

Executive Search
for open-rank, tenure-track/tenured
Faculty Positions in
Cybersecurity
with a concentration in
Big Data



AUGUSTA
UNIVERSITY



Augusta, Georgia

Cybersecurity Faculty - Big Data

Augusta University, a Carnegie Doctoral University (Higher Research Activity) and academic health center of the University System of Georgia, announces a national search to recruit educators and researchers for open-rank, tenure-track/tenured positions in a new interdisciplinary **Cybersecurity** program. A primary concentration is **Big Data and its related disciplines of Data Science, Analytics and informatics**. Applications and nominations are being accepted.

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The Opportunity

Cybersecurity is an academic field of increasing importance to governments and enterprises around the world. The demand for individuals with expertise in this area continues to grow as society's dependence on electronic information systems increases and hackers become ever more adept at bypassing digital security measures.

Over the past few years, Augusta University has been establishing cyber curriculums. A cybersecurity program is available through the Hull College of Business, a medical informatics program focused on protection of health information through the College of Allied Health, and courses on cyberterrorism through the Pamplin College of Arts, Humanities and Social Sciences. Two certificate programs - *Cyber Defender* and *Advanced Cyber Defender* - also are available to degree-seeking students and graduates who want to retool their skills to enter the field of information security and assurance.

In January 2015, Chancellor Hank Huckaby of the University System of Georgia (USG) created a Consortium of seven USG institutions, including Augusta University, to assess and develop academic programs to meet the growing demand of employment in the cybersecurity fields of financial services, healthcare and the military defense. Augusta University's Provost, Dr. Gretchen Caughman, was selected to co-chair the consortium and immediately set forth a plan to make the university a leader in this field.

In June 2015, Augusta University announced a major commitment to addressing the needs in this field and

launched its Cyber Institute. Providing the framework for all things cyber at the university, the Cyber Institute will develop research, new curriculum and outreach opportunities in cybersecurity.

Joanne Sexton was named the first Director of Augusta University's Cyber Institute in July 2015. Before joining the University's business school faculty 15 years ago, she served as the first Commanding Officer of what is known today as Navy Information Operations Command Georgia. She completed 23 years of Navy IT-related experience, providing hardware maintenance, software development and support, telecommunications services, computer center operations, quality assurance, space operations management, project management, and information security practice.

Professor Sexton holds a Master of Computer Science Degree and a Master in National and Strategic Studies Degree and is a Certified Information

Systems Security Professional (CISSP). Additionally, she holds four Global Information Assurance Certifications (GIAC): GSEC, GCIH, GCIA and GPEN.

The University has committed funds and resources to ensure that the program becomes a Department of Homeland Security and National Security Agency National Center of Academic Excellence in Cyber Defense Education (CAE_CD). In January 2016, the University submitted its application to be designated a CAE_CD institution. The long-term goal is to achieve CAE-R designation.

State and federal elected officials have encouraged the steps taken by Augusta University. Georgia is one of the top states for security jobs. With Augusta being home to the National Security Agency Georgia (NSAG), the Cyber Center of Excellence at Fort Gordon, and future home of United States Army Cyber Command Headquarters, Augusta University is poised to advance quickly to the leading edge of cybersecurity research and education.

Big Data

One of the priorities for Augusta University is to become a global academic and research leader in **big data**. The university is seeking educators and researchers who have knowledge,



Major General Stephen Fogarty, Commanding General of the U.S. Army Cyber Center of Excellence, addressed more than 500 participants at the 2015 BSidesAugusta event. Augusta University also hosts and sponsors the Cyber Institute's Cyber Education Summit, which attracts 600 attendees, and the annual Security Onion Users Conference, which has 200 attendees.

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Renovations include installing fiber optic cable in the cyber lab.

Mission Statement

To provide leadership and excellence in teaching, discovery, clinical care and service as a student-centered comprehensive research university and academic health center with a wide range of programs from learning assistance through postdoctoral studies.

experience and research in Big Data, both structured and unstructured, and the security and risk factors of its creation, storage and usage. The use of big data as a predictor of cyber behavior is also highly desired.

Big data research is already well established and at the forefront of Augusta University's world-renowned Cancer Center and Center for Biotechnology and Genomic Medicine. Health and biomedical Informatics are strengths of the College of Allied Health Sciences and Department of Biostatistics. Augusta University also hosts the annual National Library of Medicine (NLM) Georgia Biomedical Informatics Course fellowship designed to assist medical educators, medical librarians, medical administrators, clinical practitioners, and faculty to become agents of biomedical informatics advances at their institutions. With this already formative big data footprint, Augusta University seeks to develop its big data education and research efforts into the cyber realm.

Each position will require a joint appointment in the Cyber Institute and one of the university's nine colleges. Faculty who are able to conduct research and teach in an interdisciplinary environment and can hold a security clearance are highly encouraged to apply. Individuals working in corporate or governmental setting in this field will be strongly considered.

Cyber Institute faculty members will have a key role in building cyber-related graduate programs and developing

research projects that reach across the University.

Requirements

Candidates must be professionally qualified and have extensive knowledge and demonstrated experience in the field of Cybersecurity.

Preferred qualifications:

- Ph.D. or comparable degree
- An academic record commensurate with time in their field
- Strong evidence of leadership ability
- A successful record of research and grant writing
- The ability to interact and communicate clearly with external and internal constituencies

Rank and tenure within the university will be determined by experience, educational background and record of research.

Augusta University

Founded in 1828, Augusta University, formerly Georgia Regents University, is one of only four public comprehensive research institutions in the state of Georgia. More than 8,300 students are enrolled in classes offered on campus and online. Programs emphasize creativity, critical thinking and problem solving both inside and outside the classroom, even expanding the learning experience around the globe.

Enrolled for Fall 2015 were 775 freshmen, 4,201 other undergraduates, 1,506

graduate students, 1,258 first professionals and 593 medical and dental residents. The student body is 60 percent female.

The university offers 127 academic programs across its nine colleges and schools:

- College of Allied Health Sciences
- Pamplin College of Arts, Humanities and Social Sciences
- Hull College of Business
- Dental College of Georgia
- College of Education
- The Graduate School
- College of Nursing
- College of Science and Mathematics
- Medical College of Georgia

The university is a \$1 billion-plus enterprise with statewide and national reach. The Medical College of Georgia includes a partnership campus in Athens, Ga., and satellite campuses in the Georgia cities of Albany, Rome and Savannah. In addition to its academic units, the university has an integrated health system, including the Children's Hospital of Georgia.

A degree from Augusta University is greatly respected. Alumni speak highly of their education, citing factors such as small class sizes, extensive faculty support and in-depth clinical training.

The university plays a leading role in incorporating technology into the curriculum. Examples include simulation labs, distance- and Internet-based

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instruction and customized mobile applications for students and faculty.

More than 1,000 full-time faculty members and approximately 7,000 staff serve the university. Students are taught by some of the most prestigious scientists, clinicians, scholars and artists in the nation. Faculty members not only convey vital information, they also conduct extensive research.

A tobacco-free environment, Augusta University has a strong commitment to research. The university fosters interdisciplinary research collaboration and is well-known for health care oriented research. Augusta University is committed to developing an equally impressive cyber-oriented research agenda in the near term. The university's Office of Technology Transfer and Economic Development aggressively cultivates promising research and directly assists in the transfer of breakthroughs to the marketplace.

The university has a growing intercollegiate athletics program. It fields men's and women's golf teams in NCAA Division I. In 11 other sports, the Jaguars compete in the Peach Belt Conference in Division II. The Jaguars have captured several championships, including the men's golf team's national championships in 2010 and 2011.

Augusta, Georgia

One of the largest cities in Georgia, Augusta is located on the bank of the Savannah River midway between the Great Smokey Mountains and the Atlantic Ocean. A growing city with a metropolitan-area population of around 400,000, it recently was ranked one of the most favorable places to live in Georgia.

The city offers a wide array of cultural, historical and recreational activities. Museums, opera, theatre, ballet, concerts, historical sites and professional sports are all available in Augusta.

The city is home to Fort Gordon, a large, multi-mission, multi-service military installation providing base services

Values

- *Collegiality: reflected in collaboration, partnership, sense of community, and teamwork.*
- *Compassion: reflected in caring, empathy, and social responsibility.*
- *Excellence: reflected in distinction, effectiveness, efficiency, enthusiasm, passion, and quality.*
- *Inclusivity: reflected in diversity, equality, fairness, impartiality, and respect.*
- *Integrity: reflected in accountability, ethical behavior, honesty, and reliability.*
- *Leadership: reflected in courage, honor, professionalism, transparency, and vision.*

and support across a wide spectrum of training, operational and soldier sustainment needs. Among its regional and world-wide missions are military intelligence and cyber operations. The installation is recognized as a U.S. Army Cyber Center of Excellence. Nearby are the U.S. Department of Energy's

Savannah River Site (SRS) and nuclear electric generating facility Plant Vogtle.

Major cities and favorite Southern destinations are only a short drive away: 1 hour to Columbia, SC; 2 hours to Atlanta, Ga.; 2.25 hours to Savannah, Ga., and 2.5 hours to Charleston, S.C.

Application and Nomination Process

Confidential inquiries are welcomed and nominations are invited.

1. To apply, submit:

- a) A letter of interest
- b) Current curriculum vitae
- c) Statement of research interests
- d) Statement of teaching interests
- e) At least five references with full contact information (References will not be contacted without consent from applicants.)
- f) Your answers to the **required** questions at:
www.myersmcrac.com/skins/userfiles/file/MMQuestions.pdf

2. Submit applications to: **AU-BigData@myersmcrac.com**

Review of applications begins immediately. For best consideration, application materials should be received by **April 7, 2016**. Applications accepted until all positions are filled.

Nominations should include contact information for the individual being nominated. Submit nominations to the email address provided above.

Emily Parker Myers, Chief Executive Officer; **Alan Medders**, President, and **Robb Myers**, Senior Vice President, of **Myers McRae Executive Search and Consulting** are assisting Augusta University with this search.



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