



Rendering of new Integrated Engineering and Science Education Building



**LOUISIANA TECH**  
**UNIVERSITY®**

## **The College of Engineering and Science**

***ANNOUNCES A NATIONAL SEARCH FOR***

## **Faculty in Computer Science and Cyber Engineering**



## The College of Engineering and Science Mission Statement

We provide a quality undergraduate and graduate education that responds to the needs and challenges of our ever-changing world, includes an international perspective and stimulates social and ecological awareness. We promote the knowledge, skills, ethics, creativity and critical thinking necessary for professional competence and life-long learning. We conduct quality research throughout the college and world-class research in key focal areas.

**The College of Engineering and Science at Louisiana Tech University,** a public research university in north Louisiana, invites applications from **highly qualified faculty for three positions, at all ranks, in the Computer Science and Cyber Engineering programs.**

### The Opportunity

The College of Engineering and Science (COES) currently enrolls more than 3,000 students, including over 200 master's and over 130 doctoral students. The college offers 14 bachelor's degree, 7 master's degree, and 5 Ph.D. degree programs. The vision of the college is to be a world leader in integrating engineering and science in education and research.

In 2012, COES launched the nation's first Bachelor of Science in Cyber Engineering degree program. Today,

Louisiana Tech is one of less than 50 comprehensive research universities in the nation and the only university in Louisiana to be designated as a National Center of Academic Excellence in Information Assurance Education and Research and a National Center of Academic Excellence in Cyber Defense Education and Research by the National Security Agency (NSA) and the United States Department of Homeland Security (DHS).

This academic year, the college will break ground on a new Integrated Engineering and Science Education

Building that will provide 128,000 square feet of space to expand its focus on project-driven curricula. The building will provide active, integrated learning environments for first- and second-year engineering and science undergraduates.

COES recently embarked on a bold partnership to significantly grow capacity and graduates in computer science, cyber engineering, and related areas to support targeted research and development efforts in the region. The university has strong partnerships with two nearby major information and technology services companies, one of which is a *Fortune 200* company.

COES is experiencing significant growth and is undertaking an aggressive faculty

## Louisiana Tech University Highlights

- Top 10 in the nation among U.S. institutions for number of U.S. patents issued per research dollar and Top 20 in number of start-up companies formed per research dollar, according to the Association of University Technology Managers
- Tier One "National University" for six consecutive years and one of only two public Tier One institutions in Louisiana (2012-2017 *US News & World Report's Best Colleges*)
- Ranked #1 in nation among public national universities for graduating students with the least amount of debt (*US News & World Report 2016 Best Colleges*)



Computer Science Program Chair Jean Gourd, PhD, established Cyber Storm, a day-long cyber security competition, in 2010. It tests students' skills in network defense and attack strategies.

recruiting campaign. The College seeks to attract culturally and academically diverse faculty of the highest caliber. To build a diverse workforce, the college encourages applications from individuals with disabilities, minorities, veterans, and women.

More details about the college and the programs of Computer Science and Cyber Engineering are available at: <http://coes.latech.edu>. Both undergraduate and graduate degrees are offered in the disciplines.

### Requirements

Candidates must have an earned Ph.D. in Computer Science, Computer Engineering, or a closely related field. A proven research track record, outstanding teaching skills, excellent written and oral communication skills, and a demonstrated commitment to high-quality student success are expected.

Successful candidates will be expected to:

- perform exceptional research
- procure extramural funding to support research
- advise graduate and undergraduate students
- collaborate with other faculty
- teach effectively both at undergraduate and graduate levels

Areas of interest include cyber, mobile, and cloud security; critical infrastructure and systems security; cyber-physical and trustworthy systems; digital forensics,

and agile software development. Other areas will also be considered.

### Louisiana Tech University

Founded in 1894, Louisiana Tech is a selective-admissions research university that awards bachelor's, master's, and doctoral degrees. Designated as a Tier 1 national university by the 2017 *U.S. News & World Report* college rankings, Louisiana Tech is the only Tier 1 national university in the nine-member University of Louisiana System.

The university is committed to quality in teaching, research, creative activity, public service, and economic development. Its highest priority is the education and development of its students in a challenging, yet safe and supportive, community of learners.

Louisiana Tech provides a technology-rich, interdisciplinary teaching, learning, and research environment to ensure student and faculty success. The College conducts research with ongoing and recent projects funded by national agencies, such as the Department of Defense (DoD), the Department of Energy (DoE), the Department of Homeland Security (DHS), the National Institutes of Health (NIH), the National Science Foundation (NSF), and the National Aeronautics and Space Administration (NASA). Annual research expenditures of the College have averaged \$15 million over the past three years.

More than 12,400 students from 48 states and 68 countries are enrolled in programs across Louisiana Tech's five



The Lady of the Mist has been a landmark on the Ruston campus since 1938.

colleges – Applied and Natural Sciences, Business, Education, Engineering and Science, and Liberal Arts – with a student/faculty ratio of 24:1.

In addition to the 280-acre Main Campus in Ruston, Louisiana Tech has three other campuses:

- **South Campus**, which is home to the School of Agricultural Sciences and Forestry, Center for Rural Development, Equine Center, and Tech Farm
- **Enterprise Campus**, a green building project and a research facility available to technology companies and businesses, serving as a bridge for the Engineering and Business colleges in addition to the Entrepreneurship and Innovation Center
- **Barksdale Campus**, an on-base degree program at Barksdale Air Force Base in Bossier City, Louisiana

Louisiana Tech has formalized a new partnership with the Cyber Innovation Center through the creation of the Louisiana Tech Research Institute (LTRI). LTRI is a 501(c)(3) not-for-profit corporation dedicated to promoting and advancing public/private partnerships, accelerating applied research and development, and the commercialization of technology in three fields: cyber, energy, and resiliency. It aims to provide technical support for research activities, workforce development efforts, and external partnerships with industry and government.

A member of the National Collegiate Athletic Association (NCAA) Division I, Louisiana Tech's 14 athletic teams compete in the Conference USA.

## Ruston, Louisiana

Located in North Louisiana between Shreveport and Monroe, Ruston and Lincoln Parish offer a thriving college-town atmosphere, 18-block historic downtown district, and incredibly sweet peaches.

Ruston has placed an emphasis on revitalizing its historic downtown district. Through a joint effort between the city, Louisiana Main Street, and Louisiana



Department of Historic Preservation, beautification projects restored Ruston's historic downtown to the thriving center of the community. Entertainment, specialty and retail shops, and casual and fine dining restaurants attract visitors as well as residents.

Ruston has experienced steady growth due to the rapid expansion of Louisiana

Tech and Grambling State University. The city provides great opportunities for those looking for a healthy business environment, a quality education, and a great place to raise a family.

The medical hub of north central Louisiana, the area is home to the Northern Louisiana Medical Center, an acute-care, 159-bed facility.

## Applications & Nominations

Confidential inquiries are welcomed; nominations are invited.

### 1. Application packet must include:

- a) A letter of interest
- b) Detailed curriculum vitae
- c) Statement of research
- d) At least five references with full contact information (references will not be contacted without consent from applicants)

e) Your answers to the required questions at:

[www.myersmcrac.com/skins/userfiles/file/MMQuestions.pdf](http://www.myersmcrac.com/skins/userfiles/file/MMQuestions.pdf)

### 2. Submit application packet to: [LATech-Cyber@myersmcrac.com](mailto:LATech-Cyber@myersmcrac.com)

For best consideration, submit materials by **November 18, 2016**. Review of applications is underway.

**Submit nominations to [LATech-Nominate@myersmcrac.com](mailto:LATech-Nominate@myersmcrac.com).** Nominations should include full contact information of nominated individual.

**Alan G. Medders**, President of **Myers McRae Executive Search and Consulting**, is assisting Louisiana Tech University with this search.



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