are all at risk for atherosclerosis, the disease that causes heart attacks and strokes - all races, diets and lifestyles," said Thomas, medical director of the MemorialCare Heart & Vascular Institute, Long Beach Memorial. "Because of this we all need to be cautious of our diet, weight and exercise to minimize its impact. The data gathered about individuals from the pre-historic cultures of ancient Peru and the Native Americans living along the Colorado River and the Unangan of the Aleutian Islands is forcing us to think outside the box and look for other factors that may cause heart disease."

Overall, the researchers found probable or definite atherosclerosis in 34 percent of the mummies studied, with calcification of arteries more pronounced in the mummies that were older at time of death. Artherosclerosis was equally common in mummies identified as male or female.

"We found that heart disease is a serial killer that has been stalking mankind for thousands of years," Thompson said. "In the last century, atherosclerotic vascular disease has replaced infectious disease as the leading cause of death across the developed world. A common assumption is that the rise in levels of atherosclerosis is predominantly lifestyle-related, and that if modern humans could emulate pre-industrial or even pre-agricultural lifestyles, that atherosclerosis, or at least its clinical manifestations, would be avoided. Our findings seem to cast doubt on that assumption, and at the very least, we think they suggest that our understanding of the causes of atherosclerosis is incomplete, and that it might be somehow inherent to the process of human aging."

The international team of researchers will next seek to biopsy ancient mummies to get a better understanding of the role chronic infection, inflammation and genetics in promoting the prevalence of atherosclerosis.

"Atherosclerosis starts very early in life. In the United States, most kids have little bumps on their arteries. Even stillbirths have little tiny nests of inflammatory cells. But environmental factors can accelerate this process," Finch said, pointing to studies that show larger plaques in children exposed to household tobacco smoking or who are obese.

Randall C Thompson, Adel H Allam, Guido P Lombardi, L Samuel Wann, M Linda Sutherland, James D Sutherland, Muhammad Al-Tohamy Soliman, Bruno Frohlich, David T Mininberg, Janet M Monge, Clide M Vallodolid, Samantha L Cox, Gomaa Abd el-Maksoud, Ibrahim Badr, Michael I Miyamoto, Abd el-Halim Nur el-din, Jagat Narula, Caleb E Finch, Gregory S Thomas. **Atherosclerosis across 4000 years of human history: the Horus study of four ancient populations**. The Lancet, March 10, 2013 DOI:10.1016/S0140-6736(13)60598-X

Picture: Coronal 3D volume rendered CT reconstruction showing carotid artery disease. Bilateral carotid, bilateral subclavian, and brachiocephalic calcification of Hatiay (mummy 23), a male Egyptian scribe aged 40–50 years, who lived during the New Kingdom (1570–1293 BCE) and was found near modern day Luxor. (Credit: From "Atherosclerosis across 4000 years of human history: the Horus study of four ancient populations," Thompson et al, published Online First in The Lancet, 10 March, 2013)

IT PATRICKS DAY
SUNDAY 17 MARCH
10.00am to 3.00pm
Irish Band
"THE CURRENCY LADS"
Quizzes
Face Painting
Parade Prizes
To be won
Enjoy
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Pittwater Online
Pittwater Online Marketing
Pittwater Online Magazine
Pittwater Online News
Pittwater Online Directory
Pittwater Online Events
Pittwater Online Business Awards
Pittwater Online Community Noticeboard
Pittwater Online Community Calendar
Pittwater Online Community Directory
Pittwater Online Community Events
Pittwater Online Community