

2023 WEST VIRGINIA GOVERNOR'S COMPUTER SCIENCE INSTITUTE AT WVU  
Faculty Application

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**PERSONAL INFORMATION**

Name: \_\_\_\_\_

E-Mail Address: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

**EDUCATION AND EXPERIENCE**

Degree(s)

*\*Provide information for the type of degree you obtained and the school where it was received. If you do not hold a degree listed, write N/A.*

Bachelor's Degree: \_\_\_\_\_

Master's Degree: \_\_\_\_\_

Doctoral Degree: \_\_\_\_\_

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 Governor's school? If so, list the year(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: \_\_\_\_\_

E-MAIL: \_\_\_\_\_ PHONE NUMBER: \_\_\_\_\_

NAME: \_\_\_\_\_

E-MAIL: \_\_\_\_\_ PHONE NUMBER: \_\_\_\_\_

## **OUTLINE OF CLASS DESCRIPTION/RESEARCH PROJECT PLAN**

*\*This is the first Governor's Institute specifically related to 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, security, GIS, etc). The first day (Sunday, June 16) 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 various evening activities. Saturday is for project presentations and a closing banquet/ceremony. Faculty members will be required to teach five 90-minute classes, twice each morning (two different groups of students), for five days and conduct a project with students for 2 hours a day for five days plus 2 hours on Saturday to prepare for presentations. **Please include a detailed day-by-day outline of what each of the five class sessions and each of the five project periods would include when you submit this application.** The selection of faculty members will be based largely on the class description/project plans submitted by those wishing to be faculty members; therefore, sufficient time should be dedicated to this portion of the application. You do not need to submit full lesson plans, but you must lay out a detailed plan for the selection committee to follow your idea.*

### **IMPORTANT NOTE!**

This application must be submitted via e-mail to [ggibson@k12.wv.us](mailto:ggibson@k12.wv.us), [cheryl.keffer@k12.wv.us](mailto:cheryl.keffer@k12.wv.us), and [rjwisema@k12.wv.us](mailto:rjwisema@k12.wv.us) by January 31, 2023. 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 e-mail the WVU GCSI directors...*

Gretchen Gibson ([ggibson@k12.wv.us](mailto:ggibson@k12.wv.us))

Bill Gibson ([wgibson@k12.wv.us](mailto:wgibson@k12.wv.us))

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**DATES:**

June 16, 2023 – June 22, 2023

**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 \$2625.00 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**
  - 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 should be used for the 8:30-10:00a.m. and 10:15-11:45a.m. class times.
- **PROJECT TIME LESSON PLANS**
  - 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 GSI directors/interns will purchase the materials and have them available for teachers on a daily basis). Materials can be purchased as needed as the program progresses if time allows.
  - Each class and project group will have 10 students.