

Mark D. King

**Information Systems Manager, Webmaster, and
Mathematics Teacher**

804.313.1920

Relocating in June 2018 to:
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PROFESSIONAL EXPERIENCE

Information Systems Manager

Chesapeake Bay Governor's School for Marine and Environmental Science, Warsaw, VA, 2017–Present

Oversee multiple information systems, including Schoology SIS, Knack databases, and NWEA MAP testing.

- Manage student and faculty accounts in Schoology student information system; expand use of Schoology beyond our initial limited implementation; lead faculty workshops
- Implement Knack database management system to supplement our current student information system
- Manage NWEA MAP administrator accounts for 14 counties served by the governor's school; explore and implement applications of MAP testing data for student assessment

Webmaster

Chesapeake Bay Governor's School for Marine and Environmental Science, Warsaw, VA, 2013–Present

Develop, maintain, and update content for the school website. Troubleshoot problems as necessary.

Mathematics Teacher

Chesapeake Bay Governor's School for Marine and Environmental Science, Warsaw, VA, 2011–Present

Teach dual-enrollment courses in calculus and statistics at a regional public magnet school. Previously taught algebra II and pre-calculus.

- Designed current governor's school statistics curriculum.
- Led teacher development session on classroom applications of Arduino hardware and software. ^[1]_{SEP}
- Led grant-writing for three successful grants.
- Offer technology support for the Warsaw campus.

Master Teacher, NASA Space Coast Scholars Program

NASA VA Space Grant Consortium, Hampton, VA, 2015–2017

Taught an online, STEM-based curriculum to high school students across Virginia and a week-long Space Coast Summer Academy at Wallops Island.

SKILLS

HTML/CSS

JavaScript (jQuery)

C++

Ruby/Rails

JSON/YAML

Webmaster Services

WordPress

Student Information System Management

Database Implementation and Management

Data analysis

Arduino Classroom Instruction

Critical Thinking

Organization

Stakeholder Communication

Grant Writing

Training and Professional Development

PROJECTS

github.com/gute73

EDUCATION

Doctor of Philosophy, Program in Ethics, Philosophy, and Politics in the Study of Religion, Indiana University, Bloomington, IN

Master of Divinity, Harvard University, Cambridge, MA

Bachelor of Arts, Speech Communication & Religious Studies, University of Richmond, Richmond, VA

Teacher Chaperone, Building Leaders for Advancing Science and Technology (BLAST) Program

NASA VA Space Grant Consortium, Hampton, VA, 2016, 2017

Led a group of students through a four-day intensive science education and leadership camps at the University of Virginia (2016) and Old Dominion University (2017).

Summer STEM Camp Instructor

Rappahannock Community College, Warsaw, VA, 2016, 2017

Introduced advanced STEM topics to regional middle school students in week-long summer camp

- Taught students to use design software and a 3-D printer to brainstorm, engineer, and build their own inventions, including a capstone model rocket project.
- Co-designed curriculum for Arduino-based camp that introduced students to basic C++ coding and engineering concepts

CERTIFICATION

Virginia Department of Education
Postgraduate Professional License #PGP-0667794

Endorsements: Mathematics, Gifted Education

Dual-Enrollment Certification in Mathematics: Rappahannock Community College