

School of Science

AT A GLANCE



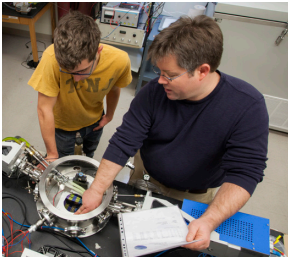
JEFFREY OSBORN
Dean, School of Science

DEAN'S MESSAGE

I often say, “*science is a verb, not a noun.*” We believe that students should have the opportunity to become deeply engaged in their field and acquire hands-on experience as early and as often as possible.

From their first semester at TCNJ, our students quickly become members of a caring academic community. Working alongside some of the best faculty members in the country on cutting-edge research projects, our students also participate in interactive seminars and colloquia and join engaging student groups—all designed to extend their learning beyond the classroom and laboratory. As a result, our students graduate not as students of science, but *as scientists*.

Thank you for ensuring the continued success of our students and our school's continued trajectory of excellence.



WHAT THIS CAMPAIGN MEANS TO US

- **ATTRACTING AND SUPPORTING** intellectually courageous students
- **MAINTAINING** our state-of-the-art facilities and instrumentation
- **PROVIDING** students with research and study abroad experiences
- **SUPPORTING** students to present their faculty-mentored research at scholarly conferences
- **STAYING** current with emerging technologies in all of our learning spaces
- **ATTRACTING AND SUPPORTING** an exceptional faculty, including those in emerging and interdisciplinary fields
- **SUPPORTING** the ongoing professional development of our exemplary teacher-scholars
- **ATTRACTING** distinguished visitors to TCNJ, such as speakers and scientists-in-residence
- **OFFERING** stimulating and accessible lectures that bring the importance, impact, and excitement of science to TCNJ and the regional community
- **EXPANDING** the use of our facilities to more broadly serve TCNJ and the regional community



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MAJORS

Biology
Biology Education
Chemistry
Chemistry Education
Computer Science
Mathematics
Mathematics Education
Physics
Physics Education
Statistics
7-year Medical Program
7-year Optometry Program

MINORS/ SPECIALIZATIONS

Actuarial Studies
Applied Mathematics
Astrophysics
Biology
Biomedical Physics
Chemistry
Condensed Matter of
Chemistry and Physics
Computational and
Mathematical Biology
Computational Physics
Computer Science
Environmental Studies
Forensic Chemistry
Geophysics
Mathematics
Physics
Quantitative Criminology
Statistics

DEPARTMENTS

Biology
Chemistry
Computer Science

Mathematics and Statistics
Physics

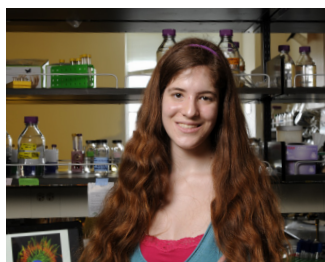
ENROLLMENT
1,003
students
981
ful time
22
part time

SELECT STUDENT GROUPS

American Medical
Student Association
Association for
Computing Machinery
Astronomy Club
Beta Beta Beta
Biological Honor Society
Biology Education Club
Council of Student
Teachers of Mathematics
Gamma Sigma Epsilon
Chemistry Honor Society
Mathematics and Statistics Club
Medlife
Minority Association
of Pre-Health Students
Pi Mu Epsilon Mathematics
Honor Society
Pre-Dental Association
Pre-Students of
Osteopathic Medicine
Pre-Veterinary Club
Society of Physics Students
Student Chemists Association
Upsilon Pi Epsilon Computer
Science Honor Society
Women in Computing and Science

STUDENT-TO-FACULTY RATIO: **11:1**

OF NOTE



Four/Four

All four TCNJ science students
nominated for Goldwater
Scholarships in 2014 won honors
in the competition.



95%

of our grads indicate they are
either working and/or attending
graduate school within the
first year after graduation.



Top Producer

The American Chemical Society
ranks TCNJ in the top 4 percent
nationally for producing
ACS-certified bachelor's degree
chemistry graduates.



THE CAMPAIGN FOR TCNJ
INNOVATE · INSPIRE · ENGAGE



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