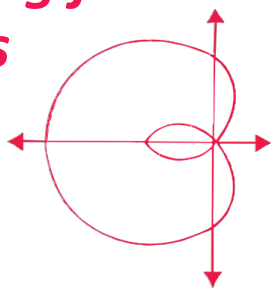
Institute of Creative Problem Solving for Gifted and Talented Students



2022-2023 Academic Year

Application Deadline: April 1, 2022

Entrance Exam: April 9, 2022

The State University of New York College at Old Westbury continues the Institute of Creative Problem Solving for Gifted and Talented Students for the 2022-2023 academic year. The Institute will present 20 workshop sessions designed to engage gifted students, grades 5–10, in creative problem solving in mathematics and science. Classes meet at SUNY Old Westbury during the school year on Saturday mornings from 9:15 – 11:45 AM. This year all sessions may be virtual.

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 under-lying reason for studying mathematics. It is the principle mathematical skill that needs 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 selected group of high-ability students from Long Island. It will provide training sessions on 20 Saturdays from 9:15AM to 11:45AM during the 2022-2023 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 inter-actions 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**)

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

MoMath (the National Museum of Mathematics)

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 the three sections. Approximately 87 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 on-line form.

The application will be available on 1/3/22 at
https://www.eventbrite.com/e/icps-application-2022-tickets-215072215787

EXAM INFORMATION

The applications and payments are only available on-line through Eventbrite.

There are three ticket options:

1) **An application fee of $50.**
   Select the appropriate grade level ticket (Grade 5/6, Grade 7/8, Grade 9/10)
2) **A ticket for financial aid**
3) **A ticket indicating that "My School is Paying"**

(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 application will be available on 1/3/22

https://www.eventbrite.com/e/icps-application-2022-tickets-215072215787

ENTRANCE EXAMINATION

Please note that all nominees must take the entrance examination:

Date: Saturday, April 9, 2022

Times: (Current grades)

Grades 4 & 5	10:00 AM	- 12:00 PM
Grades 6 & 7	2:00 PM	- 4:00 PM
Grades 8 & 9	2:00 PM	- 4:00 PM

Please arrive 30 minutes before the start of your exam with your 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.

All applicants will be notified of their status (accepted or not accepted) by June 15, 2022. 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 College at 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 12/12/2011. 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

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

Advisory Board

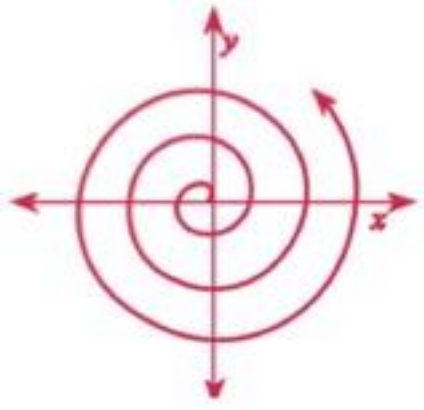
Elliott Bird
Scott Bronson
Jun Choi
Ronni David
Art Kalish
Ron Labrocca
Ron Lancaster
Cindy Lawrence
Karen Lee
Mary Ann Mansfield
Nicholas Restivo
Frank Sanacory
Aruneesh Salhotra
Geta Techanie
Glen Whitney

Coordinators and Instructors

Robert Gerver – Research Program Coordinator
Leon LaSpina – Robotics Program Coordinator
Peter G. Hayes – Grade 9/10 Coordinator
Soowook Lee – Grade 7/8 Coordinator
Nicole Wong – Grade 5/6 Coordinator

Instructors-Mathematical/Science

Elliott Bird
Andrew Bulawa
Chi-Yao Chen
Matthew DeMarinis
Richard Doino
Robert Gerver
Peter Hayes
Art Kalish
Matt Kelly
Leon LaSpina
Bernadette Lally
Soowook Lee
Mark McBurnie III
Kevin McNally
Jason Mutford
Cheryl Novick
Christine Owens
Jim Palmeri
Anurag Purwar
Frank Sanacory
Tom Weisswange
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. This means that if the exam is held in-person, everyone involved must wear a mask. There will be no exceptions to this rule. If the College decides that we are unable to hold the exam in-person at SUNY College at Old Westbury, the exam will be distributed via the internet. You will be notified via email if this should occur.

DIRECTIONS

SUNY College at 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 College, 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 College's address. It is the address to a preschool that is located across the street from the campus main entrance on RT 107, the College 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 College, 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

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Dr. Timothy E. Sams, President