

## Does swimming make kids smarter?

Early results from a major research project indicate early-years swimming does in fact make kids smarter, more sociable and more confident. A continuation of these results could help direct many thousands of children to learn-to-swim schools – and hopefully encourage their parents to buy swimming pools.

ver the years, many learn-to-swim teachers have noticed that young children in their classes seem to be more confident, smarter, more social and interact better with their peers than children who don't swim.

Could this really be the case? Is there any hard evidence that this is true? Does swimming offer extra potential for young children?

Acting on what is clearly more than a hunch, Laurie Lawrence and Ross Gage (Swim Australia) approached Professor Robyn Jorgensen at Queensland's Griffith University in 2007 to test the theory. They wanted an Australia-wide large-scale research project set in motion to test whether swimming in the early years had benefits for young children.

The only previous study of this type was conducted in Germany three decades ago.

Yet here, half a world away and entering the second decade of a new century, no major research project had looked at the impact of swimming on young children. And that's in a country where nearly 90 percent of the population lives close to a large water mass, in a climate that practically demands participation in water activities: you could even say being in water is part of the Australian way of life.

So, while parents want to ensure the safety of their children and encourage their participation and enjoyment of the water, what are the other benefits of participating in learn-to-swim classes?

Professor Jorgensen and her team have launched into a major study to find out:

(a) The physical, emotional, social and intellectual benefits of learning to swim in under-5s; and



(b) What factors enhance the benefits in different learn-to-swim contexts.

Approximately 45 swim schools across Australia, New Zealand and the USA have contributed funds to enable the research to be conducted by the team of researchers from Griffith University in Brisbane and the Gold Coast.

Professor Jorgensen leads the team of researchers that includes Associate Professor Peter Grootenboer and Dr Bob Funnell.

It is anticipated the study will take three years. It draws on a wide range of methods to test how, and to what extent, early years swimming adds benefits to young children.

In the first phase of the study, a large survey had been administered to parents of early-years swimmers seeking information about their children's development. The questionnaire – available on paper and online – seeks to determine if children have met, or surpassed, developmental milestones.

To date, more than 4000 surveys have been completed and by the end of study, it is hoped that there will be more than 10,000 responses. This will make it one of the largest (if not the largest) study of its kind to be undertaken internationally.

Results from this first phase indicate that children involved in learn-to-swim are ahead of the game –that there are benefits to cognition (intellectual development) and physical development as well as marginal benefits to social and language development. Parents have reported that their children are often well ahead on develop-

"Children enjoy the aquatic environment; they are listening to their teachers and following instructions. They are enjoying the company of their peers. They are developing lifelong skills."

mental milestones compared to same-age non-swimming peers.

If this data continues to show marked improvements in the ways in which children's thinking and learning can be enhanced, then the study has considerable implications for the swim industry and families.

But the researchers are going beyond the self-reporting of parents – who may have been tempted to over-estimate the achievements of their children.

In the next phase – to be undertaken over the next year – Griffith University's researchers will further test their findings. A large number of children will be assessed by psychologists using internationally recognised tests for child development. Matching between the tests and parents' reports will help to check whether or not development is really being enhanced.

The early data has also shown that an important consideration in the achievements of children is the type of swim school they attend.

Educational research has shown that the quality of the teaching and the learning environment itself are important factors for learning – and this appears to be true, whether in the context of a swim or general classroom environment.

To this end, another aim of the research team is to determine which features of swim environments contribute to enhanced learning.

Over 2011, the Griffith University re-

searchers have been developing tools to identify the features of quality swimming lessons. Using the refined profiling tools, they will be visiting a wide range of swim schools to assess both the quality of the learning environment and the teaching approaches adopted.

These assessments will be supplemented by interviews with parents, teachers and administrators of swim schools.

Collectively, these methods will help to assess whether or not, and in what ways (if any) early years swimming is beneficial to young children in terms of their development.

"We are entering an exciting phase of the project now," says Professor Jorgensen. "The early results have certainly shown us that children undertaking early years swimming classes are ahead of the game.

"If children develop more quickly in their language, or appear to be smarter in how they think about things, or if they are more sociable with peers and adults, or if their physical development is better – these are important questions for most parents and teachers.

"This could have wide implications. It could mean that children who have been swimming may have a higher level of school readiness than their non-swimming peers," she says.

#### Swimming has advantages over other activities

"We have been asked by a lot of people –

what about other types of sport?" says Jorgensen.

"The interesting thing here is that children can participate in learn-to-swim before they can walk. No other 'sport' offers the same scope for the participation of young children. We have parents in the water with their kids from the time they are six months old.

"And, yes, lots of parents are initially introducing their kids to the water for safety, and that's important," she says. "But what we're finding is that the benefits of involvement in learn-to-swim are quite substantial.

"Children enjoy the aquatic environment; they are listening to their teachers and following instructions. They are enjoying the company of their peers. They are developing lifelong skills.

"The study is in its first two years and results are beginning to emerge but it is still early days and we are cautious about making too many claims from these early results.

"We are utilising a wide range of methods to ensure that the claims we make will be accurate. However, we are quietly confident that some very interesting results will be reportable in the near future."

For further information about the study, email Professor Robyn Jorgensen's research team at Griffith University at earlyyearsswimming@griffith.edu.au. S



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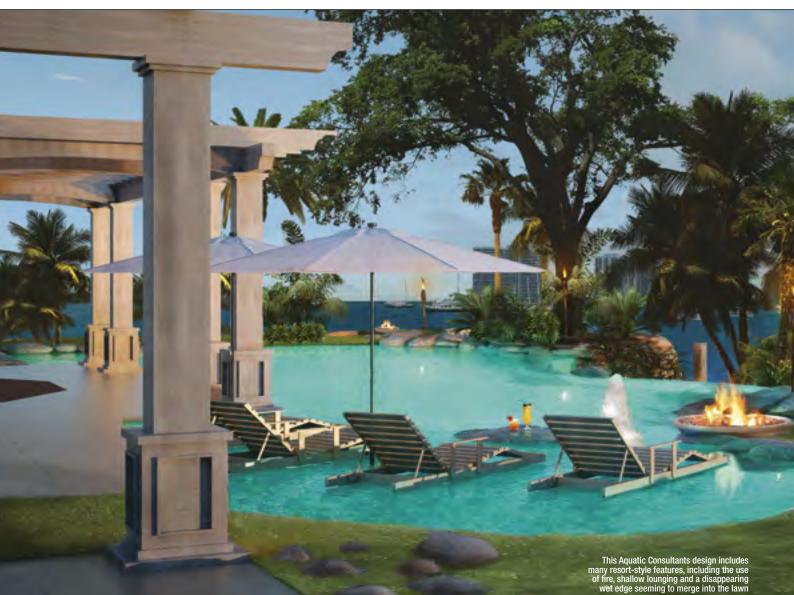
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## Transplanting resort ideas into residential poolscapes

Christina DiMartino looks at some of the ideas that can help a swimming pool become an all encompassing lifestyle feature. ore and more often, today's top pool and spa designers are scaling down ideas from beautifully landscaped resort pools for their backyard customers.

Well-travelled homeowners bring back memories from their holidays – flashes of how stunning and elegant, natural and quiet, or fun and entertaining their resort pool was. When they set out to work with a designer on their backyard landscape, they have those memories tucked away and they want to create the same ambience just a few short steps from their own backdoors.

#### Fire and water

Designers have developed ingenious methods of creating fire and water effects that defy size restrictions, space limitations, weather, proximity to existing structures and local building codes. Stone pillars can shoot flames to various heights and offer brilliant reflections at the poolside. Firepits can be incorporated into the rockwork and be designed to complement the theme or decor of the environment. Popular materials used for the centre of the firepit are copper, steel or precast concrete – often accented by a ring of brick, granite or decorative tile. Most "People like to put lounge chairs in these areas as they need shade on hot, sunny days. When they're not using the pool, they pull out the umbrellas to store them, and caps fit over the holes in the floor of the pool."

high-end firepits are operated with a remote device to control the flame's proximity to surrounding walls, walkways and the edge of the pool.

Brian Van Bower is president of Aquatic Consultants, Inc. in Miami, Florida, and a partner in the Genesis 3 Design Group, which provides an international forum for continuing education and the establishment of higher standards in watershape design and construction.

"Firepits are a hot item today," says Van Bower. "Pun intended."

"We have fire on approximately sixty per cent of our projects today, as compared to about ten percent five years ago," he says. "Manufacturers are stepping up and doing things that make it easier for contractors to put these systems together. And as more people are exposed to them, the more they realise how effective they are."

He added that the different effects now available provide many options for customers. Linier fire and fire and water treatments can be designed in a nearly unlimited variety of ways to give homeowners the exact treatment they desire.

"One of our customers wanted a water wall along the seventy-foot entry to her home," says Van Bower. "And she wanted an eighteeninch flame running the entire length. We got bobé Water & Fire Features in Phoenix to design it, but it ended up getting cut from the project due to the cost. Kris Kesler, the owner of bobé, is a master at designing these elements, and that he did the design attests to the fact that there is little he can't create – if the customer is willing to pay for it."

Even for customers who aren't in the high income level but merely want to hold hands, roast marshmallows and sing "Kumbayah," fire can be affordable and it changes the mood. Whether it's a tiki torch stuck in the ground next to the pool, or fire balls lined up on a vanishing edge pool – they all add ambience.

"Functional fire is also good," says Van Bower. "About half of the projects we do today have outdoor kitchens. Many are elaborate with high quality furnishings, and some are roofed. It's a part of the outdoor lifestyle that people want today."

Omega Pool Structures in Toms River, New Jersey, specialises in indoor pools, but also designs and develops outdoor projects for both commercial and residential settings. Partner Kevin Ruddy says that his team works closely with design engineering consultants and architects.

"Most of the fire applications we install are on landscapes," says Ruddy. "We do a lot of jobs at homes with children, and safety is an issue in these cases."

He says fire applications are usually done by Omega to add atmosphere to the landscape.

"We will, for example, build a boulder pit, which is then surrounded by foliage, and put the fire effects in the centre so flames project out of it at night."

#### **Reflecting pools**

With a reflecting pool, along with proper landscaping, homeowners can turn their landscapes into tranquil, private estates. Perimeter overflows or wet-edge pools keep the water at the same level as the deck, so water flows over the pool's edge and disappears into a trough under the decking. The water seems completely still, even when the circulation system is running, turning the surface into a mirror image of the surroundings. Reflecting pools are a great focal point for any landscape.

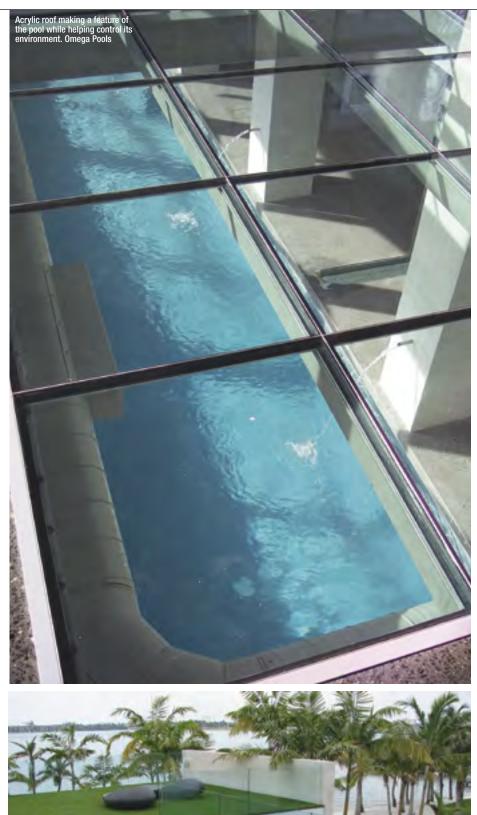
About 30 per cent of Aquatic Consultants' projects have multiple bodies of water, including reflecting pools.

"One of our projects in Bermuda has black granite vessels with black stone sculpture artwork and strategically located trees that reflect from the pool onto the front door," said Van Bower. "Another, in Sarasota, Florida, has a dramatic front entry feature. Stepping stones are set into the reflecting pool leading up to a glass enclosure at the front door. You can achieve real drama and elegance with these pools.

"We're building reflecting pools about twice a year are they're growing in popularity," says Ruddy. "They are wonderful when used as a backdrop so it seems like there is a continuation of the pool outside of it. We take the line of sight into consideration at sites. If it's not a good line, we try to develop a way to make it appear good. Find a space where, at certain times of the day, a reflection of the trees and landscaping are reflected back into the swimming pool.

"A current project we're doing is on a





"We have fire on approximately sixty per cent of our projects today, as compared to about ten percent five years ago."

property that backs onto the woods. It's a new home, and the backyard will have a cabana and pool. By using the right colours and tile treatment in the pool, and using clean edges, the water will pick up the reflection of the woods nicely. Coping can break up the reflection, so we avoid typical treatments when we want a good reflection."

#### Shade structures

The days of drab patio umbrellas and uninteresting roof structures are past. Homeowners want to live outdoors in their own backyard more than ever. They want their favourite room in the house to be outside, and often they're willing to invest as much, if not more, than they do in their formal living room, dining room or bedroom. That translates to having shade structures that offer protection from the sun, add to privacy and create a warm, intimate atmosphere.

"We're incorporating a lot of pergolas in our projects today," says Ruddy. "Often they're placed as a backdrop beyond the pool. People can grow vines over them to create colourations, and eventually the plants will create a shaded area."





He says that Omega designs the pergolas and has them built. They are fabricated on site. Materials he prefers are fibreglass units that are finished to look like wood, but they require no maintenance like their real wood counterparts.

Another example of how Ruddy creates shade is by installing umbrellas in shallow lounging areas of the pool.

"We construct the floor of the lounging area with the holes to support the umbrella poles," he says. "People like to put lounge chairs in these areas as they need shade on hot, sunny days. When they're not using the pool, they pull out the umbrellas to store them, and caps fit over the holes in the floor of the pool."

"Shade structures can be designed in an unlimited number of configurations, and done right, they add beauty to the landscape," says Van Bower. "Shade sails, for example, in trapezoidal shapes. People like to spend time in their pools, but they can't stay out in the sun for long, so we often design custom frames to cover the entire vessel and cover it with Sunbrella fabric to coordinate with the decor. We attach a crank so it can be opened and closed easily. We add shade structures on our plan proposals and they sell extremely well."

Aquatic Consultants is a dealer for Tuuci umbrellas, and so has full access to the shapes, sizes and designs available.

#### **Entry options**

A few years ago beach entries were getting a lot of attention in the pool industry, but Van Bower says they've fallen out of fashion for a few reasons.

"They don't look appropriate in every pool," he says. "People have to walk through them to get to enough water to do anything, and they collect dirt."

Alternatively, he does promote shallow lounging areas. "These are from five to eightinches deep so people can lie down and not get their noses wet," he said. "You can add a great visual effect by installing a foam jet system in a lounging area. We often bring the patio surface material into the lounging area to make a softer visual transition from dry to wet. People like to put lounges in these areas, and they sit better on patio materials than they do on pool surfaces."

He also likes entries on both ends of a pool when possible.

"Entering the pool from either end makes it more functional and better for playing games," he said. "And if people are in the deep end of a pool with one entry, but want to get to the other end, they have to swim across or climb a ladder. Double entries are simply more convenient."

Omega tends to use the same pool finish material in its lounge entries.

"We usually feel it's a separate area from the deck, and it seems to have a better fit in our applications," he says. "We will do araduated levels from the entry however. For example, the edge of the pool will have coping and the typical six-inch tile beneath it. You step into a flat area with five or six-inches of water. This is the lounge area, which is a great place for kids to play. Several feet beyond this area is another set of steps that takes you into another flat area that's about three feet deep. Again, it's perfect for people who want to be in the water, but not over their head. Another set of steps will then take you into deeper water. It's like having a few pools in one, with a depth level that fits everyone's desires."

He also likes entries on both ends of the

pool. On the deep end, the pool doesn't graduate like it does on the shallow end, but people are able to walk out of the pool comfortably.

#### **Misters**

The only downside to misters, especially in hot climates, is that some women don't want the moisture messing up their hair. The fine spray they emit doesn't soak people, but rather "dusts" them with cool, refreshing mist. Van Bower says that they can add an extreme amount of comfort to landscapes when the temperatures soar.

"Misters are not terribly expensive," he says. "They require a high pressure pump, pipe and a water supply. And they don't waste a lot of water because they're generally used only when people are in or around the pool."

He particularly likes mosquito misters.

"These systems have a flower essence in them that repels insects, and the manufacturers claim that the essence is totally safe for humans and animals," he says.

Misters can also add visual effects, such as rolling fog, and they can be placed around waterfalls to resemble natural hot springs.

Ruddy says that because of the short and changing seasons in the north-eastern



Tiled wet edge adding that extra touch of class. Omega Pools



United States, where most of Omega's projects are done, misters are used primarily for fog effect in landscape designs.

#### Lighting

As dusk settles in and people reach for the light switch, they're also turning on a beautiful ambience. Few things add atmosphere to a landscape as much as strategically placed lighting.

"We obviously like after-market options and lighting falls into that category," says Van Bower. "Dimmable lights are very popular because homeowners can increase or soften lighting according to their likes and needs."

The bright, colourful lights that automatically change from one shade to another, or move with music, have faded from popularity. Van Bower says that, with rare exceptions, disco lighting is definitely out. He leans toward small fixtures that can be used in the shallow ends of pools and other vessels.

"I find that white LED lights are best in most applications," he said. "We've found some small square fixtures for inside the pool, which work nicely with tile. They result in a neater appearance, and they fit better.

"We also try to incorporate landscape lighting into our plans," he says. "People

spend more time around their pools than in them, and the right lighting can make or break a beautiful landscape."

Van Bower says that any design/build company could learn a lot from Janet Lennox Moyer, owner of Jan Moyer Design in Brunswick, New York. Besides being a landscape light designer and author of several books, including She Paints with Light, Moyer lectures extensively about landscape lighting. She is also the director of the Landscape Lighting Institute, which offers the most exhaustive and comprehensive training regarding landscape lighting.

Ruddy is also using smaller lights, mostly LEDs.

"We're somewhat lax in outdoor lighting innovations in the United States," he says. "European countries are way beyond us with amazingly designs and effects, but the companies often cannot get approval from UL [Underwriters Laboratories] to sell them in the US."

Omega often turns to lights from companies that don't even specialise in pool lighting in order to find lights that are unique and that fit its projects perfectly.

#### **Clear panels**

Glass and acrylic panels are being used in many creative pool projects today. Ruddy says one project his company embarked on was building a clear panel floor system that fitted over an indoor pool.

"The client can close the cover and convert it into a dance floor or anything else he wants to use it for," he says. "Another, also an indoor project, was on the floor beneath the dining room. People can look into the pool while dining, or look into the dining room when they're swimming."

One current Omega project is particularly challenging. The company is building a spa at the end of a pool on the sixth floor of a building in Manhattan, New York, using acrylic walls. The wall extends at a 35-degree angle, so people in the spa can look at the street, and people on the street can see into the spa.

Van Bower is an advocate of using clear panels in a variety of applications, saying there is a huge upswing in the demand for them.

"One project we did in Round Hill, Jamaica, involved the renovation of the existing pool. The villa has numerous rooms and is on a mountainous landscape. Two of the rooms were beneath the pool, and they were very dark and damp. We put porthole windows with clear panels in the rooms that looked into the vessel so people in them could watch the activity inside the pool."



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Call us today for technical sales advice and the location of your nearest distributor, or visit www.raypak.com.au • www.accentwater.com.au Van Bower has used clear panels in numerous other types of applications as well, such as on the floor of a pool that is above a lower floor, to separate sections of a landscape while allowing light to flow uninterrupted.

"A clear divider wall between the pool and spa is a great effect," he adds. "It gives the allusion that nothing is holding back the water."

#### **Exciting materials and treatments**

As outdoor living increases in popularity, so does the nearly unlimited variety of hardscaping materials available to designers and builders.

Tile has always been recognised as the best pool and spa finish material with the longest life. Options today stretch far beyond those squares of white or other boring colours of past years.

Stephanie Leilani Duerden, public relations representative and event coordinator for Oceanside Glasstile, a manufacturer of highquality, artisan glass tile, located in Carlsbad, California, says that because glass is impervious, it can be used practically anywhere, noting that barbeque islands, pools and spas are in that mix.

"Glass swimming pool tiles are completely waterproof and long lasting when installed correctly," says Leilani Duerden. They are also frost proof, making them great for use in just about any climate. And the design capabilities with glass tile turns pools and spas into luxurious experiences. The iridescent finish especially offers so much life and motion that paired with water it's hard not to admire it."





Oceanside distributes worldwide. In Australia and New Zealand they are distributed by Aeria Country Floors. Go to www. glasstile.com to find other distributors.

Nothing will make people grab their drinks and head for the door faster than buzzing, biting mosquitoes, and most people hate spraying insect repellants on their skin and clothing.

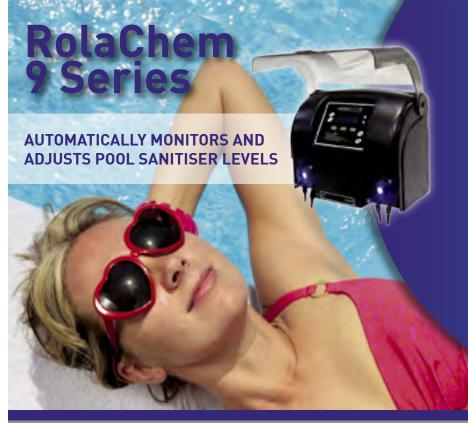
"BuzzOFF" mosquito misters approach backyard insect problems on an individualised basis as no one solution fits all situations. Its approach is based on integrated pest management practices, relying on a combination of scientific knowledge and common sense.

Dealers for the company receive comprehensive training, and they know how to determine the right installation application for each landscape project. Its misting systems are designed with flexibility and assembled with durable parts that provide many years of trouble free operation.

Parasols, pavilions and lounges, in addition to the anchors and fabrics, are what Tuuci, headquartered in Miami, Florida, is all about. The company distributes internationally, and is a premium umbrella company manufacturing unique designs which have received international design awards.

Tuuci was born from the marine industry, and consequently every product it creates is meticulously engineered to perform in any environment. Made of marine-grade aluminium and stainless steel components, the parasols reflect elegant style, durable design and serviceable engineering. Go to www.tuuci.com for more information. S





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New Zealand distributor." Hugh D. Smith, Director Of Pool Group - APAC

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#### Show opening hours:

Wednesday 17<sup>th</sup> August 10am-5pm Welcome Reception 4pm-5pm Thursday 18<sup>th</sup> August 10am-4am

## Dynamic Education Sessions Confirmed

#### Pre Show Workshop Sessions Tuesday 16th August 2011



1.00pm - 2.30pm **Importance of water balance** Paul Jacobson, Consultant Exploring the need for water balance and the impact it has

on swimmer comfort, chlorine efficiency, water clarity and protection of pool equipment.

A must for those attendees wishing to understand water balance and effectively communicate the technical aspects to the pool owner in a practical manner.

- Need for water balance?
- Managing water balance
- Problem solving water balance

#### 2.45pm - 4.00pm

#### Importance of healthy water to the overall swimming experience Paul Jacobson, Consultant

Exploring the need for sanitisers, reviewing industry options and discussing the questioning process that provides the pool owner with the best sanitiser option.

A must for those attendees wishing to know more about sanitiser options, how they work and how best to communicate their benefits to the consumer.

- Need for sanitisers?
- Reviewing sanitiser options
- Choosing the best sanitiser option based on consumer needs not wants

#### 4.15pm - 5.45pm **Problem solving Algae and Scale / Metal Staining** Paul Jacobson, Consultant

Exploring the causes, types and methods to prevent or remove these problems.

A must for those attendees wishing to understand why problems occur and the options available to either prevent or rectify them.

- What causes these problems?
- Options or methods for fixing the problems
- Prevention versus cure

#### Wednesday 17th August 2011

10.15am - 11.00am

#### Making the most of water chemistry in times of climatic and environmental change

#### Paul Jacobson, Consultant

Considering the impact on pool water management given today's climatic and environmental challenges. A must for those attendees wishing to provide pool and spa owners with effective chemical solutions to better climate proof their pool or spa for maximum enjoyment.

- What impact does our current climate have on managing pools and spas?
- What is required to manage the effect?
- What opportunities exist? And how can we benefit?



11.15am - 12.00pm Getting Green (\$): Green equipment for the green consumer for maximum profits Hugh Smith, Pentair Water Pool & Spa

Learn how to maximise your sales by tapping into the growing demand for green, eco-friendly, efficient and reliable products. Attendees of this seminar will develop an understanding of technical principles and attributes behind energy conserving and eco-friendly technology. Learn to intelligently converse with and educate consumers on ecofriendly technologies, their benefits and the anticipated savings and payback through their implementation. Additionally, attendees will learn how to augment their sales approach to increase closure rates and maximise profits through up-sale opportunities. Attend this course to meet the growing demand for environmentally friendly consumer products.



#### 12.15pm - 1.00pm Reducing Chloramines and THMS in Indoor Swimming Pools

Dr Ole Gronborg, world leader in the design of heated indoor pools

Chlorine by-products like Trihalomethane (THM) and Chloramine Formation in indoor pools is known to adversely affect bathing comfort and

more importantly, swimmers health. Trihalomethanes and Chloramines are formed when human water pollutants combine with chlorine. New Danish science demonstrates that human skin cells, ranging in size from 10-30 micron, dissolve in sand filters, and are the primary cause for the unwanted chlorine by-product formation. A new Water Treatment System removes the skin cells on a continuous basis, reducing the organic load in the pool. The system, now installed in 30 Scandinavian public indoor pools, reduces chlorine demand by +40%, backwash water usage by +60% compared to sand filters, and energy consumption by +50%. The author explains the history of how the technology was developed, the scientific work performed in cooperation with the Danish government and research institutions, and answers questions.



1.00pm - 2.00pm Driving customer growth through innovation and investment Graeme Abbot, General Manager, Ha

Graeme Abbot, General Manager, Hanmer Springs Thermal Pools and Spa

During his tenure Graeme has overseen significant investment in the complex.

This investment has resulted in strong customer growth and satisfaction levels. Annual profit is now in excess of two million dollars per annum.

In 2010 a further \$7.5m was invested in the complex with a resulting 15% growth in visitor numbers for the first six months of 2011. Graeme will present on the project itself, its highlights, its challenges and why he thinks it has been successful.

#### 2.15pm - 3.00pm More regular oxidation - why?

#### Paul Jacobson, Consultant

Exploring the need for oxidation, viable oxidiser options and understanding the overall impact oxidation has on sanitiser efficiency.

## Exhibitor Directory

A must for those attendees wishing to provide pool and spa owners with an effective oxidation program that delivers continual sparkling clear inviting water.

- Need for oxidation?
- Oxidation process.
- Oxidation options.
- How best to communicate oxidation benefits to consumer.



#### 3.15pm - 4.15pm Pool Shops, Marketing, and the Internet

Max Williams, Principal Consultant, My Red Zebra Pool Shops are amongst the most affected of traditional retail stores being hurt by the internet. Pool shop owners are at their wit's end looking

for an answer. Traditional marketing techniques seem powerless to prevent the steady loss of sales and profit from this new and powerful predator!

New approaches to retailing, sometimes called 'The New Age of Retailing', do provide an answer, but these don't seem to fit into a pool shop.

In this session, we examine why some internet sites present such powerful price competition, and how we can negotiate a few answers to these problems. More importantly, we examine a more constructive approach. Here we learn how to use the internet ourselves to build customer value, and grow our own pool shop traffic!

#### 4.00pm - 5.00pm Welcome Reception

To be held on the show floor, it's free for delegates and exhibitors to attend.

#### Thursday 18th August 2011

#### 10.15am - 11.00am

#### What makes Treating Spa water different to pool water Paul Jacobson, Consultant

Looking at the challenges of effectively managing spa water chemistry in an environment where the water is usually aerated, heated, and considerable less volume than a pool. A must for those attendees wishing to understand the chemical process required to deliver healthy, bacteriological free spa water, that looks good, feels great and protects the life of the spa equipment.

- Importance of Chemically cleaning spa surfaces, filter media and piping.
- Managing water balance
- Sanitiser alternatives (primary and secondary options)
- Oxidation options
- Problem solving, cloudy water.
- Continued maintenance program.

#### 11.30am - 12.30pm

#### Hydraulics and Pump Selection

#### Hugh Smith, Pentair Water Pool & Spa

Learn how to set flow rates, calculate total dynamic head and select a pump for existing equipment. Understand the limits of existing equipment, how to create a system head curve and how to identify and avoid hydraulic problem areas.

#### AFLEX TECHNOLOGIES LTD

239 Haven Road, PO Box 1292, Nelson Phone: 0508 423 539(NZ) 1800 147 017(AUS) Fax: 03 546 8112 Web: www.aflextechnology.com



#### **AQUA CLEAR**

#### Stand 12

Aqua Clear Products Ltd is the New Zealand distributor for AstralPool, Spa Electrics, Lo-chlor chemicals and Crystal Fountains. A NZ owned and family run business. We have been supplying the NZ industry with the best in filtration, underwater lighting and water feature products for almost 20 years.

At this years Splash trade show we will be displaying a full range of energy efficient products designed to meet the demands of todays consumer along with a range of commercially orientated products and water features.

PO Box 58-983, Greenmount Auckland 2141 Phone: 09 273 4103 Fax: 09 273 4104

Email: mike@aquaclear.co.nz Web: www.aquaclear.co.nz

#### **AUSTRAL POOL & SPA PRODUCTS**

#### Stand 22

Importers and distributors of an extensive range of quality swimming pool and spa pool equipment and accessories. The company is privately owned and operates from a 10,000 sq ft warehouse in Auckland.

Austral represent some of the leading brands recognised in the international pool and spa industry such as Zodiac, Pool systems, Riversands, Speck Pumps, Filtron Filters, Oasis Heat Pumps and Onga/Pentair.

We pride ourselves on the experience and high level of service we provide to the New Zealand pool and spa industry.

PO Box 51170, Pakuranga Auckland 2140 Phone: 09 570 9570 Fax: 09 527 7641 Email: info@austral.co.nz Web: www.austral.co.nz

#### **BMH POOL SUPPLIES NZ**

#### Stand 17

BMH Pool Covers specialises in the manufacture and distribution of pool covers, reels and spa covers. We focus on selling through a nationwide network of pool shops and pool builders. We have products to suit all pools ranging in size from domestic to commercial. Over the years we have established ourselves as an industry leader. BMH offers its clients the benefits of 15 years experience and technical knowledge. Need solutions to pool cover problems? - then make the call to BMH.

Check out our systems at site # 17 at this year's show, or see our website www.bmh.co.nz

PO Box 258 068, Greenmount Manukau 2141 Phone: 0800 100 337 Fax: 0800 100 388 Email: sales@bmh.co.nz Web: www.bmh.co.nz

#### **CENTAMAN SYSTEMS**

Suite 4, 101 Station Rd, Penrose Auckland PO Box 112 364, Penrose, Auckland 1061 Phone: 09 579 4600 Fax: 09 5794670 Web: www.centaman.com



### Exhibitor Directory

#### **CLASSIC ABOVE GROUND POOLS**

#### Stand 15

Classic Pools are the aboveground pool professionals. Specializing in the sale of aboveground pools suited for above or in-ground installation. Classic Pools is Australia's largest aboveground pool retailer and has been judged Best Above Ground Pool in Australia for four consecutive years. With the largest stockholding in the southern hemisphere Classic Pools can supply you with the full package. From the largest and most advanced product range to hands on company support. We offer a huge array of exclusive products to complement the Classic Pool range including wedding cake step entry systems, safety benches, solar blankets, waterslides and much more. Let our 25 years of retail excellence help you become a market leader in the sale of aboveground pools.

PO Box 4666, Loganholme QLD 4129 Australia Phone: 07 3451 2888 Fax: 07 3451 2899 Email: josh@classicpools.com.au

Web: www.classicpools.com.au

#### DAVEY WATER PRODUCTS LIMITED

#### Stand 14

Davey commenced business in 1934 and today, as Davey Water Products, manufactures and distributes a comprehensive range of products for transfer, conservation, treatment and filtration of water. Davey has maintained its commitment to research and development, resulting in innovative new products servicing specific and emerging market opportunities. Many of these products have received multiple awards for innovation and excellence.

Davey Water Products manufactures a range of domestic and commercial swimming pool products including salt water chlorinators, pumps, filters, heaters & pool accessories. These products are marketed under Davey and Monarch Series brands.

PO Box 14641, Penrose Auckland 1741

Phone: 09 570 9135 Fax: 09 527 7654

Email: dwelch@dwp.co.nz / awright@dwp.co.nz / tstrydom@dwp.co.nz Web: www.daveynz.co.nz

#### EAGAR FOR LEISURE

Unit 9/ 16 Jamaica Dve Grenada North, Wellington 5028 Phone: 04 232 2665 Web: www.efl.net.nz



#### **EASYCARE PRODUCT**

#### Stand 11

EasyCare Products proudly introduces the latest technology with its envirosafe and non-hazardous products, Scaletec Plus and Beautec. Considered the best de-scalers in the USA for the removal and maintenance of pool water-line calcium surface and tile deposits without scrubbing or acids. For the rendering of pools, Startup-Tec; tested at Cal Poly University, is a proactive treatment for the prevention of plaster dust, staining and mottling. The result is crystal clear water upon filling that pools virtually require no brushing.

PO Box 12362, Fresno California 93777 USA Phone: +1 559 299 7660 Fax: +1 559 831 3043

Email: eserrano@easycarewater.com Web: www.easycarewater.com

#### FILTERMASTER (NZ) LTD

#### Stand 2

Filtermaster is a fully NZ owned and operated manufacturer and distributor of top quality pool and spa equipment. There will be a full range of Filtermaster products on display at the Splash Show.



PO Box 305-422, Triton Plaza North Shore Auckland 0757 Phone: 09 4756270 Fax: 09 4756273 Email: filtermaster@xtra.co.nz Web: www.filtermaster.co.nz

#### FILTRATION AND PUMPING COMMERCIAL LTD

7 Tiki Place Palmerston North, New Zealand 4412 PO Box 411, Feilding New Zealand 4740 Phone: 06 358 1933 Fax: 06 356 6218 Web: www.filtrationandpumping.co.nz



#### HOT WATER HEAT PUMPS

#### Stand 16

Hot Water Heat Pumps Ltd is a leading Manufacturer of quality heat pump water heating products. All "Performance Plus" swimming pool heat pumps are designed for the best possible efficiencies abiding by all possible refrigeration standards. All "Performance Plus" heat pumps are rated for harsh, corrosive costal conditions giving them a long life expectancy. Hot Water Heat Pumps Ltd are proud of the "Performance Plus" product range and its long history as a long life, quality product that is sort after worldwide in a variety of applications. Back up your own good name with a "Performance Plus" heat pump. PO Box 21586, Henderson Auckland

Phone: 09 838 9444 Fax: 09 8386 223

Email: info@poolheating.co.nz Web: www.poolheating.co.nz

#### IAN COOMBES LTD

34 Acheron Drive, PO Box 33 202, Christchurch Phone: 03 348 2072 Fax: 03 348 2075 Email: info@iancoombes.co.nz Web: www.iancoombes.co.nz



#### **PENTAIR WATER POOL & SPA**

#### Stand 22

Pentair Water is based in Melbourne with distribution offices around Australia and New Zealand. Operating under the umbrella of the



Pentair group, Pentair Water AU/NZ has an extensive brand portfolio and product range. 2 Redwood Drive, Notting Hill VIC 3168 Australia

Phone: 0800 654 112(NZ) 1800 664 266(AUS) Fax: +61 3 9574 4121 Email: au.sales@pentairwater.com / nz.sales@pentairwater.com Web: www.onga.com.au

#### **POOLSTORE INTERNATIONAL**

Poolstore International provides a full range of Filtration, Heating and Water treatment equipment for Pool builders and serviceman in both domestic and Commercial. The company



prides itself on Industry knowledge and backup service. Whether you require product or consultation services we can help. "We have the answers". Poolstore International is the exclusive distributor for Poolstore International PTY Ltd. Other products distributed are TPS dosing systems, Glow & Flow LED lighting, Enviroswim, and Sika building products. Poolstore has a large range of PVC fittings and valve products available.

Poolstore is based at 368 Neilson St Onehunga Auckland 368 Neilson Street, Onehunga Auckland 1061 Phone: 09 634 5842 Fax: 09 634 5873 Email: poolstore.admin@paradise.net.nz Web: www.poolstorenz.co.nz Filtermaster as a major supplier to the NZ pool industry is proud to be a sponsor and exhibitor in the Splash! NZ show to be held in Wellington August 2011. We look forward to showing the NZ and Australian pool industry our range of newly designed products ready for launch this coming season. Steve Budden - Managing Director, Filtermaster (NZ) Ltd

#### POOLSTUFF

5/15 Trugood Drive, East Tamaki 2013, PO Box 64-354, Botany Downs, Manukau 2142 Phone: 09 274 7406 Fax 09 274 7404 Email: info@poolstuff.co.nz Web: www.poolstuff.co.nz



#### POOL SYSTEMS

#### Stand 22

Pool Systems is a specialist manufacturer and supplier of pool, spa and leisure products. They market the popular retail brands, Aussie Gold, Life Spa & Hot Tub Essentials and Swimsportz Leisure products sold in pool stores across Australia and New Zealand. As market leaders, Pool Systems continues to invest in R&D and sourcing, bringing the latest worldwide trends to the pool and spa industry. View our catalogues online at www.poolsystems.com.au

PO Box 5225, Brendale QLD 4500 Australia Phone: 09 570 9570(NZ) / 07 3889 6722(AUS) Fax: 09 527 7641(NZ) / 07 3889 6614(AUS) Email: aramsay@poolsystems.com.au Web: www.poolsystems.com.au

#### **PSP LTD**

#### Stand 18

ClearVue Acrylic & Aluminium Pool Fencing. ClearVue Polycarbonate Roofing System PO Box 101851, NSMC Auckland Albany 0745 Phone: 09 415 2800 Fax: 09 415 2809 Email: jason@psp.co.nz Web: www.psp.co.nz

#### **SKILLS ACTIVE**

Level 1, ITO House, 180-188 Taranaki Street PO Box 2183, Wellington 6140 Phone: 0508 475 4557 Fax: 04 385 7024 Web: www.skillsactive.org.nz



#### SMOOTH-AIR PRODUCTS

#### Stand 19

New Zealand's Pool Ventilation Specialists

Smooth-Air Products Ltd is a manufacturer, importer and wholesaler of Ventilation and Air Conditioning components.

The Air Change PoolPac by Smooth-Air products is designed to efficiently heat and cool high volumes of outside air necessary to remove condensation, chlorine and other contaminants in order to maintain a safe non-corrosive indoor pool environment. The heat exchanger recovers up to 80% of the energy contained within the exhaust air thereby minimising the indoor pool ventilation and heating bills. This multi-awarded technology features in some of New Zealand's most prominent, gyms, indoor pools, retail outlets and hospitals PO Box 8358, Christchurch

Phone: 03 3436 184 Fax: 03 3436 004 Email: john@smooth-air.co.nz Web: www.smooth-air.co.nz

#### SOLAR GROUP

#### Stand 10

Heliocol, world leader in solar pool heating systems!

Visit our stand to learn more about the latest technology in solar pool and solar spa – the Eco Flare. We also display the SPLASH on-line energy monitoring system. ... and do not forget to ask us about our FREE BEER voucher! See you shortly PO Box 35588, Browns Bay North Shore 0753 Phone: 09 477 2999 Fax: 09 353 1445 Email: solar@heliocol.co.nz Web: www.heliocol.co.nz

#### SOUTH PACIFIC POOL ENCLOSURES Stand 4

We are pleased to offer to New Zealand and Australia Telescopic Swimming Pool Enclosures, Spa Domes and Veranda Enclosures. Our products are manufactured In Europe and we are a member of the International Association of Qualified Manufacturers and Sellers. All enclosures are constructed using Aluminium for the profiles with Polycarbonate infills.

With our extensive product range we are able to offer a variety of styles and colours to suit every situation, from small pre-assembled enclosures to large enclosures that are assembled on-site. Your clients will now be able to maximise their pool or spa while enjoying the many extras benefits that our products offer. We look forward to meeting you at SPLASH 2011. PO Box 43035, Wainuiomata Lower Hutt 5048 Phone: 04 56 1509 Fax: 04 5644 9055 Email: sp.poolenclosures@xtra.co.nz

Web: www.poolenclosures.co.nz

#### WATERCO

#### Stand 5

Waterco is an Australian public listed company involved in the design and manufacture of an innovative range of equipment and accessories for the global swimming pool, spa and water treatment market. Waterco's efficient manufacturing processes, advanced fiberglass winding and plastic moulding techniques, deliver high quality products at exceptional value. Waterco exports to over 40 countries globally via sites in Australia, New Zealand, North America, Canada, Europe, Malaysia, China, and Indonesia. The company is world recognized for its many innovative products including the award winning multi cyclone pre filter and its large commercial nozzle plate filters.

PO Box 9942, Newmarket Auckland 1006 Phone: 09 525 7570 Fax: 09 525 6580

Email: mike.alexander@waterco.com Web: www.waterco.co.nz

#### WATER SAFETY NZ

Level 3, 202-206 Cuba Street PO Box 10-126 Wellington 6011 Phone: 04 801 9600 Fax: 04 801 9599 Web: www.watersafety.org.nz



#### ZODIAC

#### Stand 24

Zodiac is pleased to be an exhibitor at SPLASH! NZ 2011. Visit our stand



and be among the first to check out our new product releases for Summer. We'll be launching the Baracuda MX8 and the Zodiac V1; the latest additions to Zodiac's pool cleaner family. Plus, the energy efficient FloPro ePump and the new addition to our Heat Pump range - Power. Whilst you're at the stand you can also learn more about our range of chlorinators, digital pool controllers, valves, filters, water features, chemicals, covers and rollers. We look forward to seeing you there! 13 Douglas Alexandra Parade, Albany Auckland Phone: 09 4153670

Email: jason.lines@zmp-zodiac.com Web: www.zodiacpools.co.nz



#### Just Add Water Seminar

#### 50th Anniversary Conference

The Just Add Water Seminar (JAWS) is New Zealand's annual Aquatics Conference and one of the events most looked forward to on the NZRA professional development calendar. **This year JAWS will be held at Te Papa in Wellington on 18-19 August 2011.** 

Each year JAWS attracts over 150 delegates all areas of the Aquatics Industry, including facility owners, operators, managers and coordinators, industry consultants and local government personnel.

To book for JAWS please visit www.nzrecreation.org.nz

#### Looking for accommodation?

Wellington has it all – from 5 star to cute B&B's – check out www.splashnzexpo.co.nz, click on flights and accommodation for details. Looking for something out of the ordinary? Email melanie@ intermedia.com.au your details and she will be happy to assist.

Experience it personally. InterContinental Wellington is the only internationally branded five star hotel in the Capital. 231 guestrooms and suites ensure you have the opportunity to relax in luxury. Dine from the seasonal menu in Chameleon Restaurant or get Tex Mex'd in Arizona. Emerge Health Club offers an indoor pool, spa, sauna and fully equipped gym as well as a range of relaxing massage options.





#### Te Papa - Cable St, Wellington

Te Papa is New Zealand's bold, innovative and interactive national museum. Explore the great treasures and stories of this country – its unique natural environment, Mäori culture and taonga (treasures), dynamic art heritage, and its fascinating history. Open every day from 10am to 6pm and until 9pm on Thursdays. General admission is free. Supported by



#### Pre register for FREE to attend the exhibition

🖳 www.splashnzexpo.co.nz

🐛 NZ 0800 451 590 / Aust 1300 789 845



#### Wellington On a Plate

New Zealand's premier culinary festival, Visa Wellington On a Plate, is serving its third course from August 5-21. In this year's festival programme you'll find a feast of over 80 events to please every palate and budget. The festival centrepiece, DINE Wellington, sees more than 100 of the region's finest eateries offer lunchtime set menus and delectable dinner offers. We also welcome the return of 2010's popular 'battle of the burger', with 50 eateries bidding to claim the Burger Wellington winner's title from inaugural winners, Lembas Café. Check out www.wellingtononaplate.com

#### What people said about SPLASH! 2009 – DON'T MISS IT!

"It's been superb, absolutely superb. Mainly because we've got people coming from down country we don't normally get down to see."

**Clive Pigden, SSL** 

"Had an amazing day. Been a great show,a lot of people coming steadily through to see the Zodiac Tri-Pro – everyone seems to want it yesterday!"

#### John Poole, Austral

"I travelled 30,000 kilometres to be at the show, from just under the Arctic circle. Came through seven airports – you should see the duty free! It's a great show, has a nice feel to it, much friendlier than the big European shows. Some of those shows you can get lost, but one like this you've got time for people."

Brian Collins, Teksun



#### **Boutique Beer Tasting Tour**

#### **One Hour Boutique Beer Tasting**

Gather a group of 10 or more guests and experience a Wellington treat! Let one of our beer experts inform and entertain while tasting top quality beer in a great Wellington bar venue. Learn, taste and enjoy! Tasty accompanying food and tasting notes included.

Price: \$50 per person all inclusive for groups of 10 or more. Contact us for your booking: www.wildaboutwellington.co.nz or Jennifer Looman 0274 419010

#### Three Hour Boutique Beer Tasting Tour

The tour for those who want to take in three bar venues across the stunning capital. Taste wonderful beer and great food across three venues in three hours. This tour for groups of four or more guests is the ultimate boutique beer event and is hosted by a true beer expert.

Price: \$190 per person all inclusive for groups of 4 or more. Contact us for your booking: www.wildaboutwellington.co.nz or Jennifer Looman 0274 419010



# We currently stock the whole range of Pentair products plus...



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- Astral Pool
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- Baracuda & Clearwater spares
- Barfell
- Chemigem spares & units
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- Hammerhead cleaners by onga
- Hurlcon spares & pumps
- Jetvac
- Joy
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- Waterco
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#### Partner Sponsor



The Swimming Pool & Spa Association of NSW would like to thank the following sponsors for their support and participation in the SPASA NSW Gala Awards Night held on the 18th June at Curzon Hall at Marsfield.

The SPASA NSW Annual Gala Awards are just a snapshot of what our members can achieve. The Awards give SPASA NSW members a chance to showcase their skills, creativity, innovation, sheer hard work and spirit.

Having a strong industry association is crucial to having a well represented, promoted, safe and dynamic industry. SPASA NSW applauds its sponsors for their contribution in safeguarding our industry through their continual support.

#### The Swimming Pool and Spa Association of NSW

32 / 350 Liverpool Road, ASHFIELD NSW 2131 phone (02) 9747 6644 toll free 1800 802 482 fax (02) 9744 7916 email info@spasa.org.au

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