



NZ Association for Gifted Children & Explorers Auckland

One Day Conference and NZAGC AGM

Saturday March 17th 2012

Rangitoto College, Mairangi Bay, Auckland

Gifted Teens, their Social and Emotional Needs

*Bringing together a selection of accomplished speakers with a focus this year on
'The Social and Emotional Needs of Gifted Teenagers'.*

The conference aims to offer information, resources and strategies to help parents, caregivers, educators and schools provide for gifted teenagers.

Seminars for Teenagers

In conjunction with the conference we will offer a range of speakers on topics of interest for teenagers, aimed at broadening and extending their horizons and perhaps offering a glimpse of future options. This may be a catalyst or starting point for some of our gifted teens who have yet to decide on a career path.

Expo

The Expo is designed to provide information and support for our teenagers, their educators and parents/caregivers.

For further details visit our website:

www.giftedchildren.org.nz

Conference co-ordinator:
Rachel Pound ph 09 413 8034
admin@giftedchildren.org.nz



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Saturday March 17th 2012

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Gifted Teens, their Social and Emotional Needs

Programme

8 am – 5 pm Expo

8 am – 9 :30 am Registration

Master of Ceremonies – Professor Roger Moltzen NZAGC Patron

9:30 am – 10:30 am – Morning Tea with the Governor General Rt. Hon. Lt. General Sir Jerry Mateparae. This is also a good time to browse the extensive range of exhibits at the Expo.

10:40 am – 11:25 am - Sonia White – [Profiles of Underachieving Teens](#)

11:30 am - 12:15 pm –Rose Blackett – [The Imposter Phenomenon](#)

12:15 am – 1:15 pm – Lunch

1:15 pm – 2 pm – Kate Niederer – [Big Fish Little Pond Effect](#)

2:10 pm – 3 pm – Workshop Session one

- Francis Hill – [The Maelstrom Years](#)
- Elizabeth McKnight – [School wide gifted support networks](#)

3 pm - 3:30 pm - Afternoon Tea

3:30 pm – 4:30 pm – Workshop Session 2

- Lynn Berresford – [Twice Exceptional](#)
- Chris Herbert – [Gifted Identification](#)
- Cambridge Exams – 3:30 pm – 4:00 pm
- Richard Thornton and Tom Robson Q&A with NZQA - 4 pm – 4:30 pm

4:40 pm – 5:10 pm – [Teen Panel](#)

5:15 pm NZAGC AGM

6:30 pm – 9 pm – Conference Dinner



NZAGC would like to sincerely thank all of our speakers for their generosity in volunteering their time and expertise for the enrichment of our gifted children.

Presentations for Parents and Teachers

Profiles of Gifted Underachieving Teens

Sonia White (M.Gifted Ed)



Underachievers are not all alike, and nor are they all unmotivated! Based upon their extensive experience, Betts and Neihart have revised their 'six profiles of gifted underachievers' and make specific recommendations for both parents and teachers. Sonia will share an overview of these profiles and highlight some specific profiles and ways of turning around underachievement.

Sonia is a gifted education consultant and author of "Designing Defensible Classroom Programs for Gifted Secondary School Learners". She works locally, nationally and internationally in providing professional development for teachers.

Lifting the Mask of the Imposter Phenomenon – Fraudulence amongst High Achievers

Rose Blackett



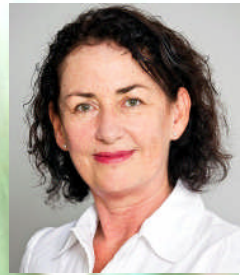
The **Imposter Phenomenon** is characterised by a generalised feeling of anxiety, lack of self-confidence, immense frustration due to an inability to reach self-set high standards, extreme perfectionism, and often depression. Pauline Rose Clance and Suzanne Imes (psychotherapists and professors) first identified this phenomenon in high achieving women. It refers to an internal experience of intellectual fraudulence despite outstanding academic achievements and professional accomplishments. Contributing factors include: conflictual family dynamics, emotionally sparse environments, a fear of 'failure' or 'success', and possessing an introverted personality. These individuals are often driven to find ways of getting validation for their intellectual competence, while secretly doubting their own intellect, skills and talents. Even if they are leaders within their field they find it difficult to accept recognition.

Rose is a registered educational psychologist in Christchurch, New Zealand. She has spent time as a classroom teacher, a Resource Teacher of Learning and Behaviour (RTLb) and a specialist educator in settings for children with significant special needs. Rose serves on the international Supporting Emotional Needs of the Gifted (SENG) Board of Directors, is the current president of the New Zealand Association for Gifted Children (NZAGC), works as an advisor / assessor for the Gifted Education Centre and is on the Canterbury Association for Gifted Educators (CAGE) committee. She has presented on a range of educational topics, in New Zealand and internationally.

The Big Fish little Pond Effect

Kate Niederer

The optimal learning environment for gifted students has been an issue of interest and debate for many years. Of particular interest to schools is the issue of what the academic, social and emotional effects of such grouping might be. While repeated meta-analyses have consistently found homogeneous grouping of gifted students to be of academic benefit, and positive social and emotional effects have also been noted, diminution of students' academic self-concepts on joining a gifted group has been a cause for concern. Marsh (1985) has labelled such changes a Big Fish Little Pond Effect (BFLPE). This presentation will report on an in-depth study of a part-time gifted program. After six months inclusion, five students whose academic self-concepts decreased, compared with five students whose academic self-concepts increased, were interviewed. Students whose academic self-concepts increased were found to have a mastery approach to learning, while students whose academic self-concepts decreased had a performance approach. The non-competitive classroom environment of the gifted program, as well as the approach to learning of the students, appeared to moderate changes to their academic self-concepts for these students.



Kate is an experienced gifted education researcher, lecturer and practitioner. She has worked at all levels in gifted education, from specialist teaching of gifted children to involvement in policy making and national level research both in New Zealand and the UK. She was Deputy Director of the George Parkyn National Centre for Gifted Children in New Zealand and in 2005 was appointed Deputy Director at the National Academy for Gifted and Talented Youth at Warwick University, England. Kate led the team that wrote the Primary Guidance in Gifted Education book that went out to 21,000 schools in England and has presented extensively both nationally and internationally. She has worked on a range of government contracts, both in the UK and NZ, including producing the 'Parental Engagement in Gifted Education' template, toolkit and accompanying report, which was launched from the House of Commons (UK) in April 2007. Her research interests include mathematical giftedness, identification of giftedness and the self concept of gifted students.

Workshops

Session One

School wide Gifted Support Networks

Elizabeth McKnight - "A Rising Tide Lifts All Ships" Joseph S. Renzulli

In 2004 Elizabeth was appointed to the position of Deputy Principal in Rangitoto College, the largest secondary school in New Zealand. Prior to that she had started the Gifted and Talented programme at ACG Strathallan, Karaka, where she was also Deputy Principal. One of the first tasks Elizabeth set herself in Rangitoto College was to audit the existing provision for gifted and talented students and examine the identification and other procedures in the school. Since then a comprehensive policy, systems and processes have been established in the school to support GAT students. Her goal is for Rangitoto College to be the lead school nationally in the teaching of GATE (secondary). Elizabeth transforms the theories into practical action.



Elizabeth McKnight has been a teacher for 32 years. During her career she has been an HOD, a Dean, a Dean's co-ordinator, a Director of Curriculum, and a DP and she has post graduate qualifications in counselling.

The Maelstrom Years

Frances Hill



High IQ does not guarantee high EQ. As the teenage years approach, family relationships may become strained because of the rapidly developing needs of gifted students. Their hypercritical sensitivity may create problems with parents and siblings. A quest for identity may create confusion and concern within the individual and beyond in their support team. What is required is a social and emotional literacy programme which actively teaches emotional intelligence and social competence, covering a full range of intrapersonal and interpersonal competencies.

A SEL program encourages respect for diversity and heightened appreciation of the perspective which developing teenage sensitivities which require. This workshop explores ways of generating MSO's— Mutually Satisfying Outcomes.

Frances is the creator of the Alpha International Digital Portal for Gifted Students. She has taught extensively in the UK and New Zealand. Frances developed her unique accelerated learning programme during her ten years as a school principal. She has always focussed on meeting the needs of gifted students who don't fit the system by reason of disengagement, temperament, learning difficulties or frustration. This work has been acknowledged at international level by the SENG Award for services to gifted students. She is the author of a series of books on the needs of gifted students. Her work has been published in various books and academic journals. She is currently director of Alpha, delivers professional development services to teachers and is an international conference presenter.

"The Maelstrom Years" covers the academic, social and emotional needs of gifted students and their families who support them during this time of rapid change.

Workshops

Session Two

Identification of Giftedness

Chris Herbert

How is giftedness identified? Standardised testing? A big picture approach? Chris has been working as the Head of the Assessment Team for the Gifted Education Centre for the last 10 years, assessing and overseeing a nationwide team of assessors, as well as running her own private assessment practice. She is also a parent of gifted. Chris believes it is essential to not just look at the individual's intellectual ability and needs, but that it is also both relevant and important to consider social and emotional aspects. It is her belief that an educational assessment should be insightful, and the report useful; but also the process should be empowering for the individual as they gain a more clear awareness of their strengths as well as



weaknesses (if any), aspects of their own unique giftedness and hence a greater understanding with regard to their educational experience and also social world. For some, how and why they so often feel different from their own age peers, and/or frustrated within education.

Chris has a passionate interest in giftedness and brings with her a wealth of experience.

Examination Choices

What can each system offer the gifted teenager? What are their drawbacks?



Cambridge International Examinations - what Cambridge can offer gifted teenagers.

Janine Manning-*Janine is the Administrator for the Association of Cambridge Schools in NZ Inc*



Q&A with NZQA – what the NZ Qualifications Authority can offer Gifted Students

NZQA Deputy Chief Executive Richard Thornton and Tom Robson

Twice Exceptional

Lynn Berresford

She has a vocabulary two levels above her peers, but cannot calculate $4 + 6$. He can read a symphony but cannot hold a pencil to write his own name. Are they gifted or learning disabled? The answer is, both.

Gifted children with learning disabilities (GT/LD) are known as "twice exceptional." Sally Reis, principal investigator for the National Research Center on the Gifted and Talented at the University of Connecticut, says that "identifying GT/LD children is very hard because they look to the rest of the world like average achievers. Their superior gifts may be compensating for and masking their learning disability." And in turn, their disabilities may disguise their giftedness.

Lynn is a registered Psychologist with over 30 years of experience working with children, teenagers and adults with exceptional needs. Lynn has developed extensive and practical knowledge of these individuals who learn differently and are Twice Exceptional (2E).



Final Presentation and Conference Closing

Teen Panel "Our Gifted Experts"

Our Gifted kids are always the ones asking the questions. Now it's our turn to ask them the questions. A group of Auckland Explorers teenagers will have some answers.

Attendees can either email questions in to admin@giftedchildren.org.nz prior to the conference or place in the box at Registration on the day. Questions should not be multi-parted. Please indicate whether you are asking as a parent or a teacher. Questions will not be taken from the floor

NZAGC Conference Dinner

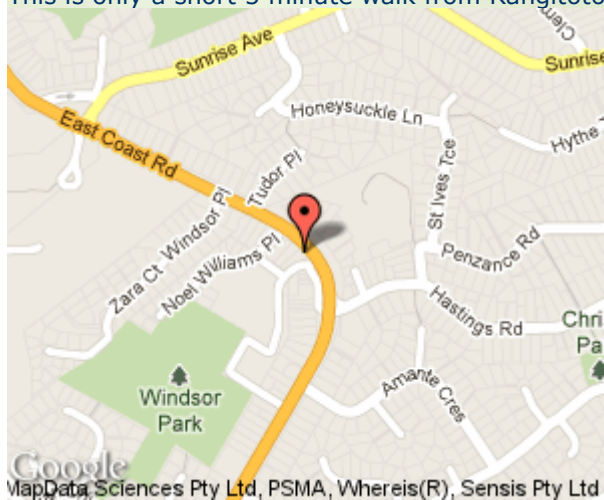
We have made a booking for the conference dinner at:

BONAPPETIT ITALIAN RESTAURANT

544 East Coast Rd, (Windsor Park), Mairangi Bay,
Ph 478 1621

Booking 6.30 pm for 7.00 pm start

This is only a short 5 minute walk from Rangitoto College.



They will provide us with a set menu of \$45 per head for 3 courses including a glass of wine or juice, with options to cover gluten free and vegetarian diets.

EXAMPLE SET MENU

ENTRÉE

Chicken or vege fritter

Calamari

Shrimp Cocktail

Three Cheese Bread

MAINS

Fettuccini di pollo

Fettuccini pasta cooked with smoked chicken, mushroom and creamy tomato sauce

Fettuccini alla carbonara

Bacon and mushroom in creamy sauce

Baked meat lasagna

Layers of past and beef sauce topped with tomato basil sauce and mozzarella cheese

Risotto bona

Risotto with chicken and mushroom in creamy tomato sauce

Salmon fillet

Pan-fried in garlic butter sauce with vegetables and sun-dried tomato dressing

Lamb salad (warm)

DESSERT

Gelato ice cream / Tiramisu /Chocolate cake /Lemoncello

Numbers are strictly limited and places will be allocated on a first come first served basis.



2012 NZAGC / AK Explorers Conference Registration Form

Gifted Teens their Social & Emotional Needs

Please complete Registration form and email to: admin@giftedchildren.org.nz
or post with cheque to: NZAGC, PO Box 47, Greenhithe, Auckland 0756

School _____ Name _____

Contact email _____ Contact phone _____

Workshop Choice session 1 _____

(alternate choice if 1st option booked out) _____

Workshop Choice session 2 _____

(alternate choice if 1st option booked out) _____

Allocations will be made on a first come first served basis. While every effort will be made to ensure attendance at your preferred option, once numbers for a specific speaker have been filled that option will be then be closed.

NZAGC members	\$65	
Family (members) (up to 4 family members)	\$130	
Non-members	\$80	
Family (non-members) (up to 4 family members)	\$160	
Lunch Please specify any special dietary requirements e.g. gluten free, sugar free, particular allergies or cultural considerations.	\$8	
Conference Dinner	\$45	
Accommodation (see below for Rates)		
NZAGC Membership 2012 1 st January 2012 – 31 st Dec 2012	\$50	
	Total	

Payments may be direct credited to NZAGC
Please use Surname as the code and CONF as a reference.
A/C 12-3152-0063899-50
or by cheque to: **PO Box 47, Greenhithe, Auckland 0756.**
Participating Schools will be invoiced February 2012
All registrations from member schools will be charged at the member rate.

Disclaimer / Terms & Conditions

NZAGC and Auckland Explorers is not responsible for loss, damage, or injury sustained while participating in the 2012 One day Conference, Teen Seminars and Expo. NZAGC and Auckland explorers do not provide any liability insurance for protection of individuals, business entities, groups and organisations or others who participate. All attendees will at all times be considerate and respectful of all property and all persons including self.

I agree to the terms and conditions:

Signed _____

For those travelling, we have a limited amount of accommodation available at the Millennium Institute of Sport Lodge situated adjacent to the College. www.mish.org.nz

Single room: \$105.00 per person per night

Twin share: \$65.00 per person per night

Triple share: \$46.00 per person per night- **Please note that triple share accommodation means that one guest per triple share room will be on a roll away bed.**

NZAGC and Explorers Auckland

Teen Seminars Programme

Saturday March 17th 2012 Rangitoto College Auckland

8 am – 5 pm Expo

8 am – 9 am - Registration

Master of Ceremonies – Professor Roger Moltzen (NZAGC Patron)

**9:15 am – 9:30 am –Opening Address - His Excellency Lt. General the Right
Honourable Sir Jerry Mateparae**

9:30 am – 10:30 am – [Jamie Ford](#) keynote - Mental Toughness

10:30 am – 10:45 am –Morning Tea

10:45 am – 11:35 am – [Speaker Option 1](#)

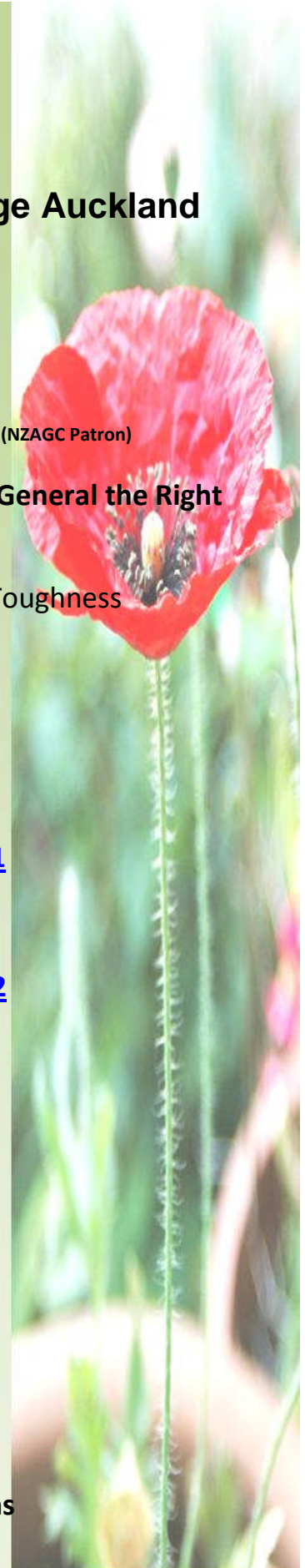
11:45 am – 12:35 pm – [Speaker Option 2](#)

12:35 pm – 1:45 pm – Lunch

1:45 pm – 2:35 pm – [Speaker Option 3](#)

2:45 pm - 3:35 pm – [Speaker Option 4](#)

4:00 pm – Social Sausage Sizzle for Teens



NZAGC and Explorers Auckland

Seminars for Teenagers Saturday March 17th 2012 Rangitoto College Auckland

KEYNOTE SPEAKER

Mental Toughness

Jamie Ford

"Talent is Terrific, but Mental Toughness Matters More"



Recent research shows that if we overly rely on our "talent" we will eventually hit a ceiling. At that point it is the people with less talent but more mental toughness who will continue on. They have what is known as a "growth mindset". They view failure as only a temporary matter and their focus is much more on what they can learn so that they can make progress.

A combination of "talent" and the mental toughness to persevere in finding ways to continually develop our talent and to use it in the pursuit of worthwhile endeavours makes for a fulfilling life and a great sense of wellbeing.

Mental toughness consultant and advisor

Jamie is an expert in working with people to empower them to make changes that lead to a more resilient attitude to life and work, and greater satisfaction and effectiveness in their roles. His clients include The Crusaders Rugby Team, Fletcher Building, The Australian Institute of Management, the University of Auckland, and the Department of Prime Minister & Cabinet of the Australian Federal Government.

Sponsored by



SESSION ONE

Google – (via video link) what's happening at Google Engineering?

Dr Craig Nevill-Manning

Craig is a New Zealand computer scientist who founded Google's first remote engineering centre, located in midtown Manhattan, where he is an Engineering Director. He was one of the people involved in establishing Google Earth. He also invented Froogle, a product search engine.



Dr. Nevill-Manning graduated with a BSc in computer science from the University of Canterbury. He received his PhD from the University of Waikato where he worked on the Weka machine learning suite.

Prior to joining Google in 2001 as a senior research scientist, he was an assistant professor in the Computer Science Department at Rutgers University, and was a post-doctoral fellow in the Biochemistry department at Stanford University. His research interests centre on using techniques from machine learning, data compression and computational biology to provide more structured search over information.

Death – what happens when someone dies?

Norm Murray

This session is a chance to explore what goes on behind the scenes in a funeral home, and to ask as many questions as you like about death, grief and funerals. Sometimes we are left to deal with death without any background knowledge. Norm is going to fill you in. Exploding some of the urban myths and getting honest information goes a long way towards helping people cope with one of life's big events.



Norm was a Funeral Director and Embalmer with more than 20 years' experience before becoming a full-time Funeral Celebrant. Prior to being a funeral director he was Head of the English Department at Glenfield College.

He is the author of *Exit Lines*, a book of verses and poems for saying goodbye.

Queen's Counsel and the Law

Deborah Hollings QC

What is Queen's Counsel? What are the advantages in taking silk? Deb will talk about what her role is and about her law practice.



Deborah is a Queen's Counsel specialising in Relationship and Partnership property, Family Trusts, Medico Legal, Resource Management Act Prosecution and Criminal Prosecution work.

She is a member of the New Zealand Bar Association, The New Zealand Law Society, the Medico Legal Society, the Auckland Women Lawyers Association, the Legal Research Foundation, and the Women Leaders Group (a network group of leading women in government, business and the professionals.)

Sequential Development of Forests – A different theory of evolution

Graeme Platt



Outspoken, sometimes controversial, but never dull. Graeme is New Zealand's leading authority on the Kauri *Agathis australis*. The nurseryman, pioneer, innovator, traveller, writer, speaker, and ecologist –once described himself as 'something of maverick' within industry circles and possibly outside them too.

Wearable Art

Susan Holmes

One of New Zealand's foremost textile artists, Susan is particularly known for her fabulous, fantasy-inspired costumes; she has been involved with fashion and wearable arts for nearly 40 years and won many awards including multiple Wearable Art of the World (WOW) awards.

<http://www.textiles.org.nz/susanholmes/wearableart/wearableart.html>.



SESSION TWO

Artificial Intelligence/Transhumanism

Dr. Mike Barley

Artificial Intelligence (AI) is a multi-disciplinary field including researchers from Philosophy Psychology, Brain Studies, and Computer Science. One of AI's goals is to create entities whose intelligence match or exceed that of humans. Transhumanism is the belief that the appropriate incorporation of technology into the human body will enable people to "transcend" their biological limitations, including the limits imposed by their biological intelligence.

Mike Barley was born in the "Mile High City", Denver, Colorado, in the middle of the last century. He spent most of his younger years in San Diego, California, and never learned to surf. Mike went to High School in London in the mid sixties, where he met the Beatles and was served hors d'oeuvres by Peter Gabriel (then lead vocalist for Genesis). After high school Mike dabbled a bit at University and hitched extensively around the US, where he worked as an itinerant farm labourer, hopped freight cars, and even drove a double-semi lorry (an 18-wheeler) thru Nevada to California. All good things must end, so, in the Seventies Mike went back to London and worked in the Computer Industry, where he got an MSc in Cybernetics and realized that doing research was a lot more fun than working. Mike then went back to San Deigo and got a BSc at UCSD and then a PhD from Rutgers. After a brief stint at Boeing's research labs in Seattle, Mike joined the Computer Science faculty at the University of Auckland, where he can be found playing around happily in the field of Artificial Intelligence.

The Craft of Acting

Jennifer Ward-Lealand



Jennifer will be talking about the craft of acting. She will also cover the viability of being a professional actor in New Zealand.

Jennifer trained at Auckland's influential Theatre Corporate; she has worked extensively in theatre, film and television for over 30 years. She has excelled in both dramatic and comedic roles, as well as numerous roles in musical theatre and cabaret. Jennifer was a founding board member of the Watershed Theatre and a co-founder of The Large Group and The Actors' Program. She is currently President of New Zealand Actors Equity, Patron of Q Theatre, and serves as a trust board member of Silo Theatre. In the 2007 New Years Honours List, she was named an Officer of the New Zealand Order of Merit "for services to theatre and the community".

NIWA-What on Earth is it?

Ken Becker

Ken, the Auckland Regional Manager of the National Institute for Water and Atmospheric Research will give an overview of NIWA which will give some idea of what the future could offer you.

Ken is a marine biologist with a BSc (Hons) from the University of Liverpool and a postgraduate diploma in professional ethics from the University of Auckland. He spent 24 years as a scientist and project manager with Auckland Regional Council, working on marine ecology, water quality, wastewater treatment and disposal, storm water management, and water resource management, before joining NIWA in 2005.



LAW - Some Myths and Misconceptions

Elizabeth Paton-Simpson



What are some of the myths and misconceptions about the law and legal practice? Elizabeth lectured in law at the University of Auckland for ten years, including contract law, privacy law, women & the law, and statutory interpretation. She has also worked in a large-law-firm litigation team, and as a barrister sole.

Orthopaedics

Peter Mutch

Peter will be showing how we can fix the human body and the spare parts that are available.

One of Auckland's leading orthopaedic specialists, Peter graduated from the Auckland School of Medicine, he specialises in Upper Limb (Shoulder, Elbow, Wrist & Hand), Knee, Arthroplasty, Sports Injury, Arthroscopic Reconstruction, and Trauma.



Quantum Physics

Dr.Elke Pahl and Professor Joachim Brand



Husband and wife Elke and Joachim will touch on some of their research at the Centre for Theoretical Chemistry and Physics, New Zealand Institute for Advanced Study at Massey University.

Elke is a lecturer for physics/chemistry at the Centre for Theoretical Chemistry and Physics at Massey University, Albany campus. After studying chemistry at the University of Heidelberg, Germany she completed her PhD thesis in the Theoretical Chemistry Group there. Further research was done at the University of Washington, Seattle, USA, and the Max-Planck Institute for Complex Systems in Dresden.

One big goal in her current research is to understand the exceptionally low melting point of mercury, the only metal liquid at room temperature.

Joachim is Professor of Theoretical Physics at the New Zealand Institute for Advanced Study at Massey University's Albany campus. After undergraduate studies of Physics in Germany and the UK he obtained a PhD from the University of Heidelberg, where he studied the theoretical foundations of molecular spectroscopy. Postdoctoral research fellowships took him to the University of Washington in Seattle (USA) and the Max-Planck Institute for the Physics of Complex Systems in Dresden (Germany) He leads an active research group of postgraduate and post doctoral students. His research interests range from fundamental questions about the properties of exotic states of matter reached at ultra-cold temperatures to possible engineering applications of quantum physical phenomena, as in quantum-enhanced measurement devices.

Taking Risks

Renee Liang

Taking risks and experimenting is a normal part of growing up (though often feared by parents). By trying things out - and making mistakes - we learn what we're good at (and the results may be surprising, even to those who think they know their own strengths). Being able to take measured risk is also a key part of leadership. Renee Liang will lead a workshop to explore participants' ideas around their goals and careers, and how they can take risks and learn from the outcome. This is interactive - come prepared to take risks!

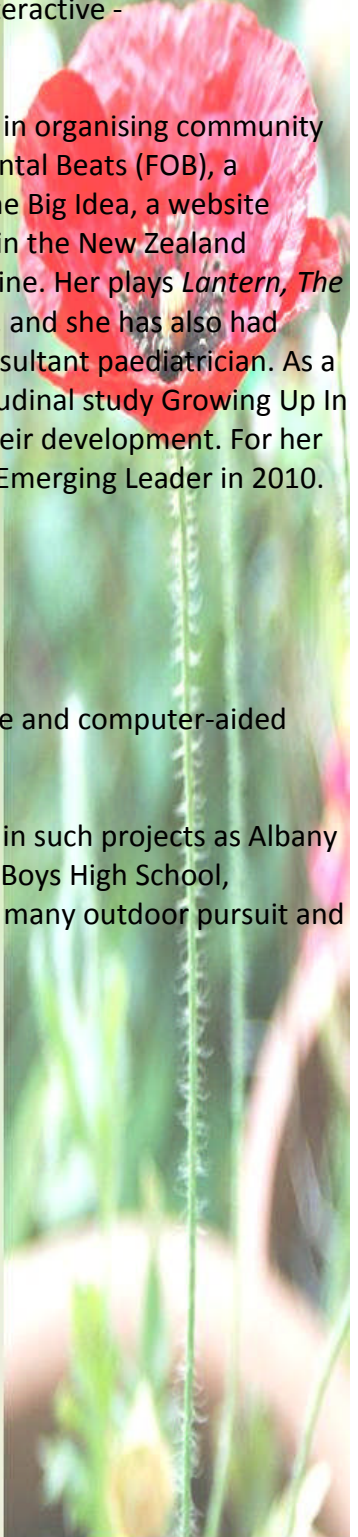
Renee is a poet, playwright, paediatrician and fiction writer. She is involved in organising community arts events such as artistic blind-dating initiative Metonymy and Funky Oriental Beats (FOB), a platform for Kiwi-Asian performing artists. She is a regular contributor to The Big Idea, a website linking NZ's arts community. In her own writing, Renee has been published in the New Zealand Listener, JAAM, Blackmail Press, Tongue in your Ear, Sidestream and Magazine. Her plays *Lantern*, *The Bone Feeder* and *The First Asian AB* have toured centres in the North Island, and she has also had short plays produced for a number of festivals. Renee works as a locum consultant paediatrician. As a scientist, Renee is part of the core group of researchers for landmark longitudinal study Growing Up In NZ, which seeks to benefit all NZ children by finding out what impacts on their development. For her activities in arts, medicine and science, Renee was named a Sir Peter Blake Emerging Leader in 2010.

Architecture

Hamish Boyd

Architecture is a mixture of art and creativity combined with a bit of science and computer-aided design.

Hamish Boyd is a Principal Architect with Jasmx Ltd and has been involved in such projects as Albany Senior High School, the Cloud on Auckland's waterfront, Te Papa, Westlake Boys High School, Whangarei Central Library. He graduated from Auckland University and has many outdoor pursuit and musical interests which all help in understanding a client's brief.



Philosophy: Ethics

Marinus Ferreira



Ethics is a branch of Philosophy. What, then, is ethics? Ethics is the branch of study dealing with what is the proper course of action for man. It answers the question, "What do I do?" It is the study of right and wrong in human endeavours. It is the method by which we categorise our values. Do we pursue our own happiness, or do we sacrifice ourselves to a greater cause? Is that foundation of ethics based on such as the Bible, or on the very nature of man himself, or neither?

Ethics is a requirement for human life. It is our means of deciding a course of action. Without it, our actions would be random and aimless. There would be no way to work towards a goal because there would be no way to pick between a limitless number of goals. Even with an ethical standard, we may be unable to pursue our goals with the possibility of success. To the degree which a rational ethical standard is taken, we are able to correctly organize our goals and actions to accomplish our most important values. Any flaw in our ethics will reduce our ability to be successful in our endeavours.

Examine what ethics means to you with Marinus Ferreira.

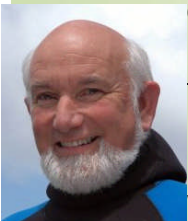
Marinus Ferreira was educated at the Norwegian University of Science and Technology, Universiteit Utrecht, The Netherlands and University of Auckland. He is at present the Ethics Adviser for the Faculty of Medicine and Health Sciences at Auckland University and a Centre of Continuing Education Tutor also at The University of Auckland.

SESSION THREE

What is at stake? Life in the oceans

Dr Roger Grace BSc, MSc, PhD, QSM

The sea means different things to different people. Some regard it as a "bread basket" where they can take fish and other seafood for fun, for sustenance, or for commercial gain. Others regard the sea as a reservoir for biodiversity, with potential for creating medical drugs from the vast array of sponges and invertebrates. Yet others see it simply as a playground.

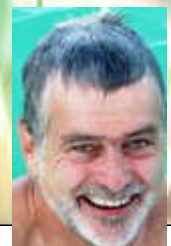


Without care and understanding nearly everything we do in the sea or on the land nearby has a negative impact on sea life. Roger looks at changes that have occurred in the Hauraki Gulf over the last 50 years, many as a result of too much fishing despite our world-acclaimed fisheries management system. It is time for a different approach. Comprehensive spatial planning, leave more fish in the sea, and set aside sanctuary areas where marine life can recover and help replenish the rest.

Aeronautical Engineering

Gerard Robertson

Gerard is an aircraft engineer working with Air New Zealand for over 25 years. Gerard spent some time in Toulouse France on the Air bus A380.



Animation Workshop Introduction to 3D Modelling with Blender 1

Tammie Leong -Media Design School

Students will be introduced to Blender, a computer graphics software product used for creating animated films, visual effects, interactive 3D applications or video games.

Blender, like many other comprehensive 3D suites, has a vast array of tools that can help you create virtually any material either in reality or beyond.

Students will be introduced to Blender's interface which consists of a random number of workspaces with multiple windows each. Students will also be introduced to navigating in 3D view, how to manage 3D objects and edit the object position and shape and how to manipulate shapes and render images.

If you are interested in viewing the effects that can be created in Blender visit:

<http://www.blender.org/features-gallery/gallery/art-gallery/>



Healthy and Delicious Food

Amanda Wilson



Amanda will be in the kitchen displacing the myths about nutrition and demonstrating how cheap it is to eat healthy. She will cover quick and easy meals for flattening compared to take out.

Amanda Wilson is a Dietician/Nutritionist working as The Nutrition Manager for Middlemore Hospital Food service.

Shakespeare on Parenting

Lynn Berresford

Maybe Shakespeare didn't write all those plays, but whoever did has some very interesting things to say on parent-teenage relationships.

Lynn has a M.Ed (Hons), Dip. Teaching (Distinction), and is a registered Psychologist with a passion for drama; she has performed in many of Shakespeare's plays.



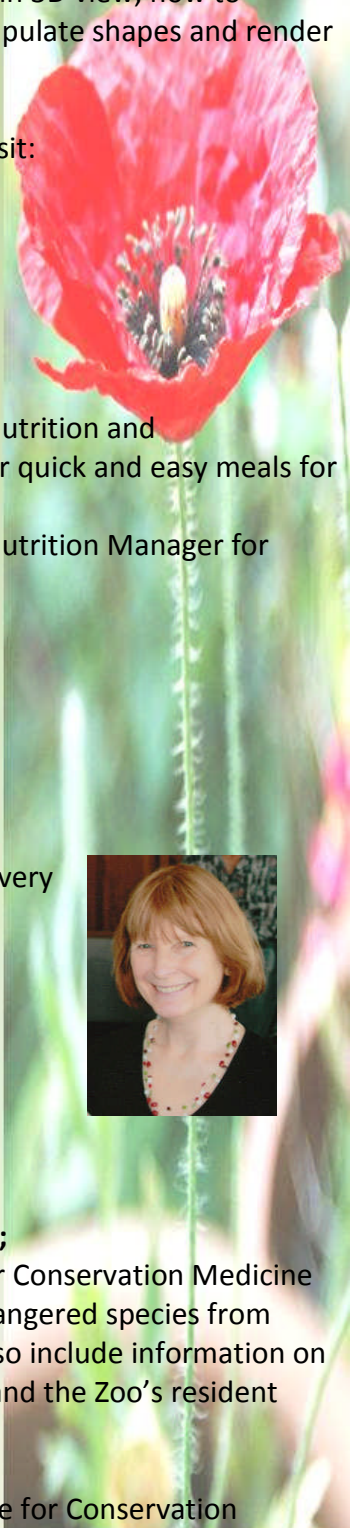
Veterinary Surgery

Richard Jakob-Hoff BSc (Hons); BVMS (Hons); MACVSc (Wildlife Medicine);



What are The Auckland Zoo and the New Zealand Centre for Conservation Medicine doing to help preserve both NZ indigenous wildlife and endangered species from around the world? Richard will talk about the Centre and also include information on some of the interesting conservation projects that Richard and the Zoo's resident Bethany are involved with in the Hauraki Gulf.

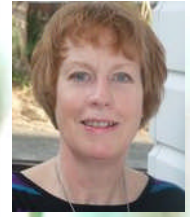
Richard is the Senior Veterinarian at the New Zealand Centre for Conservation Medicine at the Auckland Zoo.



Writing Fiction

Judy Lawn

Writing is a solitary occupation, and this takes some getting used to especially if you have been used to working with other people. But meeting other writers can be wonderful and encouraging. If you want to become a writer join writing groups, take creative writing lessons and just write, write, write!



One of the pitfalls you can experience as a writer is writing the wrong kind of thing. It is vitally important that you write the kind of story that you alone can write. Sometimes it takes a while before you discover this.

Judy Lawn has been writing for nearly twenty five years. Her short stories have been published in various magazines, including NZ Woman's Weekly, NZ Woman's Day, and Takahe Magazine. Judy worked as Editor for a small suburban newspaper and wrote many profiles and articles for the paper. Judy has taught Creative Writing through the Community Education Programme at Mahurangi, Orewa, and Westlake Boy's Colleges for six years.

Judy has written children's stories, mystery novels and fantasy novels. She has completed a book on creative writing (from all my years of teaching creative writing) - which she is self-publishing.

Economic Trends Home and Abroad

Kim Campbell



Kim's career in New Zealand and overseas has been in manufacturing and exporting businesses in a variety of industries and geographies including ICI, Trigon Plastics, Masport and New Image in New Zealand; and the Hong Kong based Zuellig Group for the past 13 years. For five years he was chief executive of PSM in Auckland (later to become API Manufacturing), a major consumer health care company then a part of the Zuellig Group which is a large, privately held, global investment company. He then moved to Sydney to become chief executive of Soul Pattinson Manufacturing also part of the API Group (associated with Zuellig). He was then appointed CEO of Zuellig Equipment Distribution Incorporated which includes CB Norwood in New Zealand.

Kim has recently returned from the Philippines where, among other duties, he was executive chairman of Pharma Industries Incorporated, a pharmaceuticals' manufacturing group employing over 1,700 staff in the Philippines and Thailand.

Before heading overseas, he was a director of EMA, has been a President of the Export Institute (now ExportNZ), a councillor of BusinessNZ, and a founding director of AREDS. He has served on numerous private and public boards during a career spanning 35 years.



SESSION FOUR

Kiwi Saver - Why every NZ teen should be in KiwiSaver

Mary Holm MBA

Who wants to be a millionaire? Those who join young are the ones likely to retire with more than \$1million in their accounts – and get help with buying their first home along the way. (OK - inflation will eat into that million, but still!). Not only is it a smart move financially to join KiwiSaver, but through it you can learn heaps about investing.

Mary writes two personal finance columns published in the NZ Herald, Dominion Post and other major newspapers; lectures in financial literacy at the University of Auckland; and presents seminars on personal finance. Her five books about KiwiSaver and personal finance include three that made the bestseller list. She is a director of the Financial Markets Authority and the Banking Ombudsman Scheme.



Animation Workshop Introduction to 3D Modelling with Blender 2

Tammie Leong -Media Design School



Students will be introduced to Blender, a computer graphics software product used for creating animated films, visual effects, interactive 3D applications or video games. Blender, like many other comprehensive 3D suites, has a vast array of tools that can help you create virtually any material either in reality or beyond. Students will be introduced to Blender's interface which consists of a random number of workspaces with multiple windows each. Students will also be introduced to navigating in 3D view, how to manage 3D objects and edit the object position and shape and how to manipulate shapes and render images.

If you are interested in viewing the effects that can be created in Blender visit:

<http://www.blender.org/features-gallery/gallery/art-gallery/>

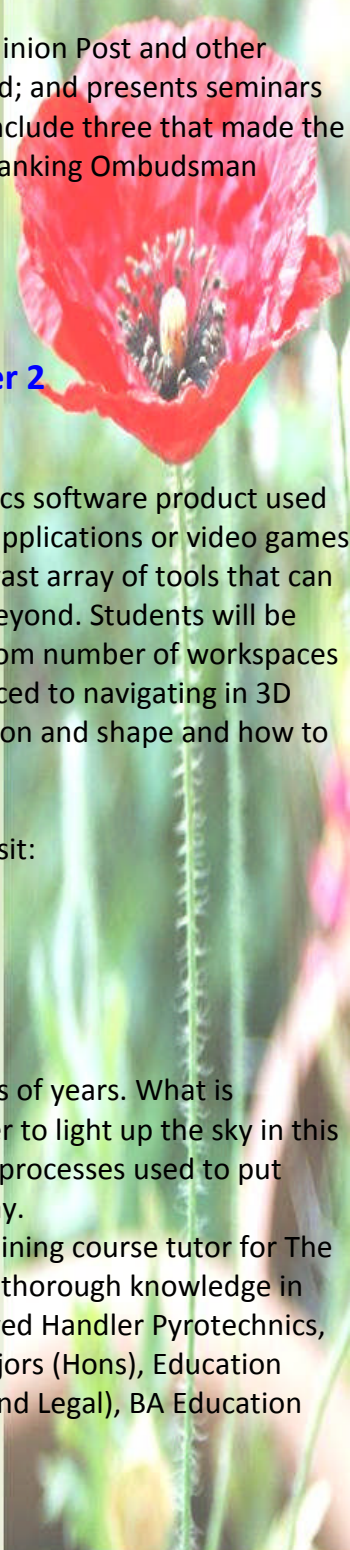
Pyrotechnics

Dr Rikki-Maria Kare-Ariki



Fireworks have been around for hundreds of years. What is pyrotechnics and what is involved in order to light up the sky in this amazing way? We will cover some of the processes used to put together a commercial pyrotechnic display.

Rikki-Maria is business manager and a training course tutor for The Boomboom firework company, she has a thorough knowledge in the industry of pyrotechnics, is an approved Handler Pyrotechnics, holds PhD Ed Psychology, MA Double Majors (Hons), Education Diploma in Professional Ethics (Medical and Legal), BA Education Dip Management



REX the Robotic Exoskeleton

Richard Little



Richard is founder & Chief Technology Officer of Rex Bionics. Rex Bionics Rex began with a simple idea— a practical new option for standing and walking that could be used by people in wheelchairs. The outcome was the development of Rex, the pair of robotic legs. Richard started his career over twenty years ago in the oil industry in Scotland as a marine engineer. He has since enjoyed a wide range of leadership roles in a number of industries world-wide, working with automotive, military and medical technologies. New Zealand based for the last 19 years, Richard formed Rex Bionics Ltd in 2007 with fellow engineer Robert Irving to develop innovative medical robotic technology that could bring new-found mobility to many thousands of users world-wide.



Under water Photography

Darryl Torkler

Darryl has been a professional underwater photographer for over 20 years. A life long love of the sea and its fascinating creatures, has taken Darryl to some of the best dive locations in New Zealand and the World, and with thousands of hours in the water Darryl has seen countless incredible sights. Self taught Darryl has engineered much of his own equipment to give him the edge in his chosen profession.



Darryl's natural history photographs have received critical acclaim and won over 100 international awards.

Kia Ora Gaza

Roger Fowler QSM- "There is no progress without struggle"

Roger was picked in August 2010 as leader of a six-person Kiwi unit, Kia Ora Gaza, to join a huge international humanitarian convoy of 150 ambulances & trucks carrying \$NZ7 million of medical aid to Palestinians in Gaza. In October 2010 the convoy successfully broke through Israel's blockade to deliver desperately-needed medical supplies along with a message of international solidarity. This year Roger will lead another team of Kiwis on the next international convoy to break the crippling siege on Gaza.

Roger said at the time of leaving for Gaza, "Yes, of course I'm anxious, and so is my family," he said.



“But my level of anxiety does not compare to the gravity of the situation for the people of Gaza.”

Roger Fowler is a New Zealand social activist. Currently Manager of Mangere East Community Learning Centre; Committee member of Manukau City Assoc Football Club, Executive member of Out of School Care Network; Singer/songwriter who has shared a stage with some of New Zealand’s best musicians, involved with amateur theatre over four decades, including “The Aunties” children’s theatre and Manukau Performing Arts, community worker, trade unionist and a former bus driver, Roger has also long campaigned for public transport.

At the forefront of the protest movement since 1968, including 15 years in the anti-apartheid movement; participated in the 1975 Maori Land March and was arrested during the occupation of Bastion Point, and was active in the nuclear-free movement and protests against wars from Vietnam to the Middle East.

The Chemistry of Baking – A Test & Taste Workshop

Penny Webster



Baking is just a big Chemistry Experiment, but lots of fun and definitely nicer to eat. Cooking with flour, eggs and sugar has been around since the early 1700’s. Anyone can learn to bake, girls can bake and BOYS can bake too! (The best time to cook is when you are hungry.)

Baking can be a wonderful stress relief, slowing down, being in the moment, and letting that creativity flow, with an end result to share with family and friends - “The perfect reward.”

Penny has a background in science; she trained as a biochemist, working in the medical field for 10 years, before following her dream of cooking. She trained as a chef in one of England’s most prestigious cooking schools, travelling on to France and Europe to continue her culinary adventures. Today Penny runs a small catering business as well as managing a husband, four teenagers, two dogs and a big house and garden. Penny travels extensively researching other cultures and cuisines, she shares her recipes in her local magazine “The Albany Buzz”

Space Flight and the NZ Space Flight Association

Matthew Pavletich

What is happening in space now that the space shuttles are no longer flying? Matthew Pavletich will update the situation and New Zealand’s participation in the space race.

Matthew is the Publicity Officer for the NZ Spaceflight Association



Musicians Networking – A Discussion Workshop

Lee Martelli



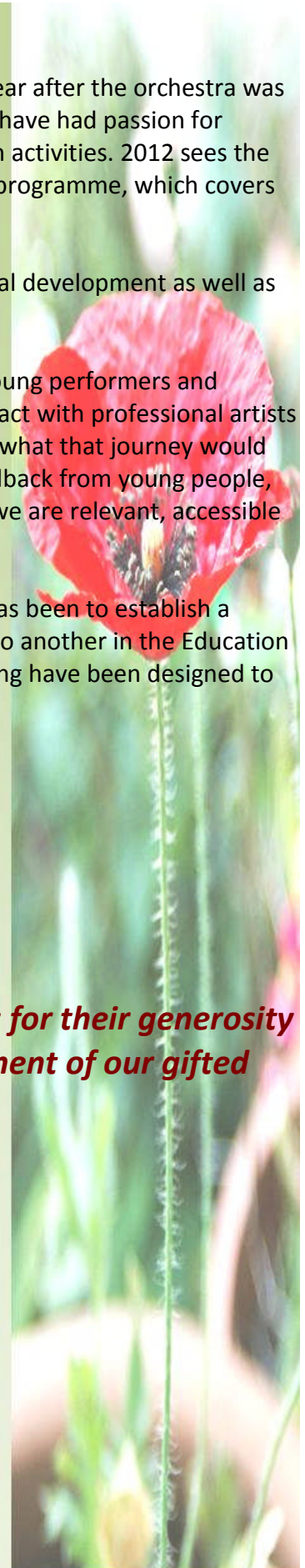
The APO began its Education programme in 1981, the year after the orchestra was formed. From its inception, the players in the orchestra have had passion for working with young people and helping shape education activities. 2012 sees the orchestra offering 24 activities in their APO Connecting programme, which covers Education, Community and Outreach

The outreach activities provide participants with personal development as well as musical enrichment have become a growth area for the APO.

The APO Young Achievers programme was instigated to enable talented young performers and composers to come together to gain support from each other, and to interact with professional artists to ensure they had knowledge about where they may be able to head and what that journey would be like. The APO also wants to engage as much as possible with taking feedback from young people, and using that to help shape our programmes, concerts, and activities, so we are relevant, accessible and involved in what is emerging in Auckland

Lee has been the APO's Education Manager for ten years now. The focus has been to establish a matrix of activities to allow people to grow and develop from one activity to another in the Education programme. Strands in composition, conducting, solo and orchestral training have been designed to engage from pre-school age right up to advanced adults

NZAGC would like to sincerely thank all of our speakers for their generosity in volunteering their time and expertise for the enrichment of our gifted children.



2012 Teen Seminars Registration Form

Please complete Registration form and email to: admin@giftedchildren.org.nz
or post with cheque to: NZAGC, PO Box 47, Greenhithe, Auckland 0756

If attending with School Group
School _____
Adult in Charge _____

Name of Delegate _____

Contact phone _____

Adult Contact _____

Contact email _____

Speaker Choice session 1 _____

(alternate choice if 1st option booked out) _____

Speaker choice session 2 _____

(alternate choice if 1st option booked out) _____

Speaker choice session 3 _____

(alternate choice if 1st option booked out) _____

Speaker choice session 4 _____

(alternate choice if 1st option booked out) _____

Allocations will be made on a first come first served basis.
While every effort will be made to ensure attendance at your preferred option, once numbers for a specific speaker have been filled that option will be then be closed.

NZAGC members	\$65	
Family members (up to 4 family members)	\$130	
Non-members	\$80	
Family non-members (up to 4 family members)	\$160	
Lunch Please specify if you have any special dietary requirements e.g. gluten free, sugar free, particular allergies or cultural considerations.	\$8	
Accommodation (see below for Rates)		
NZAGC Membership 2012 1 st January 2012 – 31 st Dec 2012	\$50	
	Total	

Payments may be direct credited to NZAGC
A/C 12-3152-0063899-50
Please use your Surname as the code and CONF as the reference,
or by cheque to: PO Box 47 Greenhithe Auckland 0756.
Participating Schools will be invoiced February 2012
All registrations from member schools will be charged at

Disclaimer / Terms & Conditions

NZAGC and Auckland Explorers is not responsible for loss, damage, or injury sustained while participating in the 2012 One day Conference, Teen Seminars and Expo. NZAGC and Auckland explorers do not provide any liability insurance for protection of individuals, business entities, groups and organisations or others who participate. All attendees will at all times be considerate and respectful of all property and all persons including self.

I agree to the terms and conditions:

Signed Parent/Guardian _____

Signed Student _____

For those travelling, we have a limited amount of accommodation available at the Millennium Institute of Sport Lodge situated adjacent to the College. www.mish.org.nz

Single room: \$105.00 per person per night

Twin share: \$65.00 per person per night

Triple share: \$46.00 per person per night- **Please note that triple share accommodation means that one guest per triple share room will be on a roll away bed.**

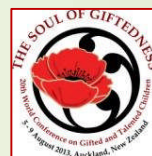
Teen Conference EXPO

March 17th 2012 Rangitoto College, North Shore, Auckland

The EXPO is designed to provide information and support for our teenagers, their educators and parents/caregivers.

Exhibitors to date

Auckland University
 Massey University
 Media Design School
 Speaking Solutions
 Gifted Education
 Centre
 Science Olympia NZ
 Thinkshop
 Personality
 Dynamics
 NZ Geographic
 NZAGC Inc.
 Explorers Unlimited
 Inc.
 Victoria University of Wellington
 Asia Pacific 2012 Giftedness Conference
 Auckland Dyspraxia Support
 Discovery Foundation
 Duke of Edinburgh Hillary Awards
 Giftednz
 De Vis Kom -HANDLE
 Kiwibots
 Salvation Army Positive Lifestyle
 Programmes
 Spirit of Adventure
 World Gifted Conference 2013
 The Puzzle Shop
 Unitec
 Futureintech
 Correspondence School
 Learning Network



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Rangitoto College, The Lion Foundation, Handam Bin Rashid Al Maktoum Award for Distinguished Academic Performance, Whittaker's, Richard Leonard Photography,

