

INSPIRING YOUNG MINDS FOR COLLEGE ACCESS AND SUCCESS IN



SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS (STEM)

# Forensic Science Initiative 2025-26 Teacher Cohort

# Topics Covered



1. **What is FSI?**
2. **Goals of the Forensic Science Initiative**
3. **Components of the Program for teachers**
4. **Components of the Program for students**
5. **Q & A**

# What is FSI?

Forensic Science Initiative (FSI)



Districts partner with  
NJIT Center for Pre-  
College Programs &  
College of Science  
and Liberal Arts

Prepare more  
students for  
success in  
STEM fields  
even beyond  
Forensic  
Science

Forensic Science  
appeals  
to students

Forensic Science  
opens *many,*  
*many* career  
pathways

**All Students  
benefit from  
targeted FSI  
PD**

# Program Goals



- Increase instructional capacity & dual enrollment opportunities through teacher PD
- Strengthen students' science preparation by developing STEM skills and experiences for high school seniors and previewing a career trajectory in a growing field
- Form a cohort of colleagues who strive for their students
- Increase the pipeline to NJIT

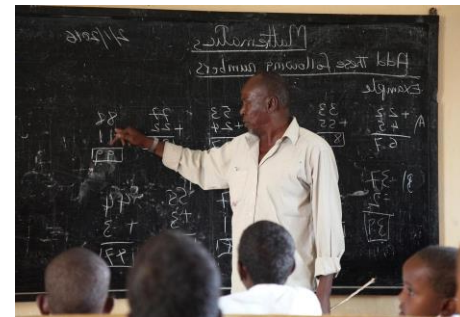
# Teacher Professional Development

- Everyone benefits when teachers grow professionally
- We prepare teachers to teach the foundation course in our BS in Forensics degree program: FRSC 201 *Introduction to Forensic Science*
- Cohort model: hands-on, active engagement
- On-campus work coupled with field research
- Stipend available



Teachers report that work with us has strengthened their teaching across all science topics

# Teacher Requirements



- MS in Forensic Science, Biology, Chemistry, or closely related field
- NJ Teaching Certification in Science
- Recommendation from HS principal/DC
- Applicant letter expressing interest in teaching forensic science
- Sample of lesson plans taught in STEM subject(s)

Consideration given to:

- AP teaching experience in a STEM subject
- Those who meet some qualifications
- Law or forensic lab/field work background

# Timeline – Teachers 2025



- Teachers complete application and are notified of selection  
<https://forms.gle/jhS22gC9eCiEveXZ6>
- 6/30, 7/1 & 2 Teachers participate in 4th annual NJ Forensic Science Education Conference on campus; returning teachers present; *registration fee waived*
- July 10, 14-17 and 21-23 8 days PD, 9-2:30, on campus and in the field
- 2025-2026 Teachers in PD 3 days Oct, Jan, Feb
- Ongoing collegial support; access to *vast* resources

# Student Summer Program



- Open to rising seniors
- Summer JumpStart includes 4 of the many facets of Forensic Science; hands-on labs; field research; on-campus experiences; activities to orient students to college; SAT/ACT prep; college app; personal statement development
- Prep for academic year dual enrollment course:  
**FRSC 201 *Introduction to Forensic Science***



# JumpStart Student Characteristics

- Motivated to learn
- Interested in STEM
- **Regular** attendance all 5 weeks
- Active participation in classes, field experiences program activities, college prep experiences



# Student Requirements

- Completion of all three with at least a C:
  - Trigonometry topics
  - Biology
  - Chemistry
- Enrollment in Pre-Calculus by senior year
- Transcript and PSAT scores
- Completion of application by qualified students
  - Recommendation from science teacher
  - Student letter expressing interest
  - Parent/guardian approval
- Preference given to dual enrollment in FRSC 201 during senior year



# Q & A

- We want to hear from you: What questions/ comments do you have?



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