

Symposium to showcase yearlong independent research by BCPS high school students

What: The seventh annual Student Independent Research Symposium will showcase the results of independent research conducted by students at ten BCPS high schools. At this public event, students will share their research projects in formal oral/multimedia presentations or TED-style talks. Students, parents, and staff interested in supporting these students and learning more about the Independent Research Seminar course are invited. High school administrators, counselors, school-to-career transition teachers, and library media specialists are encouraged to attend. Light refreshments will be served.

When: Monday, May 20, 2019, from 6 – 8 p.m.

Where: Dundalk High School Library
1901 Delvale Avenue
Baltimore, MD 21222

Background: Twenty-four students from Catonsville, Dundalk, Franklin, Hereford, New Town, Owings Mills, Parkville, Perry Hall, Randallstown, and Western School of Technology high schools were selected to participate in the Independent Research Seminar elective course this year, based on their commitment to following an advanced research process to conduct in-depth original research. Student researchers have worked collaboratively and independently under the guidance of their library media specialists, faculty advisors, and expert mentors, using the process and resources provided in a [Research Framework](#) to generate a research question; conduct a literature review; engage in discipline-specific research; and synthesize their findings to create a presentation for an audience. Research topics address a variety of subjects and are based on the students' own areas of interest.

2019 Independent Research Seminar students and their research topics:

Talha Ahmed – Senior, Catonsville High School
Teenage Depression: Is it “just a phase” or should we seek help?

Chabi Baskota – Senior, Catonsville High School
A Study of Procrastination and How to Overcome It

Madison Borkowski – Junior, Parkville High School
Decreasing Insulin Resistance in Women with Polycystic Ovarian Syndrome (PCOS)

Kylie Buchta – Junior, Parkville High School
Mental Health in American High Schools

Briana DeMarcy – Junior, Franklin High School
The Future is Neurodiverse

Aanchal Deol – Senior, Owings Mills High School
Identification of Bacterial Presence to Facilitate Effective Sterilization Practices

Emma Evans-Nolet – Junior, Parkville High School
Applying Clean Energy to a Developing Country

Namra Fiaz – Junior, Randallstown High School
Plugged-in and Over-charged: Teens and Technology Addiction

Kalei Files – Senior, Dundalk High School

Improving the Quality of Life in Patients with Schizophrenia

Alyssa Hecht – Senior, Perry Hall High School

The Psychology of Recycling: Subtle Characteristics that Influence Recycling Behaviors

Edward Michael Jakubowski – Junior, Parkville High School

The Effects of Chronic Pain and its Solutions

Kiara Jones – Junior, Parkville High School

Mental Health in African Americans

Abigail Klink – Senior, Hereford High School

Oleophilic Bacteria: The Microscopic Environmentalists of Tomorrow

Haley Mabe – Senior, Hereford High School

What are the consequences when parents choose to not vaccinate their children?

Francisco Olivares – Senior, Parkville High School

What are the effects of Christianity on western society?

Ravdeep Panesar – Senior, Catonsville High School

Hidden Flaws in Legendary People

Isaiah Patterson – Junior, Randallstown High School

The Hidden Competitor: Mental Illness in Sports

Rayshaun Pettit – Senior, Western School of Technology

The Impact of Air Pollution on Current and Future Generations

Kelly Rice – Senior, Franklin High School

It's All in the Family: Socioeconomics and Academic Success

Kristen Smith – Senior, Western School of Technology

Can the way we eat affect the health of humans and our environment?

Eryka Emilien N. Tchuosi – Senior, New Town High School

Does the current U.S. education system help or hurt society?

Anisah Weaver – Junior, Western School of Technology

How have institutionalized racism and sexism affected job opportunities and pay for African American women in today's work force?

Jonah Wheeler – Senior, Parkville High School

The Danger of Political Polarization in American Society

Corinne Zibell – Senior, Hereford High School

Why are captive breeding programs necessary for the conservation of animal species?