

Livingston High School Science Research Program 2020-21 Application Cycle

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Unique Approach of the Science Research Program

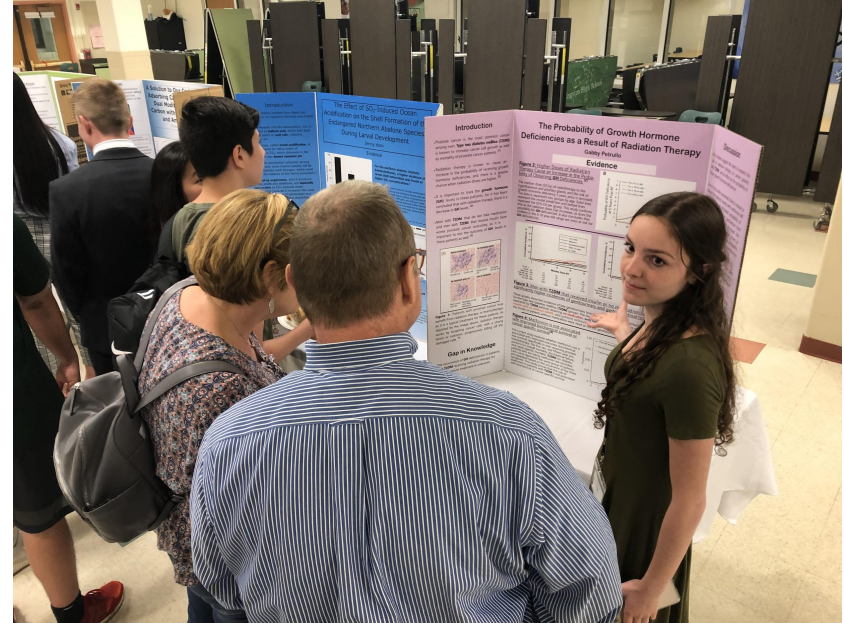
- 3-year, cohort-based program
- Cross-level, mutually supportive collaboration
- Professional mentorship opportunities
- Deep dive into topics of personal interest
- Individualized learning pathways

Science Research Program Course Sequence

- **10th Grade (SR1):** Introduction to Research Methods Honors
- **11th Grade (SR2):** Intermediate Research Methods Honors
- **12th Grade (SR3):** Advanced Research Methods (AP weighting)
- Not lab courses (must complete 2 lab sciences concurrently)

Introduction to Research Methods Honors

- Basic research design
- Reading and interpreting scientific literature
- Introduction to scientific writing and oral presentations
- Introduction to statistics
- Refining personal interests
- Professional communication



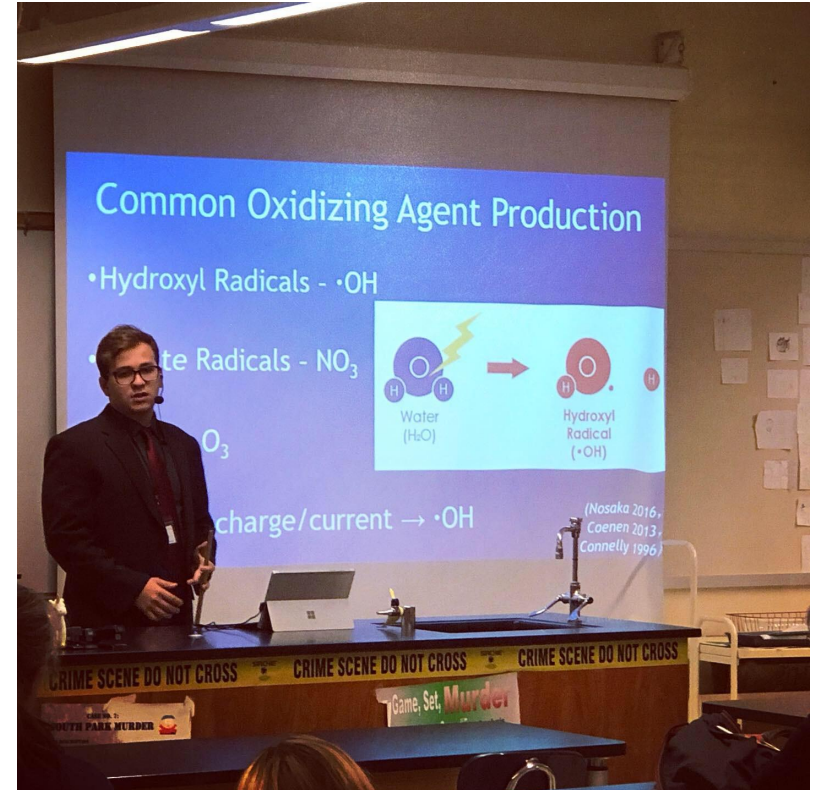
Intermediate Research Methods Honors



- Increased focus on own research area of interest; securing mentorship
- Deep dive into literature
- Development of writing and presentation skills
- Design and execution of research project
- Grant writing
- Ethical considerations in research

Advanced Research Methods

- AP-weighted
- Advanced writing and presentation skills
- Entering competitions
- Composition of final research results and report
- Oral presentation and defense



How to apply

- The application period is OPEN!
 - Use the link on the left toolbar of the Science Department page of the Livingston High School website.
- Applications are due in hard copy by 12:00 PM on February 3 to Mrs. Kaspriskie's mailbox or her office (S22A).
- Have fun with the application (but answer the questions!)

Questions?