GENERAL INFORMATION

The 37th annual Sheldon Institute, co-sponsored by Team Sheldon and the School of Education at SUNY Oswego, addresses the academic and cultural needs of motivated, inquisitive and creative students. Each full day during the two-week period, students who will be entering grades two through ten will be instructed by college professors, certified public school teachers and experienced practitioners. In addition, they will have the opportunity to interact with other students who have similar interests and abilities.

Sheldon Institute offers four separate divisions - the Novice I and Novice II Program, Junior Division and Senior Division. The Novice I Program welcomes children entering grades 2 and 3 with Novice II designed for children going into grade 4. The Novice teachers work together as a team to develop and teach the curriculum. The Junior Division is comprised of students entering grades 5, 6, and 7 while the Senior Division is geared towards students entering grades 8-10. Each day’s activities for the Junior and Senior Divisions are divided into four, 90 minute workshop periods, that provide opportunities for each student to investigate and explore in depth his or her areas of interest. We endeavor to keep the number of students in the Junior & Senior workshops at no more than 15 with some course offerings capped at less if requested by the instructor. Course availability will be based on the postmark of application and timely payment of tuition.

This Monday through Friday commuter program will operate for two weeks, from July 27 – August 7, 2015 on the SUNY Oswego campus. Students must enroll for both weeks of the program. Students are considered registered when their application with deposit is received. Please plan to arrive at 8:00 am on the first day for announcements, initial registration, etc. that will take approximately 30 minutes. On all other days, classes begin at 8:30 AM and end at 3:40 PM. Please plan to have your child at Swetman Gym between 8:15-8:20 am each day and pick them up by 3:45-3:50 pm. We ask that you not drop them off before 8:15 am as there will not be anyone available for supervision before that time. To culminate the two weeks of activities, we will have our annual Sheldon Showcase held on the last day. Parents, family, and friends will be invited to come to campus and attend the showcase in the afternoon. More information about Sheldon Showcase will be sent in future mailings.

Participants with disabilities who may need special accommodations in order to participate in Sheldon Institute should contact Candy Rasbeck, Administrative Assistant, at 315-312-2103, or email candace.rasbeck@oswego.edu, as early as possible (at least two weeks before program starts).

Because Sheldon Institute considers safety a top priority with all participants, we need to know at all times where students are and where they’re expected to be. Each morning, parents (or designated adults) need to accompany students to Swetman Gym to sign in. At the end of each day, parents are asked to come back to that same location to pick their children up and sign them out. If there is a day when a child is not able to attend, we ask that the parent notify the Sheldon Institute office. Students in Junior and Senior Divisions have classes that are located in different buildings on campus. Students, in first and third session classes, are escorted by teachers and teacher assistants to and from Swetman Gym. In between classes, Sheldon Institute assistants are stationed at various locations on campus to facilitate students’ progress from building to building. While attending Sheldon Institute, students will have behavioral expectations they must meet. Inappropriate behavior, of any kind, will not be
tolerated. If an incident occurs, a report will be written up and parents will be contacted. In some cases, parents could be asked to come in and pick up the child.

A student contract, along with other important information, is included in the Registration Packet. It must be read and signed by all participants and parents/guardians. In the case of an accident, please read the procedures outlined on the Medical Information/Consent form included in the Registration Packet.

DIVISIONS

Novice I  Students going into grades 2 and 3
Novice II  Students going into grade 4
Junior    Students going into grades 5, 6, and 7
Senior    Students going into grades 8, 9, and 10

COURSE SELECTION

This booklet provides a brief description of each course that will be offered. Students in the Novice I and II programs will participate in a variety of exciting courses. Novice I & II students will be broken down into groups and rotate teachers during the day to experience different learning activities. They will also have a free swim time (no lessons provided) every day at Lee Hall Pool, provided that lifeguards are available. Parental permission forms are included in the registration packet.

Students in the Junior and Senior Divisions will take four courses and are asked to select a first, second, and third (for back-up) choice for each session. We will make every effort possible to accommodate your choice of classes. The sooner you get your paperwork in, the more likely you will get into your 1st or 2nd choice class. **Course selection paperwork will only be accepted for those students whose deposit has been paid!** You will be contacted in advance, if: 1) you do not get your 1st, 2nd, or 3rd choice of a course for a particular session; or 2) your course was cancelled due to low enrollment and we can’t get you into one of your other choices. If Sheldon Institute has not contacted you, you can assume you received either the 1st, 2nd, or 3rd choice course you selected. Course schedules and additional important information will be mailed or emailed to students in early July. Please note: when you receive your course schedule, do not call to make class changes. **There will be no changes made to schedules before the first day of the program!!!**

Please note the following:

All courses, AM and PM run for the **full two weeks.** (Classes on the last day of the program are shortened due to the Showcase in the afternoon.)

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<tr>
<th>AM sessions will run from:</th>
<th>8:30 - 10:00 AM</th>
<th>Session I</th>
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<td>and</td>
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<td>11:45 - 12:15 PM</td>
<td>LUNCH, Campus Center</td>
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<td>PM sessions will run from:</td>
<td>12:25 - 1:55 PM</td>
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Sheldon Institute
2015

Teacher Helper

We will offer the “Teacher Helper” program to students going into either 9th or 10th grade again this year. Students who are entering either of these grades can choose to be in the program, which is directed toward students who are interested in a career in the field of education and enjoy working with children.

Teacher helpers will assist Sheldon Institute teachers in the Novice Program with daily activities, to include the following: assist individual or small groups of students involved in projects and/or music, games and outdoor play; assist in the preparation of materials for hands-on learning activities.

Sheldon Institute students who choose to be teacher helpers will be assigned to the Novice Program during Session 1 and 2 (8:30 – 11:30 am) or Session 3 and 4 (12:30 – 3:40 pm). Teacher helpers will participate in classes in the Senior Program when they are not assigned to work in classrooms. Teacher helpers will participate in a minimum of 2 sharing sessions to help them problem solve and to expand their ability to work with a variety of students. These sessions will be facilitated by the Sheldon Institute Director and Graduate Assistant.

Teacher helpers will pay a reduced tuition of $220.00. Sheldon students who are interested in this program should submit a letter of interest with their application. They must also submit a letter of recommendation from a teacher, guidance counselor, or principal who is familiar with the student.
FINANCIAL INFORMATION

Tuition for the two-week program is $320, covering the cost of instruction and materials, as well as any transportation to local sites that may be required for some courses. Limited needs-based financial assistance may be available for those who qualify. *(Some courses have additional fees for special materials that may be required. If a student is granted financial assistance and chooses to take a class with additional material fees, you will be responsible for paying the fees. Material fees are outlined in this Program Booklet.)*

To reserve a space at the Institute, a deposit of $160 is required at the time of application. **The balance of $160 is due by June 19, 2015.** The balance can be paid by cash or check. Please make checks payable to: **Oswego College Foundation, Inc. – SI 2015.**

If an applicant cannot attend the program, a refund of the amount paid, less $30.00, will be made providing Sheldon Institute receives written notification of the cancellation by July 6th. Refund requests received after this date will be for 50% of paid tuition until July 26th. **Once the program begins, no refunds will be made.**

*Junior/Senior Divisions: Please do not pay any material fees until a final schedule has been determined!! *

*Please complete all required forms in the Registration Packet and return by June 19th to:*

Candy Rasbeck  
SUNY Oswego  
Dean’s Office, School of Education  
302 Park Hall  
Oswego, NY 13126
Novice I Program
(Grades 2 and 3)

All students take these courses

Instructors: Amy Murtari, Amy Bryan, & Tammy Slank

Our Great Lake – Students will explore the wonders of Lake Ontario, one of the Great Lakes, and learn about its impact on the local community from the perspectives of weather, transportation, and border control. A visit will be made to Fort Ontario. Specimens will be collected at the lake, including common trash that has found its way to our waterway as well as rocks that will be studied later at the campus Geology Lab.

It’s in the Wind – Students will learn about the forces of the wind, how it affects our environment, and how we can use it. A field trip will occur to SUNY Oswego’s state of the art Sustainability Center, where we will meet with experts and discuss the wind turbines that are on campus and how nature provides us with needed energy. Students will also make a variety of wind-related objects.

Good Heavens Above! – In this session, students will study the nighttime sky, the patterns the stars make (constellations), and the legends and myths behind them. We will also discuss the solar system while creating a take-home model. A visit will be made to the campus planetarium with an expert leading us in a nighttime lesson.

Cool Keychains and Fobs – Students will experiment with a variety of art supplies including beads, cordings, and paper to create cool backpack key chains and fobs. Trading may occur with especially coveted creations, ranging from Minecraft to Olaf!

Free Swim Time at Lee Hall Pool – Students in Novice I and II Divisions will be divided into groups and escorted to Lee Hall Pool for a daily “free” swim as long as there are lifeguards available. There has to be a lifeguard on duty at the pool, as well as a Novice Teacher and a Teacher Assistant to supervise the students. We must have a signed permission form on file for students to participate. (Please note that swimming lessons are not provided.)

Novice Art – Students will do art projects that are related to their courses for this year.

Please bring a box of crayons! Additional $7.00 materials fee for Novice I Students
Novice II Program

(Grade 4)

All students take these courses

Instructors: Jennifer Taylor, Amy Dubos, & Tammy Slank

Bringing the World to Sheldon! - Get ready to punch your passports as we go on an international adventure! We will be travelling throughout the continents discovering cultures, geographical wonders and modern marvels. Our Passports will be displayed during the Sheldon Showcase. Be sure to check out all the cool and amazing places we have explored!

International Crafts and Games - Join us as we make crafts and play games which originated in each of the seven continents. Crafts include Asian paper lanterns, African tribal beads and South American Mola prints. Games include European Bilboquet cups and a North American Zuni Basket game dating back to the Native Americans! We will host a “Game Day” with Novice I students to share in our fun!

An Adventure through Language - Come take an adventure through Spanish speaking regions. Learn about cultural characteristics of Spanish speaking countries. Did you know that people don’t greet one another the same way in all Spanish speaking countries? Let’s discover all the different ways we can greet one another, talk about ourselves and tell where we are from. How about that weather? Let’s become Spanish speaking weather personalities and give a weather forecast!

Destination Depot - Ever wonder what it would be like to live near a polar ice cap, or in the misty and humid rainforest, maybe next to a volcano? How about in the desert? We will take ourselves inside the rainforests of Brazil, to the base of Turrialba in Costa Rica, the polar ice cap of Antarctica and into the deserts of Africa. We will perform science experiments that will help us better understand what it would be like to live in these very different climates.

Free Swim Time at Lee Hall Pool – Students in Novice I and II Divisions will be divided into groups and escorted to Lee Hall Pool for a daily “free” swim as long as there are lifeguards available. There has to be a lifeguard on duty at the pool, as well as a Novice Teacher and a Teacher Assistant to supervise the students. We must have a signed permission form on file for students to participate. (Please note that swimming lessons are not provided.)

Novice Art – Students will do art projects that are related to their courses for this year.
Junior & Senior Courses

**Adventures in Theatre; Improv** – Aleksandra “Ola” Krasulski, Instructor
An introduction to improvisation, designed to allow each student to experiment with storytelling and acting. We will explore a variety of exercises, and conclude the course with a devised piece. No previous theatre experience necessary – all are welcome! (Jr/Sr combo class)

**All About Games** – Amy Murphy, Instructor
All About Games is the perfect class to enjoy the sunshine, get some great exercise, and play, play, PLAY! Students will learn and play a variety of outdoor games, as well as learn some of the history behind them! Good sportsmanship, teamwork, strategy, and perseverance will be important skills discussed and practiced throughout each session. In case of rain, this class will be held indoors. During the second week of class the students will each create their own unique game for the class to try! (Jr/Sr combo class)

**All About Lake Ontario** – Elaine Ceresko, Instructor - Maximum 10 students
Did you ever wonder about that giant Lake you live so close to? Did you know it was created by glaciers thousands of years ago? Or that it contains many mysteries including shipwrecks, monstrous fish and even a meteor crater? During our two week class, we will take a walk along the shore with an expert geologist, learn about the ecology of the lake through games and demonstrations, explore Indian stories and lore about the lake and maybe even visit Rudy’s Restaurant to learn about its interesting history. (Jr/Sr combo class)

**Astronomy** – Victorija Sprancmanis, Instructor
In this introduction to astronomy, we will learn about the formation of solar systems, the types and properties of different planets and stars and how these affect life on Earth. We will learn how to read and use stellar coordinates, how to use data points to plot and show relationships and methods to conduct a scientific investigation. (Jr/Sr combo class)

**Awesome Paper Airplanes** – Peter Addabbo, Instructor
So you think you can make the best paper airplane? Have you ever made a biplane? Or an aero stunt plane? These and many more awesome paper airplanes can be made and flown to impress your friends and family. Learn to make some of the most intricate and super paper airplanes known to man…PREPARE FOR TAKEOFF! (Jr/Sr combo class)

**Boom! Popp! Fizz!** – Rachel Stewart, Instructor
Do you love science – especially the experiments? Then this course if for you! We will be exploding “bubble bombs”, launching “Alka-Rockets”, creating “Gloop”, and much, much more, all while answering questions, making hypotheses, following procedures, and measuring and recording data. You will also get to explore the science concept behind every investigation. This course will be taught by a current middle science teacher with 14 years of experience. (Jr/Sr combo class) ($10.00 materials fee)
Chemistry Camp 1 – Viktorija Sprancmanis, Instructor
Students will get an introduction and better understanding of basic atomic structure, the behavior of particles and using the scientific method in chemistry. We will be introducing some of the most important concepts in chemistry with fun and exciting activities. We will learn how to model the structure of the atom, experiment with acids and bases, learn how to measure density and we will explore the behavior of gases. We will also make slime and investigate the chemistry of candy. (Jr/Sr combo class)

Cooking with Katie - Katie Ryan, Instructor - Maximum 10 students
In this course, you will learn how to prepare and enjoy your very own summer meals while learning about nutrition and proper table setting. (Jr course) ($5.00 Materials Fee)

Crocheting 101 - Stacey Walton, Instructor
Ever want to learn how to make your own scarves, hats, pot holders, and other projects? Crocheting 101 will teach you the basics of how to crochet, including how to read different types of crochet patterns. We will learn different types of stitches involved with crocheting and use those stitches to crochet a variety of projects that you will get to take home with you at the completion of the class, not to mention the knowledge to continue crocheting projects on your own! (Jr/Sr combo class)

Digital Photography - Stacey Walton, Instructor
Students will become engaged in the exciting and growing world of digital photography. We will start off with basic guidelines of composition as we explore our cameras and the many things that can be accomplished through them. We will start class off exploring various parts of the college campus to choose interesting subjects to photograph. Then, students will get to utilize Photoshop to edit and manipulate their photographs. Finally we bring everything together by selecting our top photographs and using them to create finished works of art, including incorporating old world experimental photography techniques. A digital camera is required for this course. (Jr/Sr combo class)

Drawing & Painting – William DeMott, Instructor – Maximum 11 students
Can’t make up your mind between drawing and painting? Let’s spend two weeks having our cake and eating it too. We can draw and paint…work in black and white and color…make art that is realistic and abstract. And we will combine drawing and painting to make some mixed-media creations as well. Be ready to tackle still lifes, landscapes, cartoons, sound drawings, visual pizza, and more. (Jr/Sr combo class) ($5.00 materials fee)

Everything Origami – Stacey Walton, Instructor
Explore the exciting world of the Japanese art of paper folding, Origami! We will start out learning basic folds as beginning steps to creating more complicated and interesting paper creations. Paper is the most essential part of origami, and therefore you will be engaged in designing and creating your own papers through techniques such as dyeing and marbling. We will further explore how origami can be used in many different ways as well as incorporated into other art media. (Jr/Sr combo class)

Green Thumb Gardeners – Katie Ryan, Instructor
In this course you will learn all about how to plant and maintain a garden. You will even be able to take home starter plants. (Jr class)
Illustrator 101 - Kelsey Titus, Instructor
Illustrator is a great design program for creating logos, advertisements, and computer artwork. Students will learn all the basic tools and create logos for their own companies. (Sr class)

Jewelry Making – Kelley Sheldon, Instructor
Students will learn how to create stunning jewelry from polymer clay, marbles, up-cycled items, fishing tackle and more! (Sr class)

Junior Lego Battlebots - Santiago Buigues, Instructor - Maximum 8 students
Two teams, four robots, eight flags! Get ready to build and remote control several battlebots designed to intercept each other and capture as many enemy flags as possible. Using Lego Technic components, Lego Mindstorms smart bricks, and Lego Power Function elements, you and your team will design several mechanisms to be tested in the ultimate challenge arena. During our last day of class we will set up a display to demonstrate our final projects at the Showcase. This class requires the ability to work cooperatively in small teams. (Jr class) ($5.00 materials fee)

Lego Mindstorms EV3: CityCAMP - Santiago Buigues, Instructor - Maximum 8 students
Using Lego Mindstorms EV3 sets to build cool robots that emulate common technology; learn the working principles and inspiration of your designs; code using intuitive visual programming; and have fun playing with the robots you build. This roboCAMP workshop focuses on how technology can make life easier in a modern city. Among other projects, we will explore a vending machine, a solar plant, a wind turbine, a scissor lift, and an aeroplane. During our last day of class we will set up a display to demonstrate our final projects at the Showcase. This class requires the ability to work cooperatively in small teams. (Sr class) ($5.00 materials fee)

Lego WeDo: Star CAMP – Santiago Buigues, Instructor – Maximum 8 students
Build futuristic robots with Lego WeDo sets; learn the working principles and inspiration of your designs; code using intuitive visual programming; and have fun playing with the robots you build. This roboCAMP workshop will explore physics, astronomy, and will take us into outer space. Among other projects, we will build an X-wing spacecraft, a robotic arm, a space shuttle, and an astronomical model. During our last day of class we will set up a display to demonstrate our final projects at the Showcase. This class requires the ability to work cooperatively in small teams. (Jr class) ($5.00 materials fee)

Martial Arts and the Real World - Edward Levine, Instructor – Maximum 10 students
Martial arts are a combination of balance, control, power, speed, and focus. We will discuss and learn about the techniques and ideas that contribute to martial arts from around the world. Focus will be given to Chung Do Kwan Tae Kwon Do and practical self-defense. Come ready to exercise, learn, and have fun! (Jr/Sr combo class)

Music Madness – Amy Murphy, Instructor – Maximum 12 students
Music Madness is an engaging, lively music class! It will include 45 minutes of singing choir selections and 45 minutes of other various musical explorations. Students will be playing fun, familiar tunes on bell sets (similar to the xylophone). These bell sets are very simple to learn to play, yet sound wonderful and harmonious when a song is performed! No previous experience reading music is required. Students will also learn valuable teamwork skills when they get to play the hilarious BoomWhackers – plastic tubes each with their own pitch. (Jr/Sr combo class)
Op Art (Drawing and Creating Optical Illusions) - Stacey Walton, Instructor
Explore the exciting world of Op Art, an art movement that began in the 1960s. Op Art is the creation of Optical Illusions through the use of various art materials. We will learn how to create many different types of Optical Illusions that will both astound and mystify our viewers. You will have many completed artworks to take home with you at the completion of this class. (Jr/Sr combo class)

Painting with a Twist – Kelley Sheldon, Instructor – Maximum 8 students
Students will create paintings using an array of different mediums including shaving cream, glue, tape, egg shells and more! Students will have the opportunity to paint both in a classroom and outside, weather permitting. (Jr class) ($5.00 materials fee)

Physics and the Real World - Edward Levine, Instructor
Physics is everywhere! In this course we will be looking at a selection of physics concepts and their application. From magnet to motion, from the Titanic to truss bridges, from boomerangs to breaking eggs (or protecting them) we will exercise our minds and put concepts to the test through hands-on activities. (Sr class) ($5.00 materials fee)

Pie in the Sky - Elaine Ceresko, Instructor – Maximum 7 students
Historians have traced the roots of pie making back to the ancient Egyptians during the Neolithic Period or New Stone Age. Pies (called “coffyns”) were served in the middle ages and were originally just containers for various meats. Today most cultures of the world eat tarts, empanadas, gallettes, or PIES by any of their many names. In this class, you will learn all about the fascinating history of pies and pie making, from why “four and twenty blackbirds were baked in a pie” to why something is “as American as apple pie.” You will also learn to make pie crust, and several different kinds of pies, both dessert and main dish. The course will also take a field trip to Ontario Orchards to learn how pies are made commercially. (Jr/Sr combo class) ($6.00 materials fee)

Pop Culture and You - Kelsey Titus, Instructor
Students will have open discussions on pop culture and how it affects them, both positively and negatively. We will look at topics with pop culture such as beauty, femininity, masculinity, famous role models, relationships, and more. (Sr class)

Printmaking – William DeMott, Instructor – Maximum 11 students
Printmaking is an old school art form that is kid—friendly and fun. Anyone who is creative and has a scientific side will really enjoy this. We can make and print woodcuts, collagraphs and one-of-a-kind monotypes, and make screen printed t-shirts. We may go on a field trip to a screenprint shop or a gallery. We will use presses and we will handprint as well in black and white and in color. (Jr/Sr combo class) ($5.00 materials fee)

Programming and Game Design - Edward Levine, Instructor
What do robots, video games, and your phone have in common? Programming! In this course, we will be designing and testing video games and programs using a variety of free software (primarily Kodu and Scratch). (Sr class)
Scary, Silly Campfire Stories – Elaine Ceresko, Instructor – Maximum 10 students
People have enjoyed listening to ghost stories around a campfire for thousands of years. Sometimes these are scary – sometimes just silly, but always fun! Find out what MAKES a story frightening and/or entertaining and learn how to write your own. We will explore some of the old campfire stories such as, “Who Took my Hairy Toe”, and “The Monkey’s Paw”, as well as stories of haunted places around the world. We will play games that spark scary stories. We will even visit a local cemetery to look for historical “ghosts” to write about. We may not have a campfire, but we WILL have a campfire atmosphere. (Jr class)

Screenwriting – Kelsey Titus, Instructor
Students will learn the art form of writing a movie. They will learn everything from structure to elements. They will even write their own five page scripts and have them read and critiqued. (Sr class)

Senior Lego Battlebots - Santiago Buigues, Instructor - Maximum 8 students
Two teams, four robots, eight flags! Get ready to build and remote control several battlebots designed to intercept each other and capture as many enemy flags as possible. Using Lego Technic components, Lego Mindstorms smart bricks, and Lego Power Function elements, you and your team will design several mechanisms to be tested in the ultimate challenge arena. During our last day of class we will set up a display to demonstrate our final projects at the Showcase. **This class requires the ability to work cooperatively in small teams.** (Sr class) ($5.00 materials fee)

The Art of Comedy - William DeMott, Instructor
Oh, so you are a comedian? Good, let’s get together and explore what makes comedy work. Physical comedy, everyday jokes, comedy in writing. We will see some funny movies and commercials, explore comedy in literature, write our own stand-up routines and funny stories. And be ready, there will be a comedy challenge every day. (Jr/Sr combo class)

The Art of Frisbee - William DeMott, Instructor
There is more than one way to throw (and catch) a Frisbee. Come improve your moves. We will perfect freestyles moves like behind-the-back throws and under-the-leg catches, skip throws, floaters, and distance tosses. While we are at it, we will try some classic games like Frisbee golf, Kan-Jam, Tip-it, and Ultimate Frisbee. So bring a water bottle, some sunscreen and a little attitude! (Jr/Sr combo class)

The Breakfast Club – Kelley Sheldon, Instructor – Maximum 10 students
Students will be cooking various breakfast entrees from around the world! They will learn how to work with different kitchen appliances and utensils and learn to use skills for their future cooking endeavors. (Jr class) ($5.00 materials fee)

The Great Outdoors - Katie Ryan, Instructor – Maximum 11 students
This course will allow you to enjoy nature, be active, and gain the skills necessary to be successful on short or long hikes. (Jr class)

The World of Comic Book Art – Caitlyn Knepek, Instructor
This course will teach students about literature and art. We will explore comics and graphic novels as an art form and through storytelling. By the end of this course, students will have created their own comic book as well as learned how to tell a story through plot, theme and character development. (Jr/Sr combo class) ($5.00 materials fee)
**Theatre: Words & Wings** - Aleksandra “Ola” Kraspulski, Instructor

From sprites and fairies to witches and ghosts, Shakespeare explores many aspects of the supernatural in his plays. In this course we will explore the text (words) in terms of story and description to create a visual embodiment of various characters (wings, masks, etc.) A new story will be created using original text, and performed with student created costumes at the final showcase. NO previous theatre experience necessary, all are welcome! *(Jr/Sr combo class)* *($10.00 materials fee)*

**Video Production** – Edward Levine, Instructor

Ever wanted to make a movie? TV show? Or online web series? In this class we will write, plan, and produce a short video to introduce you to skills for shooting and editing videos for film, tv, and web. Topics covered will include cinematography, audio productions as it relates to video, and even some special effects. *(Sr class)*

**Visual Volumes (Book Art)** – Kelley Sheldon, Instructor

Students will create stunning sculptures using up-cycled books. Materials will be torn apart, put back together and carved to create unique art pieces. *(Sr class)* *(3.00 materials fee)*

**Windows in Science** – Julien Bachelier, Martha Bruch, Kristin Gublo, Tim LeClerc, Rachel Lee, Al Stamm, and Scott Steiger, Instructors

Ever wonder about the many aspects of science? If so, then join us as we go on a two week exploration! Windows in Science will provide each participant with opportunities for hands-on learning and fun through experiments, demonstrations, and discussion inside the laboratories in our new, state-of-the-art science building, Shineman Center. Seven professors from the SUNY Oswego Science Department will explore areas in; astronomy, botany, chemistry, earth science, and meteorology. There will also be a spectacular presentation in our new Planetarium followed by a related art project. Come scratch the surface on what science has to offer! *(Jr/Sr combo class)*

**Yoga for All** - Rachel Stewart, Instructor

Yoga is more than just a physical practice; it can provide anyone with a set of tools to increase one’s awareness of themselves through breathing and mediation. This class will be catered to the population. No prior experience is necessary; however, modifications will be made for students who already practice regularly to provide a more challenging environment. All students will work on proper body alignment, increased flexibility, balance, and strength. *(Jr/Sr combo class)*

**You Can Be an Author in 10 Days!** – Mary Slimmer, Instructor

Do you want your voice to be heard? Learn how to persuade your readers by learning skills that will improve your writing abilities. We will also share our stories through essays, poems, letters, memoirs, and journals. *(Jr/Sr combo class)*
INSTRUCTIONAL STAFF

Peter Addabbo
M.S. SUNY Cortland, Reading & Elementary Education
B.S. R.I.T., Electrical Technology
AAS SUNY Canton, Electrical Technology

Peter Addabbo made a career change over 16 years ago when he left the engineering field for a career in elementary education to pursue his true passion of teaching children. Peter is a teacher in the Baldwinsville School District and this is his 10th year teaching for Sheldon Institute. With the help of the Sheldon Institute Assistants, he publishes several issues of the Sheldon Blurb and is responsible for all of the organization and set up for Sheldon Showcase, for which he does a spectacular job each and every year!

Julien Bachelier
PhD University of Zurich, Switzerland, Natural Sciences

Julien is part of the team of professors at SUNY Oswego that will be teaching “Windows to Sciences” for our program this year. Before employment with SUNY Oswego in the Fall of 2014, Julien had been doing postdoctoral research at the University of Colorado at Boulder, and at the Arnold Arboretum of Harvard University. Main research interests are in flowering plants systematics and evolution, and he does a lot of microscopy to compare flower development and morphology. We are excited to have Julien be a part of this new course.

Amy Bryan
B.A. Lemoyne College, English/Education with a minor in Spanish & Philosophy
M.S. Nazareth College, Education with a Special Education concentration

Amy is currently employed with the Auburn Enlarged City Schools as a kindergarten teacher. Previously she has taught high school English, children with special needs, ages birth – adulthood, and college education classes. She is part of her school’s Character Education Committee, Reading Committee, Science Fair Committee, and the Odyssey of the Mind Coordinator. She loves to run, read, and cook and especially loves spending her day with children. This is her 6th year with Sheldon Institute.

Santiago Buigues
B.A. Universitat de Valencia, Valencia, Spain, History and Geography: Archaeology
M.A. Queen’s University, Ontario, Canada, Spanish Literature
M.A. University of Calgary, Alberta, Canada, Archaeology

Santiago holds graduate degrees in both Archaeology and Spanish literature and for most of his adult life, has taught in one capacity or another, to both children and adults. He has taught for the Cub Scouts, YMCA, and several universities and currently teaches Science and Technology workshops and courses in several home learning co-operatives in the Syracuse and Fair Haven areas. His interests include foreign languages, literature, ceramics, science, and technology. This will be his 4th year with Sheldon Institute.

Elaine Ceresko
Graduate work at Colgate University and SUNY Oswego
B.A. SUNY Cortland

Elaine taught at Cato-Meridian School for over 30 years and retired in 2009. She loves poetry and has been involved in the “Echoes” and “Three Lakes Sampler” writing projects. Ms. Ceresko also loves cooking, arts and crafts, and nature studies. She was the advisor for the Ecology Club at Cato-Meridian and taught cooking, as well as arts and crafts at the Auburn Residential Center. This is Ms. Ceresko’s 7th year teaching for Sheldon Institute.
William DeMott
B.F.A & M.A. SUNY Oswego, Drawing & Printmaking
M.F.A. Indiana University of PA, Drawing & Printmaking
Bill DeMott is an artist, who specializes in printmaking and drawing. He teaches art classes regularly at SUNY Oswego, Monroe Community College in Rochester and Cayuga Community College in Fulton. He is on the board of the Art Association of Oswego where he has been the Exhibition Coordinator since 1999. He has taught art classes for students through Sheldon Institute for 7 years, taught at BOCES Summertime on Campus and through the Art Association of Oswego. He enjoys the art of illusion, whether it involves drawing techniques or magic tricks and is a fanatic about tennis, racquetball and Frisbee. Bill has a wife and two sons who share his love for art, music and sports.

Amie Dubos
Assoc. Degree, Onondaga Community College, Humanities
B.A. SUNY Cortland, Spanish
M.S. LeMoyne College
This will be Amie’s first year working with the Novice II students at Sheldon Institute. She has taught 8th and 9th grade Spanish at the Cato-Meridian School District for the past eight years, taught Spanish for one year at Jordan-Elbridge, and has worked with the summer program in Meridian, Ira, and Cato. She has traveled to Spain on three occasions and has hosted an exchange student from there. In addition to teaching, Amie has also coached modified and junior varsity volleyball for the past six years. She is married and a Mom to two boys, ages four and two and loves spending time with them creating crafts, playing games and visiting new places. Her favorite hobby is baking cupcakes, cakes and scrumptious desserts.

Kristin Gublo
B.S. SUNY Oswego, Chemistry
M.S. SUNY Oswego, Chemistry
Kristin has been an Instructional Support Specialist and adjunct professor at SUNY Oswego since 1998. She is responsible for providing all reagents and equipment for the laboratory courses and the training of the teaching assistants in the Chemistry Department. She is currently serving on the campus chemical hygiene committee and is the department’s chemical hygiene officer. She teaches a Chemical Safety Course and provides lab safety training workshops each semester to the chemistry faculty, graduate students and undergraduate research students. She is the chemistry department advisement coordinator and participates in the first year and transfer orientation programs. Kristin also coordinates the new NSF funded General Chemistry Peer Mentor Program. This will be her 3rd year of instruction with Sheldon Institute.

Caitlyn Kneple
B.S. Studio Art, Nazareth College
Caitlyn has worked as a graphic designer in advertising for 4 years as well as started working in the childrens book industry. She is currently working part-time for Mascot Books as an illustrator while attending SUNY Oswego to obtain her masters in K-12 Art Education. This will be Caitlyn’s first year with Sheldon Institute.
Aleksandra “Ola” Kraszpulska
B.F.A. Marshall University, Theatre Production and Design
M.F.A. Florida State University, Scenic Design
Ola is currently the Assistant Professor of Scenic and Lighting Design at SUNY Oswego. She earned her BFA in Theatre Production and Design at Marshall University. Scenic & Lighting Design Credits include: Fahrenheit 451, Wait Until Dark, Into the Woods, All in the Timing, and The Skin of Our Teeth. Originally from Gdansk, Poland, Ola’s work often takes her abroad. This will be Ola’s second year with Sheldon Institute.

Rachel Lee
B.S. Trinity University, San Antonio, TX, Geosciences
PhD University of Pittsburgh, Volcanology/Remote Sensing
Rachel is an Assistant Professor of Geology with SUNY Oswego and will be joining five other professors from our science department to teach “Windows to Sciences”. Her research is focused on volcanoes and volcanic processes. In addition to teaching college students, she is passionate about working with K-12 students and introducing them to the many wonderful opportunities that STEM fields have to offer. We look forward to her participation in our program.

Edward Levine
B.S. SUNY Oswego, Technology Education
M.S.E.D., SUNY Oswego, Technology Education, May 2012
Edward graduated Summa Cum Laude from SUNY Oswego in 2011 and received his Master of Science in Education degree in Technology Education, also from SUNY Oswego, the following year. He was a past president of the Tae Kwon Do Club here on campus, is a first degree black belt in Chung Do Kwan Tae Kwon Do, and became a new instructor this year at SUNY Oswego’s Tae Kwon Do club. Currently Mr. Levine teaches technology and engineering courses in the Syracuse City School District and is the STEM/Robotics Club coach for Fowler and PSLA High School. This will be his 4th year as an instructor with Sheldon Institute.

Amy Murphy
B.S. College of Saint Rose, Albany, NY
M.S.E.D. SUNY Oswego, Literacy Education B-6
Amy has been a kindergarten – 8th grade music teacher and is currently teaching 7th & 8th grade at the Oswego Community Christian School. She was the camp director at the Scriba Day Camp for 6 years. Amy loves to make teaching engaging, lively and fun for her students. She has earned certifications in early education, childhood education and literacy. Amy is the mother of two beautiful daughters and is excited to be a part of Sheldon Institute. We look forward to her being a part of our program!

Amy Murtari
B.A SUNY Oswego, Elementary Education
M.S. SUNY Oswego, Education
Ms. Murtari has been an elementary teacher in Cato-Meridian for almost 30 years, a job she describes “as one she truly loves”. She has instructed students from the youngest to the oldest, pre-k to college, which she says has been very rewarding. She comes to us highly recommended and looks forward to teaching a new group of students every summer. This will be Amy’s 4th year with Sheldon Institute and we look forward to working with her again.
Katie Ryan  
B.S. SUNY Oswego, Childhood Education, English concentration  
M.S.E.D. SUNY Oswego, Literacy Education, B-6  
Katie has taught 3rd & 4th grades for 6 years and is currently teaching 5th & 6th grades at Oswego Community Christian School. She is excited about joining Sheldon Institute to pass on knowledge and abilities that will strengthen a student’s creativity and love of learning. Katie feels that teaching in a combined classroom has given her great experience in planning, organizing and managing students of multiple ages and curriculum ranges. We look forward to Katie’s participation in Sheldon Institute.

Kelley Sheldon  
B.A. SUNY Oswego, Art with Studio Emphasis and a Theatre Minor  
M.A.T. SUNY Oswego, Art Education  
Kelley grew up in Scriba and attended Mexico High School and BOCES for their commercial art and design program. After obtaining her bachelor’s degree from SUNY Oswego, she worked as a professional graphic designer for five years, returning to SUNY Oswego for her master’s degree. She currently resides in Scriba with her family, teaches in three districts and holds private art lessons. Kelley is returning for her 2nd year with Sheldon Institute.

Mary Slimmer  
B.A. Potsdam State University, English and Elementary Education  
M.S./CAS SUNY Oswego  
Mary was a teacher for OCSD for 14 years and an administrator for 7 years. Since retiring she has authored a book for young adults and facilitated many workshops for writing. This will be Mary’s first year with Sheldon Institute.

Viktorija Sprancmanis  
B.S. SUNY Oswego, Biochemistry  
Viktorija graduated in May 2014 with her bachelors degree and is currently working towards getting a master’s degree in education. She has been a part of the SUNY Oswego’s Chemistry Department Peer Mentor Program, where she has assisted students in General Chemistry Laboratory. While a student here, she has enjoyed being a part of the Astronomy Club and studying the art of photography. We are glad to have her back with us for her second year at Sheldon Institute.

Scott Steiger  
B.S. SUNY Oswego, Meteorology  
M.S. & Ph. D. Texas A&M, Atmospheric Sciences  
Scott has been a professor of meteorology at SUNY Oswego since 2003, mainly teaching weather analysis and forecasting and severe weather. He is also involved in lake-effect storm field research. Along with 6 other professors in our science department, he will explore the many fields of science with our students. We are very excited to have Scott join our staff at Sheldon Institute.

Rachel Stewart  
B.S. SUNY Oswego, Elementary /Middle School Education with minors in Biology and Health Science  
M.S. Central Connecticut State University, Natural Sciences with a Science Education Concentration  
Ms. Stewart is a native New Yorker, having grown up in the Rochester and Syracuse areas and is currently a resident of New Britain, CT. She has been teaching science and math to 7th
and 8th graders for the Newington Public Schools since 2001. Besides teaching, she has been a mentor to first and second year teachers, a cooperating teacher to student teachers, helped with the middle school musical as a choreographer and stage manager and currently is running an after school yoga club. Ms. Stewart taught dance and theater courses at Sheldon Institute from 2001 – 2003 and created the Sheldon Showcase coordinator position. We welcome her back to Sheldon Institute.

Jennifer Taylor
M.S.  SUNY Oswego, Literacy Education
B.S.  SUNY Oswego, Elementary and Secondary Education Social Studies
Jennifer is an 8th grade social studies teacher at Cato-Meridian Middle School. She resides in Cato with her husband Dennis and three children. Jennifer loves the opportunity to learn and be creative with Novice students each summer at the Sheldon Institute. In addition to entering her 12th year as an instructor with the novice students, she has also served as the Novice Team Leader for the program, for which she does a wonderful job each and every year.

Kelsey Titus
B.A. SUNY Oswego, Cinema and Screen Studies with a minor in Women’s Studies
Ms. Titus is currently working on her M.S. in Vocation Education for Media Communication. While working on her undergraduate degree, she interned as a peer advisor for three years, was frequently a teaching assistant, and held the position of the President of the Oswego Film Club for a year and a half. Her hobbies include crafts, cross-stitching, reading, writing, graphic design, needlework, puzzles, and jewelry making. This will be Kelsey’s first year with Sheldon Institute.

Stacey Walton
B.A.  SUNY Oswego, Anthropology and Studio Arts with a focus in Photography
M.S.  SUNY Oswego, Human Services/Community Counseling
M.A.  SUNY Oswego, Studio Art and Art Education
Stacey is returning as an instructor for her 4th year after a one year absence. She teaches art classes at the Everson Museum during February break and offers art classes through the Salmon River Fine Arts Center in her hometown of Pulaski where she also regularly displays her own work. She has been teaching for two years at the Pulaski Academy where she recently developed an Arts Enrichment program for the middle school students that meets at least once a week after school. They have done community service projects, school projects, and additional art projects in which she offers teaching skills she would not normally teach in her regular classes. We are fortunate to have Stacey return to Sheldon Institute.
ADMINISTRATION

Director: Kathleen Bartley
This is Kathleen’s eighth year as Director of the Sheldon Institute. Kathleen retired in 2011 from her position as the Assistant Superintendent for Instruction in the Central Square Central School District where she also served as Director of Curriculum and Special Programs. She has a Bachelor of Science degree from SUNY Oneonta, a Masters Degree in Reading from SUNY Albany, and a Certificate for Advanced Studies in Instructional Administration from SUNY Oswego. Mrs. Bartley has been an educator for over 30 years. Her previous experiences include elementary classroom teaching, working as a reading teacher, reading coordinator, and elementary principal. Mrs. Bartley is currently a member of the educational sorority Delta Kappa Gamma. She is a past president of the Oswego County Reading Council, has been on the Board of Directors for the New York State Reading Association, and has served as a member of the Success by Six Policy Board.

Administrative Assistant: Candy Rasbeck
Candy joined the School of Education Dean’s Office at SUNY Oswego in the fall of 2008 and began her association with Sheldon Institute. She is responsible for the program set-up, scheduling, the distribution of information, and is the main contact person. Candy has thoroughly enjoyed the challenge of organizing the program and continues to be extremely impressed with the course selections offered each year by so many talented instructors. The enthusiasm shown by the many students who come back, year after year, is extremely rewarding and compels her to strive to continually improve the program. She is well under way with the organization and paperwork for this year’s Sheldon Institute, her seventh year with the program, and is once again looking forward to working with all the personnel, parents, guardians and students who participate in Sheldon Institute.

Graduate Assistant: Ashley Wheeler
We are anticipating that our graduate assistant from last year, Ashley Wheeler, will be returning to this position for another year. Ashley has a B.S. degree in TESOL with a minor in Linguistics from SUNY Oswego and is working on her MSED in Literacy Education at SUNY Oswego. She is currently employed as an ESL teacher at Cazenovia Central School in the middle and high schools and a tutor at Toomey Residential where she assists refuge students with homework assignments, prepares students for the NYS Regents Exams, and creates individual lesson plans for eight students in grades 6-10. We are delighted to have Ashley return as our grad assistant for a second year.