**Results of the
2nd U.S. Physics Olympiad for Middle-School Students**

Recently, a number of schools nationwide received the exciting news that their students and coaches were among a highly select group of winners of the 2nd U.S. Physics Middle-School Olympiad.

The Physics Olympiad, which was held on March 31, 2022, attracted 1,368 participants from nearly every state. The event comprised two sessions that challenged students to answer questions and solve problems based on current, U.S. physical-science curricula. Olympiad results are shared widely via a variety of media.

Four students shared the First-Place Award for correctly solving all or most of the competition problems:

Kevin Gu, Lincoln Middle School, Pullman, WA
Noah Lowry, Alabama School of Fine Arts, Birmingham, AL
Ke Xu, The Bement School, Deerfield, MA
Jason Yin, Paul J. Gelinas Junior High School, East Setauket, NY

Their work was notable for some non-standard solutions that showed enormous creativity. In addition, the Olympiad Evaluation Committee issued 15 Second-Place Awards and 40 Third-Place Awards to top competitors. These stellar students, their coaches, and schools are listed below.

The Olympiad Committee not only made awards to 59 outstanding middle-school participants, it made a point of acknowledging every student who rose to the challenge of participating in this national, academic competition – especially since it is in a field that many students find daunting. The Committee noted that participation in the competition was an important academic milestone that provided students with positive momentum for further study of physics, math, and other sciences. Its members also stressed their commitment to continue providing Olympiad opportunities for students.

The primary goal in holding the Olympiad was to assess the degree to which America's middle-school students are competitive with their European and Asian counterparts when it comes to understanding and applying physics concepts. The Olympiad Committee also saw enormous value in creating a collaborative network of education leaders and their teachers. "We want to keep this positive momentum going and growing, working with schools, teachers and students nationwide," said Dr. Anatoliy Glushchenko, Committee Chair and Professor of Physics at the University of Colorado. "For example, we hope to form a national advisory team focused on proposing updated academic standards for middle- and junior-high school physics education. These updates will help ensure that our middle- and junior-high school students receive physics instruction that meets or exceeds international standards; are prepared for highly successful futures; and that our nation is competitive globally in K-12 science education."
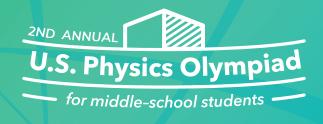
In summary, the 2nd U.S. Physics Olympiad for Middle-School Students was a resounding success. The Olympiad Committee is grateful for your support of this nation-wide initiative. Most of all, we hope that you will continue to share our passion for world-class science education and that, going forward, you will be a part of this rapidly growing physics movement.

Sincerely,
Dr. Anatoliy V. Glushchenko
Olympiad Chair, Professor of Physics, University of Colorado

Dr. Vassili Sergan
Evaluation Committee Chair, Professor of Physics, University of California at Sacramento
Dr. Olena Zribi, Organizing Committee Chair, Research Associate (former), Bio-Physics

University of Colorado
Dr. Yuri Garbovskiy
Program Committee Chair, Professor of Physics, Central Connecticut State University

WINNERS
of the 2nd U.S. Middle-School Physics Olympiad

FIRST PLACE

Kevin Gu
Lincoln Middle School, Pullman, WA
Coach: Yi Gu

Noah Lowry
Alabama School of Fine Arts, Birmingham, AL
Coach: Walter Uhoya

Ke Xu
The Bement School, Deerfield, MA
Coach: Jeffrey Pilgrim

Jason Yin
Paul J. Gelinas Junior High School, East Setauket, NY
Coaches: Peter Schuchman and Lori Conrad

SECOND PLACE

Clark Baty, Alabama School of Fine Arts
Coach: Walter Uhoya

Daniel Chin-Ambrose, NSU University School
Coach: Jessica Lanzetta

Leo Decock, Hoboken Middle School
Coach: Dr. Robin Baskinger

Miles Ellman, NSU University School
Coach: Jessica Lanzetta

Danielle George, Alabama School of Fine Arts
Coach: Walter Uhoya

Axel Hultstrom, Hoboken Middle School
Coach: Dr. Robin Baskinger

Adrian Jiansky, Hoboken Middle School
Coach: Dr. Robin Baskinger

Alejandro Leahy, Lake Bluff Middle School
Coach: Susanna Cuarto

David Liebowitz, NSU University School
Coach: Jessica Lanzetta

Michael Oliverio, NSU University School
Coach: Jessica Lanzetta

David Palatnik, NSU University School
Coach: Jessica Lanzetta

Richard Parker, Daniell Middle School

Coach: Richard White

Gael Schneider, NSU University School
Coach: Jessica Lanzetta

Obinna Uchime, Daniell Middle School
Coach: Richard White

Sebian Vasquez, Sara M. Gilmore Academy
Coach: Lisamarie Tusa

THIRD PLACE

Raza Akbar, Daniell Middle School
Coach: Richard White

Joshua Akinde, Newman International Academy of Mansfield East
Coach: Lauren Keene

Nina Anderson, NSU University School
Coach: Jessica Lanzetta

Tarek Benzerrouk, World Academy School
Coach: Nahla El Falaky

Elizabeth Bright, Hoboken Middle School
Coach: Dr. Robin Baskinger

Jack Briscoe, Hannibal Middle School
Coach: Kailea Drennan

Sarah Burns, Hoboken Middle School
Coach: Dr. Robin Baskinger

Rafael Callamari, Hoboken Middle School
Coach: Dr. Robin Baskinger

Annabelle Ceballos, Sara M. Gilmore Academy
Coach: Lisamarie Tusa

Brooklyn Chenier, Newman International Academy of Mansfield East
Coach: Lauren Keene

Megan Chu, World Academy School
Coach: Nahla El Falaky

Lucas Daly, Hoboken Middle School
Coach: Dr. Robin Baskinger

Sam Decker, Hoboken Middle School
Coach: Dr. Robin Baskinger

Andrew Ebenezer, Newman International Academy of Arlington
Coach: Carissima Freeman

Aarsheya Gunjal, Daniell Middle School
Coach: Richard White

Alex Haight, World Academy School
Coach: Nahla El Falaky

Nicole Janoff, NSU University School
Coach: Jessica Lanzetta

Dylan Jiang, World Academy School
Coach: Nahla El Falaky

Rashad Kaiyal, NSU University School
Coach: Jessica Lanzetta

Ethan Karim, Sara M. Gilmore Academy
Coach: Lisamarie Tusa

Alexander Koulouthros, Hoboken Middle School
Coach: Dr. Robin Baskinger

Allyson Liu, Daniell Middle School
Coach: Richard White

Eric Liu, Paul J. Gelinas Junior High School, East Setauket, NY
Coaches: Peter Schuchman and Lori Conrad

Carolyn Mahoney, Lake Bluff Middle School
Coach: Susanna Cuarto

Emma Marroquin, M.B. Lamar Middle School
Coach: Abel Garcia

Nathan McGar, Daniell Middle School
Coach: Richard White

Nina Morozova, NSU University School
Coach: Jessica Lanzetta

THIRD PLACE (cont.)

Jonathan Offer, Hoboken Middle School
Coach: Dr. Robin Baskinger

David Ojomo, Daniell Middle School
Coach: Richard White

Sebastian Page,
Newman International Academy of Arlington
Coach: Carissima Freeman

Arya Patel, Daniell Middle School
Coach: Richard White

Abigail Potter, NSU University School
Coach: Jessica Lanzetta

Jillian Quimbar, M.B. Lamar Middle School
Coach: Abel Garcia

Nihaal Ram, Daniell Middle School
Coach: Richard White

Victoria Rybalka, NSU University School
Coach: Jessica Lanzetta

Patrick Samaniego, Sara M. Gilmore Academy
Coach: Lisamarie Tusa

Raine Sayaan, Hoboken Middle School
Coach: Dr. Robin Baskinger

Ethan Scharf, NSU University School
Coach: Jessica Lanzetta

Zachary Shaw Bellofatto, Hoboken Middle School
Coach: Dr. Robin Baskinger

Aanya Shetty, World Academy School
Coach: Nahla El Falaky

Ethan Sikernitsky, Hoboken Middle School
Coach: Dr. Robin Baskinger

Raven Wallace-Ross, NSU University School
Coach: Jessica Lanzetta