

Summer Residential Governor's School (SRGS) Guide for Deep Run High School Students (2016-2017)

Summer Residential Governor's Schools provide gifted sophomore and junior students with intensive educational experiences in visual and performing arts, humanities, mathematics, science, and technology, life science and medicine, or through mentorships in marine science or engineering. Students live on a college campus for up to five weeks and participate in classroom and laboratory work, field studies, research, individual and group projects and performances, and seminars with noted professionals. In the two mentorships, students are selected to work side-by-side with research scientists, physicians, and a variety of other professionals.

Let's start with the most important thing first...

The following web address is where you will find the applications, recommendation forms, as well as a parent/student guide and other info. This will answer many of your questions during the application process:
http://www.doe.virginia.gov/instruction/governors_school_programs/summer_residential/

Who is eligible to apply for the Summer Residential Governor's Schools?

The following criteria must be met for a student to be eligible for consideration:

- The student must currently be a 10th or 11th grade student.
- A student must be neither a current applicant to a 2017 Governor's Foreign Language Academy or other Summer Residential Governor's School, nor a former participant in these programs.
- In all three programs (academic, mentorship, or visual and performing arts), applicants must be identified as gifted. For those students who have not already been identified as gifted through Henrico County Public Schools, the Governor's School selection process is sufficient to meet these criteria. Please see Ms. Bien in the School Counseling Department if you have questions about this process.

There are three types of applications.

- Academic Application- for Agriculture, Humanities, Medicine and Health Sciences, and Math, Science, and Technology
- Mentorship Application- for the Engineering/NASA/NIA and Marine Science programs
- Visual and Performing Arts (VPA) Application- for all of the subcategories of the Visual and Performing Arts program (dance, instrumental music, theater, visual arts, and vocal music)

Other criteria to consider and DEADLINES:

- Students selected for SRGS will live on a college campus for the entire duration of their program
- The VPA programs require attendance at an info session December 5th at Henrico High School at 4:30 PM and participation in an adjudication process January 7th at Christopher Newport University.
- All applications are found online and need to be downloaded and typed. Please submit a printed hard copy to Ms. Bien.
- You will need to submit two teacher recommendations, the forms which are found on the website.
- Only two student applications overall will be chosen to go to the county-wide selection process for the Academic programs; up to two students per VPA discipline will go to adjudication.
- Please adhere to the Deep Run High School application deadlines:
 - November 4th – INTEREST Applications for Visual and Performing Arts programs due (first 3 pages, not including cover page)
 - December 16th – Final applications for selected Visual and Performing Arts nominees due
 - December 16th – Applications for Academic/Mentorship programs due

Summer Residential Governor's School (SRGS) Overview of Programs (2016-2017)

ACADEMIC & MENTORSHIP PROGRAMS

- **Agriculture**

- June 25 – July 22
- Virginia Tech
- 100 students selected
- Students will study a curriculum of issues, topics, and challenges pertinent to the field of agriculture in its broadest sense. The program emphasizes the use of field experiences to investigate and research diverse topics related to environmental implications, resource management, biotechnology, political and economic implications of domestic and international trade, and the nature and structures of support systems within agribusiness. The primary goal of the agriculture program is to increase students' understanding and appreciation of the infrastructure and implications of Virginia's largest industry and for the sustainability of healthy foods, healthy people, and a healthy planet.
- <http://www.alce.vt.edu/governors-ag-school/index.html>

- **Humanities**

- June 25 – July 22
- Radford University
- 200 students selected
- Students explore how modern society requires, encourages, and restricts individuals as they seek realization of their creative potential. Students explore humanities through history, literature, philosophy, anthropology, political science, economics, sociology, psychology, and media. Learning takes place through reading, discussion, seminars, and lectures. This program provides an enriching, intellectual experience that stimulates gifted students to use their imaginations, and to think more creatively and productively.
- <http://www.radford.edu/content/gov-school/home.html>

- **Math, Science, and Technology**

- July 2 – July 29
- Lynchburg College
- 160 students selected
- This program challenges each student to learn a substantial amount about a particular area in mathematics, science, and/or technology at the same time that the curriculum illustrates the ever-increasing interdisciplinary nature of modern science, mathematics, and engineering. In addition to hands-on laboratory and multimedia-based instruction in content areas outlined by courses, students are exposed to a series of interdisciplinary questions pertaining to the nature of science, the design of scientific experiments, the respective roles of logic and mathematics in science, and public-policy aspects of science and technology.

- **Medicine & Health Sciences**

- July 2 – July 29
- Virginia Commonwealth University
- 26 students selected
- Provides an enhanced curriculum that explores the health sciences and medicine through a systems-based, problem-solving approach that utilizes case studies, laboratory investigations and real-world shadowing experiences. Students will see the connections among the patient, the community and

the health scientist. Students spend a total of four weeks at VCU discovering the newly emerging fields and advancements that will revolutionize health care in the 21st century.

- <http://www.dhsd.vcu.edu/pipeline-programs/high-school/governors-school-for-medicine-and-the-health-sciences/>
- **Mentorship in Engineering at NASA/NIA**
 - June 25 – July 22
 - Christopher Newport University
 - 12 students selected
 - Designed to provide challenging, real-life, team-oriented work experiences. Students will be working in concert with NASA/NIA mentors and staff in a team-oriented approach to their learning experiences. Students are given the opportunity to view engineering and research from a unique perspective and to become familiar with career options through their individual mentorships, their community time with other students, and their tour opportunities.
- **Mentorship in Marine Science at VIMS**
 - June 25 – July 22
 - Christopher Newport University
 - 6 students selected
 - Students conduct research and field studies encompassing the study of biological, chemical, geological and physical oceanography, wetlands ecology, fisheries science, coastal law, marine resource management, and advisory services, in the estuaries and tidal basins, and of the Chesapeake Bay. Activities and responsibilities typically include a combination of the following: field and vessel work; collection, preparation and interpretation of data; library research; computer analysis; and laboratory studies.
 - http://education.wm.edu/centers/cfge/gov_school/index.php

VISUAL AND PERFORMING ARTS

- June 25 – July 22
- Radford University
- 200 students selected
- Programs offered (can only apply to one):
 - Visual Art
 - Dance
 - Instrumental Music
 - Vocal Music
 - Theatre
- This program offers classes, workshops, individual/small group activities, lectures, and independent study in a variety of subjects in the visual and performing arts. Students may have some interdisciplinary classes that focus on the integration of the arts with other disciplines. In these classes, students will be grouped in interdisciplinary teams to study the techniques, materials, media, language, and conventions of that form, related to the program's theme. The focus of study will be the symbiotic relationship between art and society, and the societal and individual opportunities and responsibilities of the thinking artist. Outside reading and preparation for courses is expected of all students. Works in progress by faculty, guest artists, staff, and students are shared in order to enrich individual perceptions related to the arts.