



2024 WEST VIRGINIA GOVERNOR'S COMPUTER SCIENCE INSTITUTE AT WVU  
*Faculty Application*

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**PERSONAL INFORMATION**

Name	
Email	
Mailing Address	
City, State, Zip	
Telephone/Cell Phone	

***The Governor's Computer Science Institute is an effort to provide students statewide with an overview into various branches in the field of computer science. As such, we are keeping the potential topics open to allow for a diverse offering to students. Our goal is to have classes and projects that can reach the initiate as well as the experienced student. The institute consists of one session—seven days in length—in which faculty would teach content related to computer science (programming, cyber security, GIS, gaming, microprocessors/robotics, artificial intelligence, virtual reality, etc.). The first day (Sunday) will consist of an opening ceremony and activity followed by dinner and evening activities. Monday through Friday are days for morning classes, afternoon projects, and recreational evening activities. The final day (Saturday) is for project presentations and a closing banquet/ceremony. Faculty members will be required to teach a 90-minute class, twice each morning (to two different groups of students; therefore, the lessons for each class can be the same) for five days and conduct/facilitate a project with students for 2 hours per day (after lunch) for five days plus 2 hours on Saturday morning to prepare for presentations.***

Check the boxes beside any topic you are interested in and able to teach:

- Programming
- Cyber Security
- GIS
- Gaming
- MicroProcessors/Robotics
- AI
- VR
- Other, explain

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**NOTE:** If you have taught at GCSI, you do not need to complete the sections below titled "Education and Experience" and "References."

**EDUCATION AND EXPERIENCE**

Highest Degree: *Provide information for the type of degree(s) you have earned and the school(s) where it/they was/were received.*

Teaching  
Certification(s):

Experience: *Provide information about any teaching experience you have below. List your current teaching position, and the classes you teach or have taught in the past. Current college students may list student teaching experiences, but please indicate that the position was as a student teaching position and not a position as a full-time employee.*

Current Teaching Position:

Math/Computer Science Courses Currently Teaching or Have Taught:

Have you ever taught at a WV Governor's School? If so, list the year(s) and the school(s).

List any other teaching experience(s) that you feel has helped strengthen your ability to teach the kinds of students you will work with at GCSI.

**REFERENCES** Provide the names and contact information for **two** professional references.

Name

Email

Phone Number


Name

Email

Phone Number


**IMPORTANT NOTE!**

This application must be submitted via email to [ggibson@k12.wv.us](mailto:ggibson@k12.wv.us) and by **January 31, 2024**. Please read the information below to get an idea of what this year's GCSI program at WVU will look like.

*If you have any questions, please feel free to email the WVU GCSI directors...  
Gretchen Gibson ([ggibson@k12.wv.us](mailto:ggibson@k12.wv.us)) or Bill Gibson ([wgibson@k12.wv.us](mailto:wgibson@k12.wv.us))*

**All faculty members working with students at GCSI must have a background check completed and on file with the university.**

# 2024 WEST VIRGINIA GOVERNOR'S COMPUTER SCIENCE INSTITUTE AT WVU

## Faculty Information

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### DATES:

June 16, 2024 – June 22, 2024

### DAILY SCHEDULE:

Breakfast: 7:30a.m.-8:30a.m.  
Class One: 8:30a.m.-10:00a.m.  
Break: 10:00a.m.-10:15a.m.  
Class Two: 10:15a.m.-11:45a.m.  
Break: 11:45a.m.-12:00p.m.  
Lunch: 12:00p.m.-12:45p.m.  
Research Time: 1:00p.m.-3:00p.m.  
Afternoon Activity: 3:00p.m.-5:00p.m.  
Dinner: 5:00p.m.-6:30p.m.  
Evening Activity: 6:30p.m.-9:00p.m.

THE STUDENTS IN THE TWO CLASSES  
WILL BE DIFFERENT STUDENTS;  
THEREFORE, TEACHERS MAY WRITE ONE  
LESSON PLAN AND USE IT FOR BOTH  
CLASSES EACH SESSION.

FACULTY IS GIVEN FREE TIME DURING  
AFTERNOON ACTIVITIES. FACULTY MUST  
ATTEND SOME, BUT NOT ALL, EVENING  
ACTIVITIES.

### SALARY:

Faculty will be paid \$350 a day (for a total of \$2,450) for teaching at GCSI at WVU.

### CLASS/PROJECT TIME:

- While the material taught in class and used with the project will be directly connected, half of the students learning the class material will be doing other projects and are in the class to gain exposure beyond what they'll learn for their project.
- **CLASS LESSON PLANS (not submitted at this time)**
  - Lesson plans should be structured with a definite plan for the students and teacher to follow during each 1.5-hour session. However, they should NOT resemble a traditional lesson plan (with lectures and notetaking). This is an extension program in which students should be learning through the use of hands-on exploration and application of concepts.
  - Each group will have access to a computer lab, but classes may need to share the room (labs have about 30 computers and there aren't 6 separate labs within easy walking distance).
  - The same class lesson plans may be used for the 8:30-10:00a.m. and 10:15-11:45a.m. class times.
  - Each class group will have approximately 10 students.
- **PROJECT TIME LESSON PLANS (not submitted at this time)**
  - Lesson plans should include a project idea for students to research and then produce a finished product to showcase for parents and students on the last day of the session. Faculty may select the project idea or may allow students to be involved in coming up with their final product to present on the last day; however, if students will be selecting the project, faculty must provide a narrowed down focus of what the project will include and how they will guide students in determining what the project will be.
  - If needed, there is money to purchase materials needed for class/projects (the GCSI directors will purchase the materials and have them available for teachers on a daily basis). Materials can be purchased before the program begins and then as needed as the program progresses.
  - Each class and project group will have approximately 10 students.