

Senior Science Research Presentations

Library Conference Room and Research Lab

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Giuseppe Bartellino: High School Students' Awareness of Diabetes

Abigail Mallia: Sound Aid: Using Python to Discriminate Between Music and Speech

Stutee Oke: An Analysis of Operational Performance

Alexa Ruiz-Diaz & Michaela Habibulla: How Effective is Colloidal Silver as a Treatment for Various Pathogenic Groups?

Daniella Rupert-Gopalsami: A Comparison of Ginger vs. Neosporin in Treating E.coli Bacteria

Mariana Sgantzios: Alternative Methods to Infertility

Stefan Spina: Is the Increasing Detection of Gravitational Waves a Result of Technological Improvements or Natural Causes?

Presentation Details

Library Research Lab:

2:45 Giuseppe Bartellino
3:15 Abigail Mallia
3:45 Stutee Oke
4:15 Alexa Ruiz-Diaz & Michaela Habibulla

Library Conference Room:

3:00 Daniella Rupert-Gopalsami
3:30 Mariana Sgantzios
4:00 Stefan Spina

SPECIAL RECOGNITION:

Stutee Oke won 3rd Place in Mathematics at the NYC TERRA Competition. Congratulations!



ARCHBISHOP MOLLOY HIGH SCHOOL
PRESENTS THE

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2023 SCIENCE RESEARCH SYMPOSIUM

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MAY 15, 2023
William J. Murphy Library

www.molloyhs.org
83-53 Manton Street
Briarwood, NY 11435

Sophomore Presentations: Article Reviews

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Mackenzie Clarke: Pulmonary Pathology and Covid-19: Lessons from Autopsy. The Experience of European Pulmonary Pathologists

Sanjay Ernest: Body Mass Index and Body Composition in Relation to 14 Cardiovascular Conditions in the UK Biobank: A Mendelian Randomization Study

Gisele Habibulla: Exploring the Effect of Red and Blue on Cognitive Task Performances

Niyat Issak: Artificial Sweeteners and Risk of Cardiovascular Diseases: Results from the Prospective NutriNet-Sante Cohort

Joshua Jarrett: Fast-food and Commercial Baked Goods Consumption and the Risk of Depression

Sal Lamendola: Neuroscientific Evidence Supports that Chess Improves Academic Performance in School

Michalis Latoussakis: Life Cycle Assessment of Electric Vehicles and Hydrogen Fuel Cell Vehicles Using the GREET Model – A Comparative Study

Shiloh Lin: The Influence of Organic Solvents on the Mechanical Properties of Alkyd and Oil Paint

Jacqueline Messer: Do Sideline Concussion Assessments Predict Subsequent Neurocognitive Impairment after Sport-related Concussion?

Emma O'Neill: Bioethics: A Look at Animal Testing in Medicine and Cosmetics in the UK

Henry Santorsola: Fast Food Consumption and Increased Caloric Intake: A Systematic Review of a Trajectory Towards Weight Gain and Obesity Risk

Logan Shim: A Magnetic Compass Aids Monarch Butterfly Migration

Gia Shinas: DNA Fingerprinting in Forensics: Past, Present, Future

Noah Spencer: Bodybuilding, Dietary Supplements and Hormone Use: Behavior and Determinant Analysis in Young Bodybuilders

Junior Presentations : Science Research Plans

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Bea Armand: The Neurogenetics of a Serial Killer: Is Genetic Engineering a Cure?

Ariana Ashby: A Comparison of the Anti-fungal Activity of Chamomile and Echinacea as Essential Oils

Lea Chen: Service Dogs to the Rescue: A Canine Computer Device That Saves Lives

Eileen Cho: The Effect of Telomere Elongation in Telomerase - Positive Pluripotent Stem Cells Used in Regenerative Technology

Cait Dorry: What Factors of a Plant Do Honeybees Prioritize During Pollination?

Katarina Jewell: Do the Algorithms of Popular Social Media Platforms Politically Radicalize Users?

Emily Kitson: The Effect of Service Animals on Patients in Medical Facilities

Andreas Lecomplex: How Much Renewable Energy Does the General Population Use?

Chris Mavridis: Determining Optimal Crossover Windows That Best Generate Buy and Sell Signals

Giovanna Mavridis: Ongoing Development in Social Cognition and Social Relations in Pre-adolescence

Carly Meier: How Does Recreation Affect the Quality of Life in Nursing Home Residents?

Veronica Nerone: Why Do We Find Certain Songs Emotional?

Luke O'Reilly: Do the Types of Music and Listening Habits of Young Adults Affect Their Hearing?

Sebastian Ortiz: What Factors Affect Test Grades?

Brianna Robinson: How Does the Age of Sugar Cubes Affect the Rate of Dissolution?

Valerie Savage: A Comparison of the Damage Suppressor Proteins in Tardigrades and Humans

Ashmit Shivrattan: Reactions of Healthy Heart Cells and Diseased Heart Cells to Advil and Tylenol

Caitlin Trinh: Toxic Waste: What Is It and What Effect Does It Have on Humans and the Environment?