

Put
Stamp
Here

Attn: Dr. Ginny Berkemeier
Senior Research Experience
Wheeler High School
Coker Building
375 Holt Road
Marietta, GA 30068



Timeframe

Many students find the research experience a worthwhile accomplishment to share with college admissions officers and choose to complete their project by fall of senior year. In addition, some students decide to enter their research in national science competitions such as the Siemens - Westinghouse (www.siemens-foundation.org) which has an early October deadline.

All projects must be completed by May of the senior year.

Your Next Step

Fill out the attached survey form. Attach your business card and return it today. Although this year's senior class may not have a research interest that matches your expertise, we hope that you will consider being "on deck" for future classes. We want to build a network of potential research mentors that enables our students to connect with experts throughout the country.

Please visit our website, call, or email
www.wheelermagnet.com
770-578-3286
Ginny.Berkemeier@cobbk12.org



The Senior Research Experience

ADVANCED SCIENTIFIC INTERNSHIP PROGRAM AT THE CENTER FOR ADVANCED STUDIES

The Center for Advanced Studies attracts the best high school math and science talent in Cobb County. The rigorous curriculum offers our students the opportunity to take advanced math and science courses typically offered in college. Seniors in our program are ahead of many university students in the breadth and depth of their technical studies and are ready to pursue in-depth scientific research.

Each senior is responsible for identifying areas of specific personal interest and arranging to work with a mentor who is an expert in that field. The mentor serves as a guide and resource, supervising original or ongoing research before or during the student's senior year.

How You Can Help

Open a door

Experience has shown that the best mentor opportunities are often developed as a direct result of introductions and professional connections made on behalf of our students by parents and interested community leaders. Research projects can be initiated in the summer, managed via either e-conferencing, as part of an ongoing long-term collaborative research project or on-site at a university or corporate campus during the school year. Mentors do not need to be located in Atlanta.

Commit Time to the Resource Office

The Senior Research Experience logistics are handled by the academic coordinator and a team of parent volunteers. Students have access to a resource room with files by topic and links to potential mentors. Volunteers to help staff and support this resource are always needed.

Serve as a Mentor

Agree to serve as a guide and resource as a talented young person learns to apply their analytical research skills outside of the classroom setting. Each mentor relationship is unique and is designed around the expertise and time availability of the mentor.

Most mentors take on a single student; however, there are some research endeavors that work well with multiple students. Flexibility is the key to a successful project.

Research Interests

The following are interest areas that the rising senior class would like to pursue for their senior research experience. Future seniors will have additional ideas:

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|------------------------|------------------------|
| Advertising | Forensic Science |
| Aerodynamics | Genetics |
| Aerospace | Human Anatomy |
| Architecture | Math |
| Art | Mechanical Engineering |
| Astronomy | Medicine |
| Biochemistry | Meteorology |
| Biomedical Engineering | Microbiology |
| Biotechnology | Neonatal Medicine |
| Biomedical Science | Nuclear Medicine |
| Biology | Nutrition |
| Cardiology | Ophthalmology |
| Computer Programming | Orthopedics |
| Computer Engineering | Orthodontics |
| Computer Science | Physical Therapy |
| Chemistry | Physics |
| Cycling | Physiology |
| Genetics | Psychology |
| Graphic Arts | Psychiatry |
| Drafting | Radiology |
| Economics | Robotics |
| Electrical Engineering | Sports Medicine |
| Electronics | Structural Engineering |
| Emergency Medicine | Telecommunications |
| Epidemiologist | Veterinary Medicine |
| Food Industry | Weapons Technology |

Survey

Yes, I am interested in learning more about serving as a mentor.

My area of expertise is:

Yes, I can help make introductions for students interested in

Yes, I can help to staff and organize the resource room.

My business card is attached.

You can reach me at:

Name: _____

Address: _____

E-mail: _____

Phone: _____

Magnet parent of _____
(if applicable)

Completing this survey in no way obligates you to serve as a mentor, but does indicate that you would like to learn more about the opportunity.

Thank you for taking an interest in the Center for Advanced Studies in Science, Math, and Technology.