

GERRIC 2010

WORKSHOPS FOR GIFTED STUDENTS
AGED 4-16



PROGRAMS

Designed for your
Gifted Child

Poppyseeds:

Preparatory –
Kindergarten
4 – 5 yrs

Small Poppies:

Grade 1 – 2
6 – 8 yrs

Junior Scientia:

Grade 3 – 6
8 – 12 yrs

Scientia Challenge:

Grade 7 – 10
12 – 16 yrs

Scientia Challenge – Residential:

Grade 7 – 10
12 – 16 yrs

Workshops

11 – 22 January

6 – 9 April

5 – 9 July

Parent Seminar

Melbourne:
13 – 14 March

Sydney:
4 – 5 September

GERRIC

Gifted Education Research,
Resource and Information Centre

 **UNSW**
THE UNIVERSITY OF NEW SOUTH WALES

Laugh and Learn at UNSW

WHO ARE WE?

Gifted Education Research, Resource and Information Centre (GERRIC) since 1991

The University of New South Wales has established a strong academic focus in research and teaching in gifted education. This has been linked to the development and expansion of a range of holiday programs for gifted and talented students, conferences, short-courses for parents and teachers and a range of books and teaching resources.



DR MIRACA U.M. GROSS is Professor of Gifted Education at the University of New South Wales and Director of the Gifted Education Research, Resource and Information Centre (GERRIC). Miraca oversees the research, teaching and service functions of the Centre. She is recognised as a leading international authority on the education of gifted and talented children and adolescents.

This year Dr Miraca Gross was honoured with a Mensa Foundation Lifetime Achievement Award for research in the area of human intelligence. Dr Gross was the first non-American to win this award.

“Research consistently shows the importance of friendship to the emotional wellbeing of gifted young people. It can be a struggle for gifted children to find friends with shared interests and abilities, and a common sense of humour. Participating in a GERRIC Student Program is a great chance to learn together and make ongoing friends with other children who share the same intellectual passions and interests and get excited by being stretched academically.”

ROBERT URQUHART, GERRIC CENTRE MANAGER



“GERRIC Student Programs are an opportunity for you to get out of the comfort zone that you experience in your everyday school and home routine. If you can find opportunities to do that, it’s going to allow you to make contributions beyond what you think you can do.”

FREDERICK G HILMER AO
Vice-Chancellor

TO OUR STUDENTS, WHO ARE WE?

“GERRIC has given me the best experiences I could have hoped for. The teaching is excellent and makes you feel very confident. You meet new people and sometimes you even make a very good friend.

over the course of the two days my brain was pushed to the limits and ideas bubbled through it. The teachers will always keep you positive and so do your peers. It is a great positive experience for young people. I highly recommend the fun and excitement.”

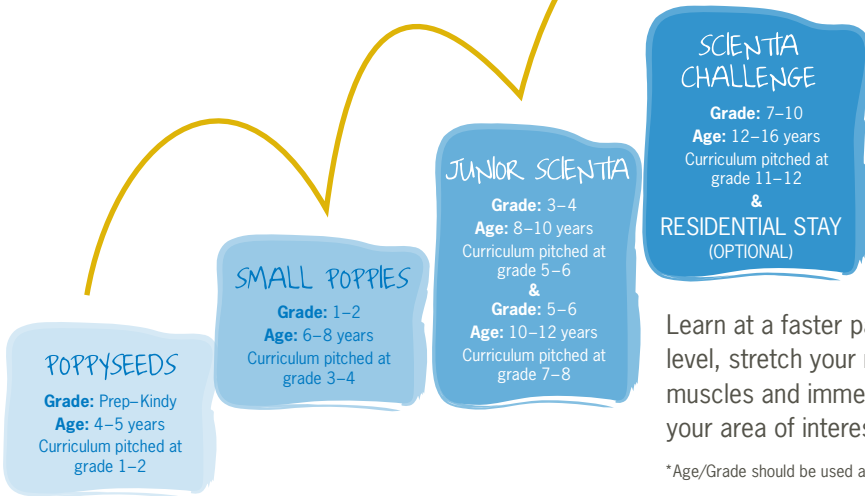
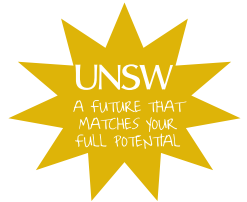
MATTHEW EGAN, 2009

GERRIC: Meeting the educational, social and emotional needs of gifted children and adolescents by conducting and fostering research and by providing services to these children, their families and schools.

PATHWAYS FOR GIFTED STUDENTS

What are the paths for helping my child reach their full potential?

Each program level provides the opportunity for new learning, stimulation, friendship and fun.



Learn at a faster pace, a higher level, stretch your mental muscles and immerse yourself in your area of interest or passion.

*Age/Grade should be used as a guide.

Our Programs feature two-day workshops from a wide range of disciplines presented by teachers with post-graduate training qualifications in gifted education; university academics or those who are considered experts in their field.

The workshop content is both rigorous and challenging – designed to stimulate the interests and curiosity of the academically gifted. Our workshops encourage you to learn more about yourself, develop relationships, enjoy the company and stimulation of like-minded students whilst learning and having fun together. We want all students to have the most worthwhile experience possible while participating in the GERRIC gifted student holiday workshops.

WANT TO LEARN MORE? WANT TO ENROL IN A WORKSHOP?

Visit our website regularly or email us your questions: gerric@unsw.edu.au

SEMINARS & COURSES FOR ADULTS

A WEEKEND INFORMATION COURSE FOR PARENTS 2010

MELBOURNE: 13 – 14 MARCH

SYDNEY: 4 – 5 SEPTEMBER

More locations to be announced

GERRIC is once again running its popular *Your Gifted Child: A Weekend Information Course for Parents*. The Course will consist of lectures designed to equip parents with both theoretical and practical knowledge about their gifted child. A group of Australian experts in gifted and talented children will deliver the course, led by GERRIC's Director – Professor Miraca Gross.

If this two day course is of interest and value to you and your family please check our website for further details.

COMING SOON IN 2010

ON-LINE PARENT COURSE FOR THOSE LIVING IN RURAL & REMOTE AREAS OF AUSTRALIA OR OVERSEAS.

Who should attend?

Parents, teachers, and those who have an interest in gifted students, join us to enhance your learning and better understand gifted children and adolescents.

MAXIMISE YOUR LEARNING AND UNDERSTANDING OF GIFTED CHILDREN AND ADOLESCENTS.

Seminars 1 & 2 are free, but bookings are essential on 02 9385 1972.

Gifted Education Seminar 1 – International Guest Speaker

Date: Monday 18 January

Venue: UNSW, Kensington Campus

Speaker: Professor Ann Robinson

Topic: Every Gifted Child Should Learn Something New Every Day: Tips for Working Effectively with Your Child's School

Fee: Complimentary

Descriptor: In this seminar, Ann will look at parent and school relationships. Parents want the best for their children; educators want their students to do well. Both parents and educators have questions about what works at home and at school to foster the talents of children and adolescents. In what ways can parents collaborate effectively with schools to assure their child is engaged in enjoyable learning and happy with a sense of accomplishment?

Professor Ann Robinson is President of America's National Association for Gifted Children.

Gifted Education Seminar 2

Date: Thursday 21 January

Venue: UNSW, Kensington Campus

Speaker: Michele Juratowitch

Topic: Secondary Focus: Developing Skills through Adolescence

Fee: Complimentary

Descriptor: The challenges associated with parenting gifted adolescents can be extremely complex. How does one parent in ways that acknowledges advanced intellectual capabilities yet tempers this with the knowledge that an adolescent's life experience and judgement may not be at the same level? What strategies can be used to support sensitive gifted adolescents develop resilience through the social and emotional maelstrom of the teen years? What are the skills that must be nurtured in order to translate natural abilities into talents and academic achievements?



IMPORTANT PROGRAM DATES

January Programs

- Poppyseeds 11 – 12 January
 - Small Poppies 14 – 15 January
 - Junior Scientia 18 – 19 January
 - Scientia Challenge 21 – 22 January*
- *(residential stay available)

Applications in by **Monday 16 November 2009**
 Advice of placement week **1 December 2009**

April Programs

- Poppyseeds 6 – 7 April
- Small Poppies 6 – 7 April
- Junior Scientia 8 – 9 April
- Scientia Challenge 8 – 9 April

Applications in by **Monday 15th February 2010**
 Advice of placement week **2 March 2010**

July Programs

- Poppyseeds 5 – 6 July
 - Small Poppies 5 – 6 July
 - Junior Scientia 8 – 9 July
 - Scientia Challenge 8 – 9 July*
- *(residential stay available)

Applications in by **Monday 17 May 2010**
 Advice of placement week **1 June 2010**

Parent Courses

- Melbourne: 13 – 14 March, 2010
- Sydney: 4 – 5 September, 2010
- On-line coming soon!

Adult Seminars @ UNSW

- Monday 18 January
- Thursday 21 January

FOR FURTHER INFORMATION OR ASSISTANCE
 free call **1800 626 824** or **02 9385 1972**

YOUR INVESTMENT

Poppyseeds	\$145
Small Poppies	\$145
Junior Scientia (yrs 3–4 & 5–6)	\$195
Scientia Challenge	\$275
Scientia Challenge & Residential	\$625

All fees include GST.

Venue*

UNSW KENSINGTON CAMPUS
 The University of New South Wales
 UNSW SYDNEY, NSW 2052, AUSTRALIA

**When possible, GERRIC events are held on campus.
 Venues are subject to change at any time.*

How to Apply?

1. Download your application forms
<http://gerric.arts.unsw.edu.au/students/bfrfm.html>
2. Complete your personal details, select workshops, listing in order of preference and ONLY those you are prepared and available to attend. While we try to place students in the workshop of their first choice, they may be placed in **any** workshop nominated. We do not refund workshop fees for change of mind.
3. Complete special requirements if applicable (eg: Asthma management plans). Attendance without a plan is not permitted.
4. Select payment method and sign Term, Conditions & Refund Policy.
 Applications received by GERRIC assume that you adhere to our Terms & Conditions and Refund Policy.
5. Post (no email) your form/s prior to the 'Applications In' date:

GERRIC – Student Programs
The University of New South Wales
UNSW SYDNEY NSW 2052

Terms, Conditions and Refunds

1. GERRIC must be advised in writing of all cancellations and withdrawals.
2. Cancellation:
 - More than 10 working days to start of workshop incurs a \$75 fee.
 - Less than 10 working days to start of workshop will not be refunded. Full fee applies.
3. There is no refund or credit if you change your mind or make errors when completing the application form.
4. Parent/guardians are responsible for making sure the student meets the selection criteria and can supply documentation to GERRIC upon request.
5. GERRIC reserves the right to cancel and/or change workshop details including venue, presenter and content if deemed appropriate. Brochure content is subject to change and correct at time of printing.

Payment Options

Payments only by cheque or online credit card (Mastercard or VISA). Cheque payments incur an additional administration fee of \$4.50.

Note: Separate payments are required for each student.

Siblings and Friends Applications

GERRIC will attempt to accommodate individual needs, but cannot guarantee to meet requests for students to be placed with specific friends or relatives. Separate application forms and payments are required for each person applying i.e. two students, two application forms and two payments.

Experiencing financial difficulty?
APPLY FOR SPONSORSHIP.

Sponsorship – Financial Assistance

Sponsorships are available to assist students in isolated areas or families experiencing financial hardship. Please see 'Sponsorships' for further details. Sponsorship is not only allocated on academic merit, but also on need as demonstrated on the application form.

Helpful Hints

- You are not required to supply selection criteria documentation unless applying for the Residential Program, sponsorship or if requested by GERRIC.
- Keep a copy of your original application form/s for your own personal record.
- For each student a new application form and payment is required per cycle i.e. January, April, and July.

Apply Now

APPLICATION FORMS ARE
AVAILABLE ON OUR WEBSITE

[http://gerric.arts.unsw.edu.au/
students/brfrm.html](http://gerric.arts.unsw.edu.au/students/brfrm.html)

APPLICATION AND SELECTION CRITERIA REQUIREMENTS

How do I know if my child meets the selection criteria?

If the applicant meets the listed selection criteria on the individual program pages they are able to apply. It is the responsibility of the parent and/or guardian to read the following information on program pages and **make sure that the student meets the criteria.**

Do I need to supply copies and proof of the selection criteria (SC)?

No, do not attach SC to your form unless you are applying for Sponsorship or the Residential Program. However you must be able to supply copies of your selection criteria to GERRIC if requested (Example: Advanced Placement or applying for a scholarship).

How does GERRIC allocate Students to Workshops?

GERRIC's priority is to place all students who apply. If GERRIC receives more applications than there are places available for workshops, places are then allocated on the grounds of equity, need and are the final decision of GERRIC. If you are allocated a placement this will be communicated on 'Advice of Placement' dates (see page 4). Places are not necessarily allocated on a first-come, first-served basis.

Twice Accelerated: Advanced Placement – and how do I apply?

Advanced placement recognises the need for flexibility to advance a student if exceptionally gifted in programs.

Example 1: Students with a full scale IQ over 150 will be considered **if documentary evidence is provided.**

Example 2: Students who are in Year 3 or 4 may apply for special consideration to attend a GERRIC Year 5 & 6 course if documentary evidence of exceptional ability can be provided.

Advanced placement requests must be in writing and include a copy of proof of selection criteria. The final placement decision is that of GERRIC.

A Note for Schools and Teachers

would you like to nominate a student to GERRIC WORKSHOPS, but have questions? Give us a call.

Nominating a student is a great gift that you can give a gifted child.

Teacher Nomination Forms and Application Forms can be found on our website.

Please share this information with parents and students whom you think would benefit from the workshops.

SPONSORSHIPS AND SCHOLARSHIP

Due to the generous sponsorship commitment by McDonald's Australia Limited to the Gifted Student Programs, full and half sponsorship of workshop fees have been made possible. Without their support, opportunities like these for many would not be possible.



There are two types of fee relief: **McDonald's Australia Limited Sponsorship** and the **Lauren Kipic Memorial Scholarship**. These cover the student workshop fees, (full fee or part-fee). The student's family is responsible for travel and all other associated costs.

THE McDONALD'S AUSTRALIA LIMITED SPONSORSHIP

Who is Eligible?

Sponsorship places are allocated on the basis of financial hardship, geographic isolation or unique family hardship (not just academic merit).

Selection criteria include (not limited to):

- 1) Qualifying as being gifted and talented (essential);
- 2) Being a recipient of the Education Maintenance Allowance, Youth Allowance, Austudy or Abstudy;
- 3) Nominated by a professional (e.g., School Principal, G & T Coordinator or Psychologist);
- 4) Medical Reports.

THE LAUREN KIPIC MEMORIAL SCHOLARSHIP

The Lauren Kipic Memorial Scholarship – was established in memory of Lauren, a former employee of GERRIC, who was herself talented and a much loved and valued member of the Centre.

Who is Eligible to Apply for the Lauren Kipic Memorial Scholarship?

If you love learning, live in a regional area of Australia or speak English as your second language you are invited to apply for The Lauren Kipic Memorial Scholarship.

This Scholarship Fund has been established to allow a disadvantaged student who loves learning, as Lauren did, to attend a GERRIC Student Program workshop on full scholarship (one student in the January cycle only).

Lauren was well travelled, athletic and loved the outdoors. Her keen interest in other cultures found her teaching students who speak English as a second language in Japan. Her passion for travel took her to almost every continent, but it was on her most recent trip - intended to be her last for a while - that Lauren tragically lost her life. Lauren loved to see the passion for learning that is shown by so many students who come to the GERRIC programs.

HOW TO APPLY

In **addition** to your Workshop Application Form attach a copy of how you meet the Selection Criteria **and** a Sponsorship Form available from <http://gerric.arts.unsw.edu.au/students/brfrm.html>



LAUGH AND LEARN AT UNSW

Learn at a faster pace, a higher level, stretch your mental muscles and immerse yourself in your area of interest or passion.



GERRIC offers a range of resources, including books, teaching units and audiotapes. Visit our website for a full catalogue.

Preparatory - kindergarten (4-5 years)

POPPYSEEDS

POPPYSEEDS	Jan 11-12	April 6-7	July 5-6
A Pirate's Adventure	PM	AM	AM & PM
Calling All Scientists	AM	AM	AM
Lateral Logic Puzzles for Littlies!	AM & PM	AM	AM
Lift the Lid on Mummies – discover ancient worlds	PM		PM
Patterning and Numbers		AM & PM	
Seuss-sational! NEW	AM	AM	
Super Sleuths			AM
The Human Body: Your Body and How it Moves NEW	AM	PM	
The Lost World of Dinosaurs	AM & PM	AM	AM & PM
Where the Wild Things Are NEW	AM	PM	PM

Duration: two half-days from 9am – 12 noon (am session) **OR** 1 – 4pm (pm session).

Fee: \$145 GST inclusive

Full Workshop Descriptions and Application Form:
<http://gerric.arts.unsw.edu.au/students/wrkshps.html>

Students must supply their own morning/afternoon tea, lunch, drinks, hat, sunscreen and stationery supplies.

AM = 9am – 12noon **PM** = 1pm – 4pm

SELECTION CRITERIA

POPPYSEEDS Students should be:

- Motivated and prepared to undertake a challenging academic program;
- Able to meet individual selection criteria (if any) specified for selected workshop (e.g. able to read independently or able to perform some addition and subtraction);
- Able to work in a group environment without additional support;
- Able to adapt to new environments and people with ease and separate easily from parents;
- Over 4 years of age and able to use the toilet independently.



interesting patterns and designs, come and find out what this has to do with logic.

In this workshop we will be exploring a range of puzzles to challenge the way we think and see things. If you like puzzles of all kinds, riddles, spotting patterns, illusions, number games and other quirky quizzes, then come along and learn about logic in Lateral Logic Puzzles!

(Additional criteria: Students must have good fine motor skills and high attention span when working through problems.)

A Pirates' Adventure

JENNY WONG

Would you like to find buried treasure or would you like to bury your treasure and make a map to help other people find it?

Reading maps is a lot like reading books, but there are some important differences.

Come and learn about the way we use maps and diagrams to communicate ideas and instructions.

Along the way you'll:

- design a map;
- make use of symbols and keys;
- make a compass and learn how to use it;
- discover the world of maps and map makers.

Calling All Scientists

MARYELLEN OTTAWAY

Are you a budding scientist? Do you like finding answers to questions about the world around us? Would you like to know where rainbows come from? Or how we are able to hear noises through sound waves? Or how magnets work? Then this workshop could be for you.

We will be conducting fun, scientific "hands on" experiments to help find our answers. So answer the call and bring in your senses of wonder, curiosity and imagination!

Lateral Logic Puzzles For Littlies!

TIM HUANG

Do you like puzzles? Have you been told to 'be logical' and wondered what that meant? Ever tried to make a range of pictures with the same shapes? If you like scribbling

Lift the Lid on Mummies – discover ancient worlds

JULIA TRITSCH

Do the pyramids fascinate you? Have you always wanted to know more about Egyptian gods? What do hieroglyphics really mean? These aspects and more will be explored when you come and join us on an Egyptian adventure.

In this workshop numerous aspects of Egyptian life will be examined. Among other things, you will discover the magic of ancient Egypt by:

- discussing the purposes and origins of the pyramids;
- taking part in an Egyptian burial;
- discovering hieroglyphics;
- participate in an archaeological dig.

These activities and more await you on your Egyptian adventure!

The Lost World of Dinosaurs

LAURA RICHARDS

Once, long ago, dinosaurs roamed the earth ... but where did they go? How do we know about them? What did they look like? What were some of the different species?

Have you ever wondered how many children could fit into the largest dinosaur's footprint? Or which was the smallest dinosaur? Or what omnivores and carnivores are?

If you are not afraid to enter the lost world of dinosaurs this workshop is for you! There will be English, maths, science and reading activities as we have fun learning about dinosaurs! Bring in your own dinosaur toy for identification and classification.

READ MORE WORKSHOP
DESCRIPTIONS ON OUR WEBSITE.

grade 1-2 (6-8 years)

SMALL POPPIES

SMALL POPPIES	Jan 14-15	Apr 6-7	Jul 5-6
Building Bridges	AM		AM
Can U Calc U Late?	AM	PM	AM
Dr Seuss and Me for a Diffendofer Day		PM	AM
Hands on History!	AM & PM	AM	AM
'i' is for INVENTING! NEW	PM		PM
Marks on a Page - Becoming a Better Writer		AM	AM
Mini Media Moguls		PM	
Phalanges and Femurs can be Humorous! NEW	PM	AM	
Secret Secrets: the Art of Cryptography	AM & PM	AM & PM	AM & PM
Serendipity - philosophy for kids NEW	PM	AM	PM
Six Impossible Things to do Before Breakfast		AM	PM

AM = 9am – 12noon PM = 1pm – 4pm

Duration: two half-days from 9am – 12 noon **OR** 1 – 4pm each day.

Fee: \$145 GST inclusive

Full Workshop Descriptions and Application Forms:
<http://gerric.arts.unsw.edu.au/students/wrkshps.html>

Students must bring their own morning/afternoon tea, lunch, drinks, hat, sunscreen and stationery supplies.

SELECTION CRITERIA

SMALL POPPIES Students should be:

- Motivated and prepared to undertake a challenging academic program;
- Able to work in a group environment without additional support;
- Able to adapt to new environments and people with ease and separate easily from parents;
- Over 6 years of age and able to use the toilet independently.

MORE WORKSHOP DESCRIPTIONS? [HTTP://GERRIC.ARTS.UNSW.EDU.AU/STUDENTS/WRKSHPS.HTML](http://gerric.arts.unsw.edu.au/students/wrkshps.html)



Building Bridges

JULIA TRITSCH

Are you a budding architect with a fascination for bridges? If so, come and show off your skills in this workshop. We will be using our creativity to design a bridge and our maths and science skills to test its strength. Will your bridge be the most creative or the strongest? Come and find out!

Hands on History

DAVID DIXON

Do you like collecting old things? Have you ever wanted to go on an archaeological dig? Would you like to read some old manuscripts? If so, this is the workshop for you!

Through the study of artefacts, parchments and books, we will investigate some important and interesting periods of history. We will look at some of the skills a historian needs and will give you an opportunity to do some historical research of your own. If this sounds like something you would enjoy, come and take an interactive trip down memory lane with Hands on History!

Mini Media Moguls

MICHELLE PADGETT

Do you have incredible powers of persuasion? Advertising and the media have a huge impact on our lives and our decisions about products we buy.

Come and learn the secrets of effective advertising by examining existing campaigns and experimenting with logos, pictures and words to develop your advertising skills. Then become a true Mini Media Mogul by inventing a product and designing a super campaign to promote it!

Six Impossible Things To Do Before Breakfast

CARLA MOORE

This fun Drama workshop is based on the classic adventures of Alice in Wonderland.

Have you ever wondered what it would be like to be Alice or the Mad Hatter or the Cheshire Cat? Like Alice we will go through the looking glass and explore the fantastic characters and situations to stretch our imaginations. Come along and believe, imagine, create and perform in this exciting workshop.

'I WISH MY MATHS CLASSES AT SCHOOL COULD BE LIKE THAT. EVERYONE WANTED TO BE THERE, AND EVERYONE WAS ENJOYING IT. SO I HAD A FANTASTIC TIME.' MARCUS 2009

grade 3-4 (8-10 years)
JUNIOR SCIENTIA

WORKSHOPS	Jan 18-19	April 8-9	July 8-9
Become a Writer	✓	✓	✓
Calling All Video Game Designers	✓		✓
Dance as Art: critique, create and communicate New	✓	✓	
Debating: The Art of Argument	✓		✓
Forensics for Fun	✓		✓
Got Something to Say? Lets Make a Play!		✓	✓
Hear Ye, Hear Ye, It's time we spoke of many things! New	✓		✓
Inventions, inventions, inventions New		✓	✓
Some of the Odd Things about Even Numbers ... and Even the Odd Numbers!			✓
The Engineer Challenge: Having Fun with Maths	✓	✓	✓
Wearable Art – come and create New	✓	✓	✓

Duration: Two-days, from 9am – 3.30pm.

Fee: \$195 GST inclusive

Workshop Descriptions and Application Forms:
<http://gerric.arts.unsw.edu.au/students/wrkshps.html>

Students must bring their own morning/afternoon tea, lunch, drinks, hat, sunscreen and stationery supplies.

SELECTION CRITERIA

JUNIOR SCIENTIA (3 – 4 & 5 – 6) Students qualify if:

- Scored at or above the 95th percentile (I.Q. 125+) on an individual or group I.Q. test; or scored at or above the 95th percentile on a subscale (e.g. verbal or performance) of an individual I.Q. test or;
- Scored at or above the 95th percentile on a standardised test of achievement in any academic subject area or;
- Scored well within the top band on the Basic Skills Test or;
- Gained placement in a full time, self-contained class for academically gifted students (e.g. Opportunity Classes in NSW Schools) or;
- Obtained an Academic Scholarship of some description or;
- Gained a Distinction or High Distinction in the Australian Schools Science or English Competitions, or the Australian Primary Mathematics Competition or;
- A letter from the school confirming that the student's academic potential in any/all subject areas is within the top 5% of the student population **and**;
- Behaves in a manner that respects the safety and learning needs of others.



Calling All Video Game Designers

TIM HUANG

Did you know that the video games industry is now three times larger than the movie industry? Video game designers need more knowledge and skills than rocket scientists. Computer programming, digital animation, physics, maths, psychology, ergonomics, marketing, creativity and, most importantly, imagination, are just some starting points to the many learning curves you will be starting on.

In this workshop we will be building a conceptual framework for video game development, tracing back not just to the origins of computer video games, but also to a study of basic human nature as to why people like playing games. Real world case studies of game development will be examined. Finally, you will be taking your first steps in your own original video game design, but please note we will not have the time to realise your game in machine code. This workshop will examine the theory behind video games in an engaging and interactive way – so prise that controller out of your hand and bring along your imagination to ‘Calling all Video Game Designers!’

MORE WORKSHOP DESCRIPTIONS
CAN BE FOUND ON OUR
WEBSITE.

Debating: the Art of Argument

WENDY TOMLINSON

Anyone can have an argument, but how do you create an argument that will enable you to win a debate? This workshop is designed to help you understand the art of debating. We will focus on:

- understanding the elements of debating
- debating terminology
- effectively challenging the opposition's arguments through refutation
- finding the faults in the opposition's argument and then using this information
- presentation
- using facts
- the role of each speaker.

You will participate in debates, putting the information you have learned into practice.

Forensics For Fun

JULIA TRITSCH

If you are interested in solving crimes, this is the course for you! This workshop looks at a number of techniques that forensic scientists use to solve crimes. You will learn how to lift fingerprints, make plaster casts of footprints, analyse hair samples, recognise a forged note and much more. At the end of the course, students will use their skills to solve a crime together.

grade 5-6 (10-12 years)

JUNIOR SCIENTIA

WORKSHOP	Jan 18-19	Apr 8-9	Jul 8-9
Aloha Web Design		✓	✓
Budding Chemists ... Come on down!	✓		
Creating and Critiquing Powerful Rhetoric - Yes We Can! New	✓	✓	
Debating; Advancing the Argument New		✓	
I Feel the Earth Move New	✓		✓
Our Genes, Ourselves and Other Things		✓	
Performance Poetry	✓	✓	✓
Polar Expeditions			✓
The Colour of Science New	✓	✓	✓
The Things Archaeologists Do ... New		✓	
The Vikings Are Coming New	✓		
The War to End All Wars	✓	✓	✓

Duration: Two-days from 9am – 3.30pm.

Fee: \$195 GST inclusive

Workshop Descriptions and Application Forms:
<http://gerric.arts.unsw.edu.au/students/wrkshps.html>

Students must bring their own morning/afternoon tea, lunch, drinks, hat, sunscreen and stationery supplies.

Aloha Web Design

DANIEL JUDD

Aloha! Surfing the waves and waves of web pages, do you ever wonder how they're built? The most common way is using a special language called Hyper Text Mark-up Language, or HTML. Web Designers use HTML in a variety of ways to build and polish websites. In this workshop, you will learn HTML and a range of Web Design techniques. You will also create a website that you can call your own.

So, if you've ever wanted to get yourself a "web presence", this workshop will teach you how. To be able to participate in this workshop, you will need to have a home computer with an Internet connection. It is also important that you are confident exploring the Web. This workshop is designed for students with no prior experience with HTML.

Budding Chemists ... Come on down!

JANETTE WILMOTT

Are you inquisitive about science? Do you want to know "why" it is so, along with "doing" the experiments? Yes? Then join us in the laboratory for some chemical reactions – flame tests, gas tests, extracting metal from liquids, and many more experiments and learn some scientific shorthand and understanding to go with it. You will also learn and use safety procedures, and the correct techniques while conducting the experiments.

Performance Poetry

GORDON SHRUBB

Do you dream of making poetry come alive? Do you love the sounds and images of words? Would you like to be with a group of other young people who enjoy exploring poetry in performance? In this workshop you will play with poetry shaped for the world of voice, movement, eventfulness and fun. You won't need to memorise or present poems from memory.

You will be experimenting with the creative potential of reading and performing poetry aloud. There are poems that can be performed by single voices, others for two voices, and even some for a collection of voices. There will be poems by great figures such as Shakespeare, Blake and Dickinson, and many contemporary poems dealing with issues that still entertain and baffle us.

There will be opportunities for you to perform poetry you have written yourself.

On the second day of the workshop you will present a live performance of poetry for your family and friends. So, if you would like to blast off with two days of poetry, as well as perform for an audience, and improvise with words of every colour, texture and shape, then here's your chance to rocket into orbit.

Polar Expeditions

JENNIFER JORDAN

Calling all adventurers who want to explore a new environment and different communities, from penguins and whales to the human communities that live at the extreme ends of the earth.

If you enjoy learning about environments such as Antarctica and communities from around the globe, then you should be a geographer! In this workshop you will be creating a polar landscape, and learning to understand different environments.

We will explore life in the polar region for animals and humans, why it's so hard to live in the polar regions and what you need to survive. Why is it's such an important region for our planet?

You will prepare your own expedition to the polar region; you will examine the effects humans have on the environment and the ways in which environments have influenced people.

You will have a chance to use graphs, atlases, take part in discussion groups and complete puzzles. Join us to develop your skills as a geographer.

The War to End All Wars

DAVID DIXON

Why is it that, almost a century after its conclusion, World War One still holds such a fascination for the people of today?

In this workshop, we will look at:

- the causes of what was promoted as "The War to End all Wars"
- the major battles of the War
- Australia's involvement, and its impact on society in general
- The Versailles Peace Treaty and its subsequent effect on world history will also be assessed.

We will also:

- investigate original documents, memorabilia, secondhand sources and diaries will give insight into the historical study of humankind's first "total war".

WANT TO READ MORE WORKSHOP DESCRIPTIONS? SEE OUR WEBSITE FOR FULL LISTINGS.

grade 7-10 (12-16 years)

SCIENTIA CHALLENGE

WORKSHOPS	Jan 21-22	Apr 8-9	Jul 8-9
Archaeology and Our Origins New	✓		✓
Business, Ethics and the Law	✓	✓	
Coming Alive: 3D Character Animation	✓	✓	✓
Cosmology	✓	✓	
Developing Interactive Animations for the Web	✓	✓	✓
Experimental Fiction	✓		✓
France: Its History, Language and Culture			✓
Grammar Rules	✓		✓
Human Body Meets Machine New	✓		✓
Hooking Into Shakespeare New content		✓	✓
Living Healthy on a Dying Planet: Realising a Hydrogen Future New	✓		✓
Making a Difference through the United Nations	✓		
Meet Your Inner Ancestor: Echoes of Ancient Humankind New		✓	
The Eyes Have It: The World of Sight	✓	✓	
The Eyes Have It - What's New? New			✓
The Injured Brain: What Hopes for Recovery?	✓		
This is Philosophy; Reason, Logic and Ethics	✓	✓	✓

Duration: Two-days from 9am – 3.30pm.

Workshop Fee: \$275 GST inclusive

Workshop & Residential Fee: \$625 GST inclusive (January and July)

Workshop Descriptions and Application Form:
<http://gerric.arts.unsw.edu.au/students/wrkshps.html>.

Students must bring their own morning/afternoon tea, lunch, drinks, hat, sunscreen and stationery supplies.

OUR RESIDENTIAL PROGRAM IS AVAILABLE TO ALL SCIENTIA CHALLENGE STUDENTS LIVING ANYWHERE IN AUSTRALIA.

SELECTION CRITERIA

SCIENTIA CHALLENGE Students qualify if:

- Scored at or above the 95th percentile (I.Q. 125+) on an individual or group I.Q. test; or scored at or above the 95th percentile on a subscale (e.g. verbal or performance) of an individual I.Q. test or;
- Scored at or above the 95th percentile on a standardised test of achievement in any academic subject area or;
- Scored well within the top band on the Basic Skills Test or;
- Gained placement in a full time, self-contained class for academically gifted students (e.g. Opportunity Classes in NSW Schools) or entry to a selective high school;
- Obtained an Academic Scholarship of some description or;
- Gained a Distinction or High Distinction in the Australian Schools Science or English Competitions, or the Australian Primary or Secondary Mathematics Competition or;
- A letter from the school confirming that the student's academic potential in any/all subject areas is within the top 5% of the student population **and**;
- Behaves in a manner that respects the safety and learning needs of others.

Cosmology

CARL GIBBS

Cosmology is the study of the origin, nature, evolution and large-scale structure of our Universe, encompassing literally everything from stars and galaxies to space and time itself. While today Cosmology is considered a science, a branch of astrophysics, science itself only 400 years ago was a branch of Philosophy and less than 3000 years ago indistinguishable from religion.

Read more on our website.

Developing Interactive Animations for the Web

DEAN UTIAN, FACULTY OF THE BUILT ENVIRONMENT

Over the past decade we have witnessed the awesome development of the World Wide Web as a major medium through which we can express ourselves to a watching world. New tools for delivering Web content are emerging every day, the constant challenge being to find an appropriate design balance between innovative presentation techniques and overcoming the bandwidth limitations of current Internet technologies.

In this workshop you will be making an interactive movie for the Web that can incorporate things like sound, images, animations and dynamic 3D elements.

Read more on our website.

Hooking into Shakespeare through Drama

CARLA MOORE

By using drama as our main approach we discover Shakespeare text through activity, play, relevance and engagement. Through games, exercises, analogies and role-play, the workshops are endowed with purpose, and leads students to an understanding of Shakespeare, not through text, but through action and performance.

Making a Difference through the United Nations

TAYLOR DONG

(in memory of the late Dr John Hirschman)

Have you ever wondered how you could make a difference? And how humanity can be changed?

This workshop will take you on a journey of discovery as you uncover the structure and function of the United Nations and its agencies.

DAY ONE: will consist of a series of interactive workshops, covering the theoretical components of the United Nations, including the viewing of official United Nations information and project videos, and a mock security council.

DAY TWO: a fieldwork excursion to several of the United Nations agencies located in Sydney including UNICEF Australia, Australia for UNHCR and The World Bank. Learn first hand the roles of the United Nations peacekeeping functions, poverty and hunger relief, conflict resolution and child protection. Learn how the future of human rights lies in our hands and how you can make a difference.



The Eyes Have It: The World of Sight

THE INSTITUTE FOR EYE RESEARCH

More than two-thirds of the world's population requires some form of vision correction, yet many of us take sight for granted. In fact, being able to see clearly is one of the prerequisites of living with books, computers, traffic, and many of the other features of modern life. In this workshop you will:

- explore the world of sight and find out just how your eyes operate
- investigate ways in which defects of sight can be corrected
- learn about the anatomy of the eye and how the eye sees
- examine the eye using a variety of clinical instruments, including a slit-lamp biomicroscope, which enables you to see the various structures of the eye in detail
- learn about the science of optics and how glasses and contact lenses affect vision
- investigate the microbiology of the eye
- learn how to give a basic eye examination and test your own sight
- examine a model eye and see how it can be used in research
- investigate racial differences in eye shape and how these affect vision correction treatments.
- find out about the latest contact lens research and future directions in vision correction.

The Injured Brain: What Hopes for Recovery

ASSOCIATE PROFESSOR KEN ASHWELL,
SCHOOL OF ANATOMY

This workshop will discuss the many different ways in which the brain can be damaged and the effects of such injury. We will also consider to what extent modern research can offer hopes for eventual repair. We will consider in detail two particular types of injury:

- Spinal cord damage resulting in paraplegia or quadriplegia;
- Alzheimer's Disease with loss of memory and other higher functions.

Read more on our website.

This is Philosophy; Reason, Logic and Ethics

AD VAN BEERS

This workshop will really stretch your brain! We will be learning how to evaluate and 'see' the truth-status or validity of simple as well as complex statements. We'll use three different graphic representation styles which, with a bit of practice, can reveal the validity or otherwise of inferences, or justifications, underpinning various statements or propositions.

We then proceed to ask, and attempt to answer, some important questions such as: How should I as an individual relate to the rest of the world? In other words, how am I to live? What is a 'good' social organisation? What is ethically right and wrong and why is it so? What is the difference between ethics and etiquette? What is the role of ethics in business, the legal profession and in politics?

Read more on our website.



SCIENTIA CHALLENGE RESIDENTIAL

Whether you live **interstate**, in a **regional** or **rural** area beyond Sydney, or live within the **city**, would you like to have fun and get to know other gifted students?



Join a great group of students and Residential Leaders at the Scientia Challenge Residential.

Students who participate in the Scientia Challenge Residential get involved in a supervised stay and an activities program at a University College with other gifted students. It is a wonderful way for you to enjoy yourself beyond the workshops and to make friends with other students who share your abilities and interests.

"It's very hard to explain; and I believe only a very few people would get to experience this feeling. For those that have attended these programs more than once, I'm pretty sure they come back every time, just to grasp that feeling." kensho Tambara

Find out what it is like to live as a student on campus, and enjoy a supportive learning community. The Residential Program provides a wonderful opportunity for students to experience living in a University College and to initiate a gradual transition to University life.

Experienced Leaders provide a mix of activities to encourage students to learn about themselves, develop relationships and extend all the benefits of attending the GERRIC workshops. We want all students to have the most worthwhile experience possible.

This Program also provides a valuable opportunity to increase the benefits of like-minded students learning and having fun together.

Applying for the Residential Program?

Complete and attach the Residential Application Form to your Workshop Application Form and submit by closing date.

Forms available <http://gerric.arts.unsw.edu.au/students/brfrm.html>

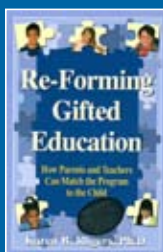
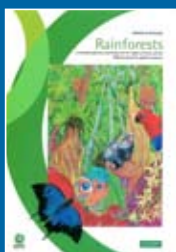
"If you aren't doing the residential, beg your parents to give you the opportunity. The residential program can even further the relationships and expand the society you have created." kensho Tambara

WANT MORE FACTS AND INFORMATION ON GIFTED EDUCATION?

GERRIC has a collection of approximately 30 resources available for sale, including reference texts, curriculum guides, CD's and tapes. These publications are written and spoken by leading international gifted educators and researchers and include authors, such as: Professor Miraca Gross, Dr. Karen Rogers, Dr. Cathie Harrison and Bronwyn MacLeod.

A catalogue of these titles is available to download from the GERRIC website and placement of orders can be made by mail, fax or phone.

For further information, please contact GERRIC **1800 626 824** or gerric@unsw.edu.au



TEACHERS

ARE YOU LOOKING FOR GREATER FLEXIBILITY AND CONVENIENCE WHEN IT COMES TO STUDY?

ARE YOU INTERESTED IN PROFESSIONAL DEVELOPMENT IN GIFTED EDUCATION?

GERRIC has developed an online workshop, covering 2-3 of the 5 strands of University of New South Wales', Certificate of Gifted Education (COGE).

COGE is one of Australia's most prestigious and successful professional development Programs for teachers. Since its inception in 1991, more than 1600 teachers, school administrators and school counsellors have participated in the program.

COGE Online offering greater flexibility, allowing you to network with your professional peers while learning from leading international experts in gifted education.

For further information: ☎ 1800 626 824 ☉ gerric@unsw.edu.au