

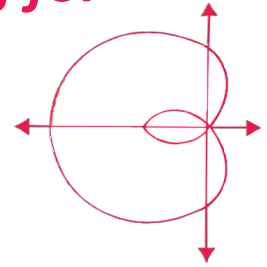
Institute of Creative Problem Solving for Gifted and Talented Students

2024-2025 Academic Year

Online Application Available: January 2, 2024

Application Deadline: April 10, 2024

Entrance Exam: April 13, 2024



The State University of New York at Old Westbury continues the Institute of Creative Problem Solving for Gifted and Talented Students for the 2024-2025 academic year. The Institute will present 20 workshop sessions designed to engage gifted students, grades 5 – 10, in creative problem solving activities in mathematics and science. Classes meet at SUNY Old Westbury during the school year on Saturday mornings from 9:00 – 11:30 AM. This year all sessions are expected to be in-person.

We invite you to distribute our information and to recommend gifted and talented students who are currently in grades 4 – 9.

DESCRIPTION OF PROGRAM

Learning to solve problems is the underlying reason for studying mathematics. It is the principle mathematical skill that requires development in students. The National Council of Supervisors of Mathematics placed problem solving at the head of its list of ten basic skills of mathematics. The National Council of Teachers of Mathematics stated in its publication, *An Agenda for Action*, that problem solving must be the focus of mathematics.

Accordingly, the Institute of Creative Problem Solving for Gifted and Talented Students was established to improve the problem-solving skills of a select group of high-ability students from Long Island. It will provide instruction on 20 Saturdays from 9:00 AM to 11:30 AM during the 2024-2025 academic year.

Participants will:

- Study topics not usually covered in the standard curricula
- Develop an ability to devise problem solving strategies and approaches
- Become acquainted with important mathematical ideas
- Extend mathematical skills
- Sharpen mathematical intuition

Since the primary focus of the Institute will be on mathematics, the activities will involve advanced math instruction, motivational lectures, exposure to hands-on research-oriented activities, career-planning, and meaningful interactions between the participants and the Institute staff.

The Institute recognizes the importance of influencing students to select careers in mathematically dependent fields.

The Institute is supported by the following local and regional organizations:

Nassau County Mathematics Teachers Association (**NCMTA**)

Nassau County Interscholastic Mathematics League (**NCIML**)

Nassau County Association of Mathematics Supervisors (**NCAMS**)

National Museum of Mathematics (**MoMath**)

Math Olympiads for Elementary and Middle Schools (**MOEMS**)

The Institute will select gifted and talented students who reside on Long Island to participate in each of its three sections. Approximately 90 students who are accepted into the Institute will be officially designated a “Long Island Young Scholar of Mathematics” and will be awarded a certificate of accomplishment upon successful completion of the program.

HOW TO NOMINATE AND APPLY

We invite recipients of this information to share copies of this brochure with students. The brochure is also available at our website: <http://institutecreativeproblemsolving.org>

Recommended students, who are currently in grades 4 through 9, will be considered for possible selection as Institute participants. Each student interested in applying for entry into the Institute must use the online Eventbrite form.

The online application will be available on 1/2/24 at
<https://www.eventbrite.com/e/icps-entrance-exam-application-2024-tickets-773215788237?aff=oddtcreator>.

EXAM INFORMATION

The applications and payments are only available online through Eventbrite.

There are three ticket types:

1) Standard application fee of \$50. Select the appropriate grade level ticket:

Students currently in grade 4 or grade 5 should purchase the "ICPS 5/6 Ticket"

Students currently in grade 6 or grade 7 should purchase the "ICPS 7/8 Ticket"

Students currently in grade 8 or grade 9 should purchase the "ICPS 9/10 Ticket"

2) "ICPS Financial Aid Ticket" - no fee required.

3) "My School is Paying" Ticket - requires purchase order (PO) and payment from the school/district.

(The application fee is not refundable)

The application requires you to enter the name and email address of a teacher willing to write a recommendation and your most recent report card grade in mathematics. (Please DO NOT send us the teacher recommendation or your report card. These may be requested after the exam.)

Once you have completed the online payment and application form you will receive a ticket in the inbox of the email address used to fill in the application. If you do not receive an email within a few minutes of completing the form, check your spam folder. If it is not found there, contact kalisha@oldwestbury.edu.

The online application will be available on 1/2/24
<https://www.eventbrite.com/e/icps-entrance-exam-application-2024-tickets-773215788237?aff=oddtcreator>.

ENTRANCE EXAMINATION

Please note that all nominees must take the entrance examination:

Date: Saturday, April 13, 2024

Starting Times for the Exam:

Current grade 4 or 5 taking the 5/6 exam 10:00 AM - 12:00 PM

Current grade 6 or 7 taking the 7/8 exam 2:00 PM - 4:00 PM

Current grade 8 or 9 taking the 9/10 exam 2:00 PM - 4:00 PM

Please arrive at least 30 minutes prior to the start of your exam. Bring your Eventbrite confirmation ticket.

The exam will take 90 minutes. The additional 30 minutes are used to distribute and collect the exams and to read the instructions to the students. Parents are asked to remain on campus for an orientation with the program director.

All applicants will be notified of their status (accepted or not accepted) by June 14, 2024.

Please **DO NOT CALL** the office for results. Exam scores will not be made available at any time.

HISTORY OF THE PROGRAM

Dr. Jong Pil Lee, Distinguished Service Professor at SUNY Old Westbury, founded the Institute of Creative Problem Solving for Gifted and Talented Students in 1992. Dr. Lee served as Director until his death on December 12, 2011. Mr. Arthur L. Kalish took over as director in 2012.

In addition to the children's classes, workshops will be provided for parents. These are designed to acquaint parents with techniques for working with their gifted children.

FACULTY AND STAFF

Director: Arthur L. Kalish Academic Affairs, SUNY at Old Westbury

Program Assistant: Mimi Schnier, Research Foundation for SUNY

Advisory Board

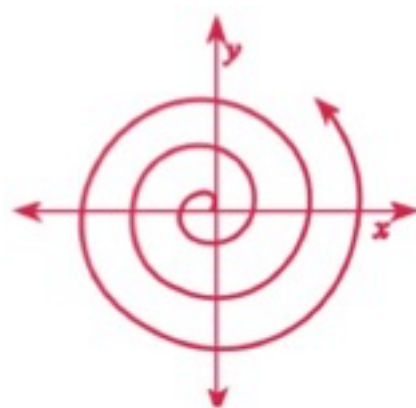
Elliott Bird	Ron Lancaster	Aruneesh Salhotra
Scott Bronson	Cindy Lawrence	Frank Sanacory
Ronni David	Karen Lee	Geta Techanie
Smriti Kapur	Rajeev Nischal	Glen Whitney
Ron Labrocca		

Coordinators and Instructors

Peter G. Hayes	– Grade 9/10 Coordinator
Cheryl Novick	– Grade 7/8 Coordinator
Nicole Wong	– Grade 5/6 Coordinator
Leon LaSpina	– Robotics Program Coordinator
Robert Gerver	– Research Program Coordinator
Leon LaSpina	– AMC Prep Class

Instructors-Mathematical/Science

Michael Andrejkovics	Leon LaSpina
Elliott Bird	Soowook Lee
Andrew Bulawa	Mark McBurnie III
Christopher Cetin	Kevin McNally
Chi-Yao Chen	Kevin Meyers
Matthew DeMarinis	Jason Mutford
Richard Doino	Cheryl Novick
Robert Gerver	Christine Owens
Dan Goldbeck	Anurag Purwar
Steven Goldman	Frank Sanacory
Peter Hayes	Tom Weisswange
Matt Kelly	Zach Wissner-Gross
Bernadette Lally	Nicole Wong



**SPIRAL ONWARD AND UPWARD
TO A SUCCESSFUL FUTURE**

Parents and teachers can download this brochure from our website:

<http://institutecreativeproblemsolving.org>

COVID-19 PROTOCOLS

Be aware that we will be following protocols that have been created for the safety of all the students and faculty who participate in the entrance exam for the ICPS program. Currently, there are no special requirements by the University. If the University decides that we are unable to hold the exam in-person, the exam will be distributed via the internet. You will be notified via email if this should occur. Please make sure that your email address is entered correctly when you register. This is our primary method of correspondence.

DIRECTIONS

SUNY Old Westbury is located immediately North of the Long Island Expressway in the Village of Old Westbury, N.Y. **Please use the main entrance to the University, Gate A**, located on the west side of Route 107 approximately one mile north of Jericho Turnpike (Route 25). On weekends and late evenings, Gates B & C (Long Island Expressway service road) will be closed.

When using GPS, use the following address:

St Paul's Preschool, 2534 Cedar Swamp Road, Brookville, NY 11545. Please note this is not the University's address. It is the address to a preschool that is located across the street from the campus's main entrance on RT 107, the University is located on the West side of RT 107.

From the Long Island Expressway (Route 495), East or West:

Travel to exit 41 North, Route 106/107. Proceed north for 1½ miles to the main campus entrance, Gate A, which is located on the West side of Route 107, past Route 25.

From the Northern State Parkway East or West: Travel to exit 35 North, Route 106/107. Proceed north for 1½ miles to the main campus entrance. The main entrance, to the University, Gate A, is located on the west side of Route 107, past Route 25.

For maps and more information visit the website

<https://www.oldwestbury.edu/why-old-westbury/visit-old-westbury>



Dr. Timothy E. Sams, President