

Why Science Teachers Recommend Students to the DRSA

It's Real Science...

It's an excellent opportunity for students to put their high school science to work on projects not available in the classroom, earn 2 co-op credits, work on a University-level lab report and fine-tune their presentation skills!

It's Real Research...

It's hands-on research experience, allowing students to work on cutting-edge projects that are part of a professional scientist's ongoing research.

It's Real Summer...

It's a unique experience where students will be able to meet kids from across Canada who like the same sort of things they do...where canoeing and swimming are at their doorstep...where they live at a beautiful summer lodge with great hospitality and where they make friendships for life!

What Students Get From Their DRSA Experience

Academic Enrichment

- Daily Research Experience
- Hands on Laboratory and/or Field Work
- Write a professional research paper
- Lecture Series: 4+ evening lectures
- Open House: Opportunity for students to discuss their projects with the public
- Research Symposium: Present their results in a formal presentation to the public. Graded by teachers.
- 2 co-op credits upon successful completion of the program
- Graduation: Awards, Speakers, Luncheon

Recreational Activities

- Three out of town excursions including hiking in Algonquin Park and an overnight trip for scientific enrichment
- Local Cultural Events
- Swimming, Canoeing, Sports, Games, Science Olympics
- Some past activities have included: Minute to Win It, Trivia, Movie Nights, Bon Fires, Christmas in July, Star Gazing, Casino Night, and many more...

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Deep River Science Academy®

NATIONAL EXCELLENCE FOR SCIENCE STUDENTS

Summer Science Immersion 2013

June 30th - August 10th

Real Science... Real Research... Real Summer!

Apply
Now for
2013!

Are you a student with a strong interest in science...one who is looking to a career in science, technology, engineering or math...who is always looking for a more detailed explanation to every experiment?

Then you would benefit from a program that allows you to test-drive a science career in a world-class laboratory!



REGISTRATION BEGINS ON OCTOBER 1ST, 2012

DRSA

The Deep River Science Academy (DRSA) was established in 1987 to give students a unique experience of hands-on participation in real research. For six weeks each summer, high school students come to Deep River from across Canada to work alongside a university level tutor and under the broader direction of a professional researcher.

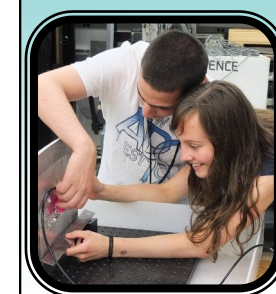
This experience helps students prepare for post secondary studies, explore career choices and gain insight into cutting edge Research and Development.

Camp Life

The DRSA integrates the academic advantages of on-site research with the typical lifestyle of summer camp. Students live at our lakeside residence where they are provided with a welcoming home-away-from-home. Extracurricular activities throughout the week round out this experience including our annual Science Olympics, theme nights and camp fires. Students also experience weekend excursions which may include a trip to Algonquin Park, an overnight Ottawa trip, and a boating & hiking trip!

Work Life

DRSA students experience the daily work day by participating in real research in a lab or field setting. With guidance from their tutors, students work



through their projects, write a professional scientific report, and present their findings to members of the science community all the while earning two co-op credits towards their high school diploma.

Why you?

Through this program, you have the chance to contribute to new and innovative scientific research while developing your skills in numerous areas.

In the lab or in the field you have the opportunity to expand on your current scientific knowledge and skills while learning about new techniques and equipment. At camp, you have the opportunity to socialize with like minded peers from across Canada. These experiences all add up to a wonderful opportunity for personal growth and development.

Deep River Science Academy®
613-584-4541 or info@drsa.ca



WWW.DRSA.CA



Deep River Science Academy®

NATIONAL EXCELLENCE FOR SCIENCE STUDENTS



Greetings,

The Deep River Science Academy (DRSA) is interested in connecting with high school students who have demonstrated a keen interest in science. Our Summer Science Immersion program is an excellent match for students who are actively engaged in scientific exploration in the classroom or through extra-curricular activities such as First Robotics, Regional Science Fairs, ScienceExpo or special interest programs such as the Specialist High-Skills Major and International Baccalaureate programs.

As part of the entry requirements to the program, we require a reference from a high school science teacher to support the student application. It is important to the DRSA that science teachers are aware of the opportunity available to their science students and the benefits which can be derived from this program.

The Deep River Science Academy has been offering its award winning program to students for the past 26 years. Students live together with full supervision for the 6-week duration of the program. Without fail, DRSA graduates say meeting and getting to know like-minded teens from across Canada is one of the most important facets of their DRSA experience.

Where else could you contribute to authentic research while enjoying a full and engaging recreational program in the evenings and on weekends? We look forward to receiving applications from youth across Canada as we prepare for another exciting and rewarding DRSA experience in the summer of 2013.

Karen Sullivan
Executive Director
Deep River Science Academy
karen.sullivan@drsa.ca



How much does it cost?

The cost of the DRSA summer enrichment program is \$5100 inclusive for the full six weeks of the program. This includes lodging/accommodation, excursions and recreational events. Part of this cost is often defrayed for students through entrance bursaries and scholarships and by the students using the fundraising strategy that we offer. If students apply before January 15, 2013 they will apply for our early bird tuition discount which will reduce the cost to \$4700!

Talk About it!

Discuss the possibility of attending DRSA Summer Science Immersion with your family, friends, teachers, peers and colleagues.

Register for it!

Registration forms will be available through the DRSA website (www.drsa.ca) beginning October 1, 2012. Remember, if you submit your application before January 15, 2013 you will be eligible for our early bird discount! The deadline for applications is March 15, 2013. First round offers will be sent out in February and final offers will be sent out by April 15, 2013.

What's Next?

Ask About it!

Contact the DRSA office if you have any questions regarding the program or the organization. Email us (info@drsa.ca), call us (613-584-4541), tweet us (@drsa_25) or find us on Facebook.

Think About It!

Visit our website at www.drsa.ca and read more about the program. Does this sound like something you or someone you know would enjoy and benefit from?

Some of our 2012 Research Projects

- | | |
|--|--|
| * Study of Sample Type and Isotope/Alloy Concentration on TSSD using Differential Scanning Calorimetry (DSC) | * Development of a pulsed NMR system for polarized ³ He characterization. |
| * Investigation of Phased Array Ultrasonic Transducers for Applications in the Nuclear Industry | * Development of Membrane Electrode Assemblies (MEA) using sPEEK membranes |
| * Dynamics of Steam-Generator Tube Vibration in Two-Phase Flow | * Antimony Adsorption on Zirconium Hydroxide in Aqueous Solutions |



"DRSA was the perfect icebreaker to the field of research. Getting to work with professionals in a science field I was interested in was definitely amazing!"

- Student



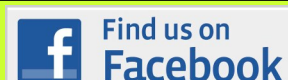
Remember it!

Past DRSA students have not only acquired lifelong friends and priceless memories over their time with our organization, they have also gained a love for research and development and a better understanding of it's contribution to the real world of science.

Learning the skills it takes to be a part of a research team and contributing to ongoing scientific research and development is what makes our program unique and memorable! We hope to see you here in the future!

"This experience was amazing for my future career. I hope to pursue my BSc in Biology and it gave me the ultimate hands on experience of how University will be."

- Student



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