

# Interdisciplinary Science and Research Program at Hillsboro High School



IT'S ABOUT WHAT YOU LEARN... AND WHY IT MATTERS!

The Interdisciplinary Science and Research (ISR) Program is a four year inquiry-driven pathway in the Academy of Global Health and Science at Hillsboro High School in direct partnership with the Center for Science Outreach at Vanderbilt University.

Students are co-taught by a former Vanderbilt PhD scientist and a current Vanderbilt postdoctoral scientist who are devoted to training students to think critically and apply knowledge and skills to solve real-world problems.

Students who complete the program are eligible for transferrable college credit through Tennessee Tech University.

Project-Based Learning (PBL) strategies are at the core of the program, so the students will learn to work collaboratively and ultimately possess strong communication skills.

Students have access to Vanderbilt digital libraries where they can keep up to date on the latest scientific discoveries.

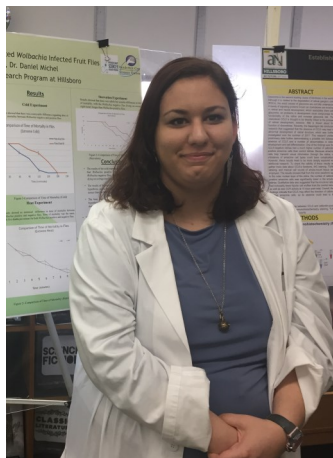
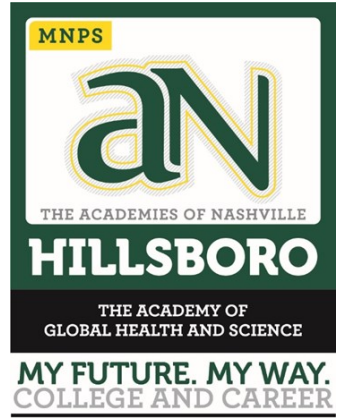
A dual-pathway option is available where students can be enrolled in both the ISR program and the International Baccalaureate Diploma Program (IBDP) or Career Program (IBCP).

Students who have been successful in the program share the following qualities:

- Have a passion for science
- Possess a strong work ethic
- Are capable of positively handling constructive criticism
- Demonstrate superior time management
- Strive to improve every day through a growth mindset

## For More Information About The ISR Program

<http://wearehillsboro.com/isr/>



School of Environmental Studies  
College of Interdisciplinary Studies

TENNESSEE TECH



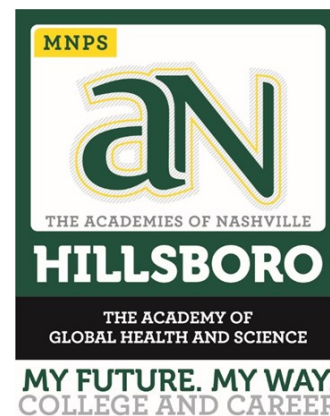
# Why Should You Consider The ISR Program?



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## Selected ISR Student Honors and Accolades:

- 28.0 ACT 3-Year Composite Average (Comparable to Hume-Fogg and MLK Magnet High Schools)
- 40 ISR Students Since 2014 Have Been Selected for 6-Week Summer Research Internships Through the Research Experience for High School Students (REHSS) Program at Vanderbilt University
- 2017 Tennessee Junior Academy of Humanities and Sciences Symposium Winner and 2018 Poster Symposium Winner
- 2016 Siemens Foundation Competition in Math, Science & Technology Semi-Finalist
- 2015 and 2017 National Merit Scholars and 2016 National Merit Semi-Finalist
- 2014 and 2019 Hillsboro High School Valedictorian and Salutatorian
- Selected College/Universities that ISR Students are Currently Attending:
  - Purdue University—Full Ride Scholarship
  - Belmont University—Full Ride Scholarship
  - University of Colorado at Boulder—Full Ride Scholarship
  - Centre College—Full Ride Scholarship
  - Tennessee State University—Full Ride Scholarship
  - Vanderbilt University
  - Dartmouth College
  - George Washington University
  - University of California at Los Angeles
  - University of Chicago
  - University of Virginia
  - Columbia University



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