

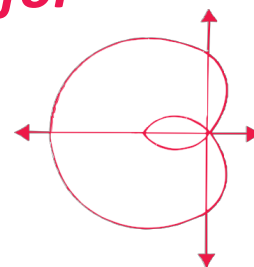
Institute of Creative Problem Solving for Gifted and Talented Students

2025-2026 Academic Year

Online Application Available: March 2, 2025

Application Deadline: April 2, 2025

Entrance Exam: April 5, 2025



The Institute of Creative Problem Solving (ICPS) is moving to Stony Brook University for the 2025-2026 academic year and will be newly titled as the **Institute of Creative Problem Solving at Stony Brook**. The program is designed for gifted and talented students. The Institute will continue to hold 20 sessions designed to engage students in grades 5-10 in creative problem-solving activities in mathematics and science. Classes will meet at Stony Brook University (SBU) on Saturday mornings from 9:00 – 11:30 AM from September through March. All sessions are in-person classes.

We invite you to distribute our information and to recommend gifted and talented students who are currently in grades 4 – 9. **The program is free for all participants.**

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 ICPS program was established to improve the problem-solving skills of a select group of high-ability students from Long Island. Since then, the program has grown to include classes in Robotics Engineering, Research & Technology, and AMC Preparation.

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**)

Association of Math Supervisors of Long Island (**AMSLI**)

National Museum of Mathematics (**MoMath**)

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

The Institute will select students who reside on Long Island to participate in each of its three sections. Approximately 90 students who are accepted into the Institute each will be officially designated as a “Long Island Young Scholar of Mathematics” and will be awarded a certificate of completion 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. **Classes begin on September 6, 2025.**

The online application is now available at

<https://www.eventbrite.com/e/icps-entrance-exam-application-2025-tickets-1225583546379?aff=oddtcreator>

EXAM INFORMATION

Applications and payments are only available online through Eventbrite.

There are three ticket types:

1) Standard application fee of \$65. Please 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 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 is now available at:

<https://www.eventbrite.com/e/icps-entrance-exam-application-2025-tickets-1225583546379?aff=oddtcreator>

ENTRANCE EXAMINATION

All nominees must take the entrance examination which will take place at SUNY Old Westbury

Date: Saturday, April 5, 2025

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, 2025.

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

Advisory Board

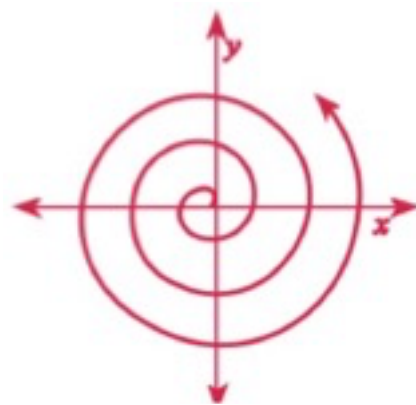
Elliott Bird	Ron Lancaster	Aruneesh Salhotra
Scott Bronson	Cindy Lawrence	Frank Sanacory
Ronni David	Karen Lee	Geta Techanie
Smriti Kapur	Rajeev Nischal	Glen Whitney
Ron Labrocca		

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>

NEW LOCATION

Although the Institute of Creative Problem Solving will be relocated, the quality of instruction and the expertise of our exceptionally talented faculty remain unchanged. Given that **Stony Brook University** has been designated as the flagship State University of New York and ranked #1 in the state by *U.S. News & World Report*, it is a fitting venue for our esteemed programs. All of our classes will take place on the SBU main campus in Stony Brook NY. This includes the additional classes listed below.

ADDITIONAL PROGRAMS

Upon successful completion of the ICPS program, students will be invited to attend additional classes:

- For students entering grade 8 or 9, we offer a **Robotics Engineering** class.
- For students entering grades 10 or 11 we offer a **Research and Technology** class.
- For students wishing to improve their AMC scores we offer **AMC Preparatory** classes.
- For students who want to continue improving their problem solving skills, but who are unable to participate in any of the other classes, there is a program at **Brookhaven National Laboratories** (BNL) for graduates of ICPS.

DIRECTIONS

Stony Brook University is situated on a 1,039 acre site on the north shore of Long Island in southeastern New York. It is approximately 60 miles east of New York City.

By Car

From Nassau County, take the Long Island Expressway (LIE, I-495) eastbound to exit 62, and follow Nicolls Road (Route 97) north for 9 miles. The main entrance to the University is on the left. **To find the campus via GPS**, enter the address "100 Nicolls Road, Stony Brook, NY 11790."

By Train

Take the Long Island Railroad's Port Jefferson line. The LIRR station is at the north end of the campus; bus service to the central campus is provided. Find schedule and fare information [here](#).

For maps and more information visit the website

<https://www.stonybrook.edu/about/maps-and-directions/>



Stony Brook University