NJIT Forensic Science Initiative 2023-24
Agenda for Today

1. What is FSI?
2. Goals of the Forensic Science Initiative
3. Components of the Program
4. Students
5. Teachers
6. Timeline
7. Q & A
What is FSI?
Forensic Science Initiative (FSI)

NBOE partnering with NJIT College of Science and Liberal Arts & Center for Pre-College Programs

Underwritten by COVID Recovery grant

Prepare more students for success in STEM fields

Forensic Science appeals to students

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

➢ Strengthen students’ science preparation by developing STEM skills and experiences for high school seniors

➢ Increase the pipeline to NJIT

➢ Preview for students a potential career trajectory

➢ Increase NBOE dual enrollment instructional capacity through teacher PD
Student Program

➢ Open to rising seniors

➢ Summer JumpStart includes 4 of the facets of Forensic Science; hands-on labs; field research; on-campus experience; activities to orient students to college

➢ Academic year dual enrollment course: FRSC 201 Introduction to Forensic Science

➢ College supports through the TRiO program
Student Requirements

➢ Letter expressing FS interest
➢ Completion of all three with at least a C:
   o Trigonometry
   o Biology
   o Chemistry
➢ Planned dual enrollment in FRSC 201 during senior year and Pre-Calculus for STEM majors
➢ Recommendation from science teacher
➢ Transcript and latest standardized test scores
➢ Completion of application (includes TRiO for Newark students)
➢ Parent/guardian approval
Student Characteristics

➢ Motivated to learn

➢ **Regular** attendance all 4 weeks

➢ Active participation in classes, program activities, college prep experiences
Teacher Requirements

➢ MS in Biology, Chemistry, Forensic Science 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

Consideration given to:
➢ AP teaching experience in a STEM subject
➢ Those who meet some qualifications; law background

New cohort Summer 23
Returning teachers
ALSO Summer 23
Timeline Students

- 2/23  Information / Q&A webinar
- 2/23  Nominate students who will take FRSC201 in Fall 2023
- 3/23  Students complete application
- 5/23  Students notified of selection
- 7/10/23 - 8/4/23  Students attend JumpStart
- 9/23  Students take FRSC201 @ high schools
Student Day Summer 2023

By 8:50 Be in your seat in class
9:00-11:00 Forensic science exploration/labs
11:10-noon TRiO College Prep
noon-1:00 Lunch & Recreation
1:10-2:00 Case studies in forensic science
2:10-3:00 ACT/SAT Prep 2 days / Professionalism and Special Topics 2 days

Fridays 9:00-noon Field Trips and Guest Speakers
Fridays end at noon – Last Friday celebration
Timeline - Teachers

➢ 2/23  Information / Q&A webinar
➢ 3/23  Teachers complete application
➢ 4/23  Teachers notified of selection
➢ 6/26, 27, 28/23  Teachers* attend hands-on workshops on campus return in July for 8 days PD
➢ 9/23-6/24  Teachers in PD 2 days TBD
➢ 9/24 and beyond  Options teachers continued supports
Q & A

➢ We want to hear from you: What questions/comments do you have?
Contact Us

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