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## ICS Students Compete and Triumph

### National History Day

This year's competition, with the theme "Rights and Responsibilities in History," was a memorable experience for ICS students and their faculty advisors, Mr. Ivy and Mrs. Castaneda. Eighth grade students were required to write a class paper for History Day, but many, including students of other grades, participated in the regional History Day competition in Shoreline on March 19.

Below is the list of all who won at the regional level and their placement at the state level. The top two in each state category go on to nationals the week of June 16.

Junior Division (Grades 6 - 8):

**Brent Sandona** - 1st place in Individual Performance, *The Trade of Coffee: Rights and Responsibilities of the Industry*.

**Erin Siebert and Katrina Hanson** - 3rd place in Group Performance and Winner of the Best Entry on Women's History in the Junior Division (with a \$50 award for each!) *Women on the Home Front of WWII: Responsibilities and Loss of Rights*.

**Kate Lewis and Hannah Morrison** - 6th place in Group Exhibit, *Adolf Hitler: the Rights and Responsibilities of a Fascist Dictator*.

**Veronica Macalinao, Shayna Freidman, Lindsey Wilson, and Emily Wilson** - State Finalists in Group Performance, *Jose Rizal: The Responsibilities of a Filipino Propagandist to Inspire People to Fight for Their Rights*.

**Devon Sherrow-Groves and Alex Axworthy** - State Finalists in Group Documentary, *The Watergate Scandal: Rights and Responsibilities of the Press*

**Anna Culver, Lauren Hagel, and Cassie Steiner** - Group Documentary, *The Great Proletarian Cultural Revolution: Rights and Responsibilities under China's Communism*  
**Peter Ludwig and Zach Ryan** - Group Exhibit, *Violation of East German Rights Under Soviet Rule*

Senior Division (Grades 9 - 12):

**Adrienne Nova** - 1st place in Individual Performance, *People Who Live by the Rocks and the Seagulls: The Traditional Whale Hunt of the Makah Indians*

**Terra Purpura** - 2nd place in Individual Performance, *People v. Ferlinghetti: A Howl of Free Speech*

**Joe Fenstermaker and Adam Low** - 1st place in Group Documentary, *A Sea of Change: Tonkin Gulf and the Transition of Presidential Power*

**Sydney Pertl** - 2nd Place in Individual Documentary *Unraveling the Ancient Customs: The Decline of Footbinding and the Liberation of Women's Feet, Minds, and Spirits in Neo-Confucian China*

**Mariel Colella and Alison O'Neill** - 1st place in Group Performance, *Crisis in the Congo: a Conflict Between Cold War Politics and Congolese Sovereignty*

**Lindsey Robertson, Neha Soi, and Rachel Strother** - 3rd place in Group Performance, *A Voice Forgotten: Mitch Snyder and the Campaign for Homeless Rights*

## ICS 2002 Graduates Pleased with their ICS Experience

Based on a limited number of responses to a questionnaire sent to them by the *Compendium*, members of ICS' first graduating class, now attending college, are generally pleased with the education they received at ICS and how it prepared them for college. A commonly expressed opinion was that ICS had given them a well-rounded education that prepared them for a wide variety of subjects and majors. They praised the fact that they had had to develop a strong work ethic at ICS, which they felt had taught them to manage time effectively. The ICS English department, and Dr. Saari in particular, were singled out for excellence in writing instruction. Also given high grades were Mr. Ivy's International Studies classes, the Spanish department, physics, and biology.

In response to a query from the *Compendium* on how the ICS experience might be improved, the students offered several good suggestions. The one most often expressed was a desire for better integration of widely used software programs into the ICS curriculum, including programs such as Excel, Access, PowerPoint, and

so forth. One student suggested formal instruction be offered in the use of these programs, as he found knowledge of them to be a prerequisite for success in his college courses. Another student suggested that an AP chemistry course would be useful in helping ICS students avoid heavily populated freshman chemistry courses in large universities. Several of the students objected to having been restricted to five years (grades 8 – 12 for the class of 2002) of core courses with no chance to take electives. It should be noted, however, that the first graduating class was atypical in this respect, and that beginning with this year's senior class, there is ample time for electives in the senior year.

All in all, the class of 2002 felt very pleased with their ICS experience. Most seemed to be in accord with the sentiment expressed by Dino Bischofberger, who declared, "I am proud to be a graduate of ICS".

## Class of 2003 to Celebrate Graduation

ICS' graduating class of 2003 will hold their commencement exercises at the Kirkland Performance Center on Wednesday June 18th at 7:00 P.M. Admission to the ceremony is by ticket only. Guest speaker is Rick Rashid. Student speakers will be Andrea Fay, Alison O'Neill, Hana Satta, and Ambika Singh. Students performing will be Kevin Bystom, Christoph Rau, and Kylie Springman. This will be the first class of students to attend ICS for the full six years. It will be an evening of excitement and

fond memories as family, friends, and staff send them off for the next phase of their lives.

After the graduation ceremony the students will head out for a fun-filled evening to celebrate their achievement. The graduates, along with five chaperones, will leave for an undisclosed location (it's a surprise!) where they'll spend one last evening together. They will return to ICS at 6:00 A.M.

## Tim Fahlberg, “Math Movie” Star

ICS math teacher Tim Fahlberg was always intrigued by puzzles, brainteasers and conundrums, which is not surprising given the high value his family placed on learning and exploring. Born in Chicago, Illinois, Mr. Fahlberg is the youngest of four children. His father was a businessman; his mother, a librarian. The family moved to Sparta, New Jersey when Mr. Fahlberg was six weeks old.

Mr. Fahlberg’s gift for math was evident early. During the summer after second grade, he came across an article in an almanac and taught himself how to do long division. While still a high school student, he built his first computer. “It had 256 bytes of memory,” he confessed with a chuckle.

When he was in junior high school, the Fahlbergs moved to Arizona, where he attended Buena High School. They returned to New Jersey when Mr. Fahlberg was a senior and he graduated from Sparta High School. As a youngster, he loved to read biographies, especially those of scientists such as Marie Curie, Nikola Tesla, and, of course, Edison, but he also enjoyed the fiction of John Steinbeck; James Clavell’s *Shogun*; and Michael Crichton’s science-themed potboilers.

He attended Virginia Tech for a year, before transferring to the University of Arizona, Tucson, where he received degrees in both math and computer science, as well as chemistry, and an M.A. in math and computer science.

Mr. Fahlberg has been teaching since 1988, but has kept a foothold in the computer industry as well, working as a software developer, training and support representative, and Web site and educational tools developer. He has also authored numerous user and instructor manuals.

His love for teaching has led him to develop a number of teaching tools. His most recent project earned him a grant from the Lake Washington School District’s Technology Innovation Grant Committee. With the resources

it’s provided (specifically twelve graphic PC tablets, three electronic white boards, several thousand dollars in software, and a CD tower), he’s been able to create numerous “math movies,” on graphics PC tablets, quickly and efficiently. These movies are brief math problem-and-solution tutorials that provide students with the step-by-step assistance they need to understand math processes that

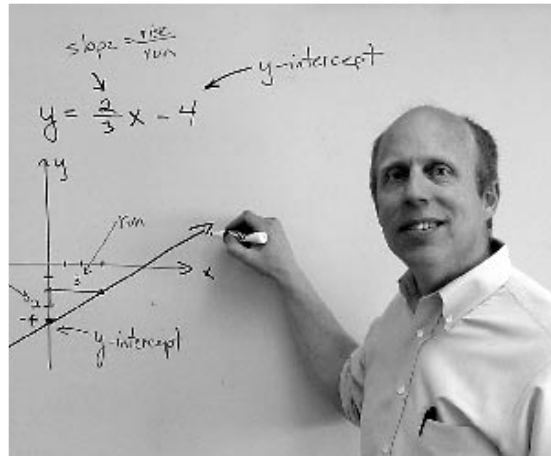
might otherwise be difficult for them. Students can check out Mr. Fahlberg’s math movies on CD or download them from his Web site [www.tbflern.com/math](http://www.tbflern.com/math).

Mr. Fahlberg is married and has a 22-month old daughter, Sarah Anne. His wife, Beth, is an assistant professor of nursing at Northwest College, in addition to keeping current in her profession by doing some part-time home health care nursing

under the auspices of Evergreen Hospital. She was formerly an Air Force nurse and officer. They have two cats: Sweetie Wee One (who may still be “sweet” but is no longer “wee”) and Smudge.

These days, his favorite way to unwind is playing with Sarah. He reads to her such favorites as *Winnie the Pooh* and *Good Night Moon*, sings to her, watches her dance, and marvels at her developing vocabulary. According to Mr. Fahlberg, having a child has changed his perspective on his students’ parents. “I now have some idea of how very much they love their children. I’m not sure I understood that before having a child.”

At ICS, Mr. Fahlberg’s duties have included teaching most of the math level four, integrated III classes. He is very enthusiastic about ICS, its students, and their parents. “I have greatly appreciated the kindness of the parents and students, their e-mails and notes.” He added that “It’s wonderful to see kids make such good choices so early. I know my students will do well in the future because they continue to work so hard. It’s truly a privilege to teach them. I hope they all invite me to their weddings so I can tell their spouses how lucky they are!”



## Focus Week

### *Restoring the environment here at home*

After a Focus Week trip to Costa Rica was cancelled by the school district, Mr. Heil came up with an alternative that was both physically demanding and deeply gratifying. The students worked with the Mountain-to-Sound Greenway Trust, assisting the organization with habitat restoration projects in Issaquah and North Bend. They served our community at a nursery, in a park, and on the Rattlesnake Lake trail, where they weeded and mulched around native plants, fertilized saplings, dug out invasive plants, repotted young trees, painted a tool shed, and laid down about 500 feet of gravel at the Rattlesnake Lake trailhead. Though it sounds arduous, one student had no complaints: "We all became stronger, better friends, and acquired a new level of respect for the environment"



Catherine Hinchliff building robot

### *Robotics puts ideas in motion*

Mr. Fahlberg and approximately 20 students spent their Focus Week learning to program and build robots using Lego Mindstorms kits. The students had their initial meeting in the ICS library where Mr. Fahlberg and Tom

Field, a software industry friend of Mr. Fahlberg's, loaded RCX, a program used to dictate robotic movement, onto the school computers. That completed, the students chose designs from the Lego Mindstorms manual and set to work, building robots that could run into walls, back up, and set a new course; rotate; flip; follow a black line; or tip their hats. Around mid-week, they visited two robotics labs at the University of Washington, where they saw robots programmed to play air hockey, as well as a prototype of a robot slated to compete in a million-dollar race from Los Angeles to Las Vegas. By week's end, the students were ready for a thrilling robot race of their own in the halls of ICS.

### *Marching to the beat of a different drum*

Thirty students led by Mr. Murphy and three other chaperones spent five days at Indralaya, a Theosophical Camp on Orcas Island. Many students signed up to enjoy the beautiful scenery of the San Juan Islands and enjoy the outdoors, but they gained much more. On the



Emily Lang and Christine Gordon with drums

Friday before Focus Week officially started, they drove to the ferry terminal in Anacortes where they caught a ferry to Orcas Island. Upon arrival, they carried their bags to their assigned cabins, mostly small two-person, one-room buildings with no heating save a wood stove. After unpacking they enjoyed a wonderful dinner, then met at the campfire where they were introduced to master storyteller, Danny Deardorf, and his apprentice, Sean. Danny shared a Norse tribal tale of the creation of the world that emphasized the unity of all things on Earth. This concept became the underlying theme of the students' experience. The following day, under the guidance of professional drum maker, Ben Dennis, they tried to understand some of the experiences of their ancestors as they took wooden rings and a portion of the hide of an elk and made their own drums, an intricate and often frustrating process. That evening, they heard another tale of unity and connection as they sat around the campfire.



ICS students carving beaters for their drums.

In the following days, many students attempted the art of woodcarving, producing beaters for their drums, or tried their hand at the delicate process of fashioning dream catchers. With all these experiences, they still had plenty of time to enjoy the

San Juans' unique environment. Many students wandered the numerous paths on the grounds of Indralaya. A particular highlight was exploring its two beaches with University of Washington Marine Biologist Lisbeth Francis during one of the lowest tides of the year. They also hiked around a lake on the slope of Mt. Constitution and took a whale-watching trip. As they boarded the ferry on their trip home, many students were anxious to return to the comforts of their centrally heated homes, but they brought back a feeling of accomplishment.

### **ICS takes a bite out of the Big Apple**

Mr. Plank and his Focus Week participants spent five, jam-packed days in New York City, each precisely planned and organized by Junior Tours. NBC Studios, the Empire State Building, Times Square, the Statue of Liberty, Central Park, Planet Hollywood—you name it, they did it! To the delight of the girls, they even managed to squeeze in sufficient shopping time to buy designer knockoffs and souvenirs. They saw *Chicago* and *Phantom of the Opera* on Broadway, both of which were truly amazing, and visited Harlem, an incredible center of African American culture and home of the famous Apollo Theater. The Metropolitan Museum of Art, The Museum of Natural History, and the United Nations provided ample educational value. On an appropriately dismal and overcast afternoon, Mr. Plank took the students to Ground Zero to pay tribute to the lives of America's heroes that were lost. A memorial is currently under construction. For those of you who have never gotten a chance to experience New York City, the students most definitely recommend this trip, and for those of us who have visited before, there is always more to explore. All in all a fabulous trip; thanks Mr. Plank!

### **Independent explorations**

A number of ICS students, with the help of their families, created their own Focus Week activities.

Yling Miller visited Spain with her parents. It was a wonderful opportunity to practice her Spanish and experience the culture. Highlights included Granada and Alhambra, the most famous Moorish palace of



Yling Miller and Mireia Bofill in front of the Guggenheim Museum in Bilbao, Spain.

Spain; the island of Mallorca where Chopin lived; the Guggenheim in Bilbao; Picasso's *Guernica* and works by Goya in Madrid; and art and architecture in Barcelona. The family also visited Mireia Bofill (who attended ICS) and her family in Barcelona, as well as family friends in Madrid, which made the trip extra special. Yling, a pianist, was particularly taken with Mallorca because Frederic Chopin spent a winter on the island in a monastery named La Cartuja in Valldemosa. The Millers had the great fortune to attend a live piano performance of an all-Chopin program there. They talked with the pianist afterwards and when he heard that Yling was a pianist as well, he asked her to play for him. This proved another highlight as he said she played with much heart and passion.

### **Student climbers test brawn and brain**

Even though this focus week option was not one of the overnight choices, everyone who went ended up having a lot of fun. The participants met at school every morning, where they started out with stretching/warm-up exercises and some breakfast. Then, parent volunteers drove them to Vertical World, where they enjoyed a mixture of free climbing and classes. Over the course of the week they learned the basics of rock climbing: bouldering, tying themselves into their harnesses, and belaying. Learning these climbing essentials not only gave them a strong foundation on which to improve their skills, but also taught them to trust themselves and each other. For example, as a belayer you hold your partner's life in your hands; this requires confidence in oneself and a partner's trust in one's skills. In addition, they found that rock



Eric Ewing tests new skills at Vertical World.

## More ICS Students Compete and Triumph

### Reflections

This PTSA-sponsored competition is for students interested in self-expression. This year's theme was "Signs of Courage." ICS had 18 entries, with 14 students participating under the supervision of parent volunteer, Heidi Geiger. The entries were in art, music, literature, and photography. Their work was displayed at the December parent meeting and later showcased around the front office before being exhibited at the Lake Washington School District office. In January, the district had an art-walk featuring over 767 entries from all the schools in the district. Seven ICS students received awards at the district level and the 1st- and 2nd-place winners went on to compete at the state level.

Regional winners included:

**Gen Kim** -1st place, music

**Anders Eliassen** -1st place photography

**Anisha Gulabani** -2nd place, literature

**Sojung Yi** -honorable mention, literature

**Kimberly Fulton** - honorable mention, visual arts

**Anna Ivanov** -honorable mention, visual arts

At the state level:

**Anders Eliassen** received an Honorable Mention, photography

Next year's theme will be *"I am really happy when..."*



### ICS Chess Club

According to its "proud papa" Mr. Over, the chess club continues to grow. "Chess is another way to stretch ourselves as we enjoy each other's company. I hope everyone is as glad as I am that ICS has a chess program, the only one I know of in the Lake Washington School District." He also thanks parent volunteer Mr. On Lee, a chess expert who has taken over coaching.

The ICS Chess Team finished the regular season in second place in the King County League, defeating such powerhouse teams as Mercer Island High School and Overlake School. This strong finish enabled them to go to State, where they finished in the top half of the high schools! The top players are **Ivan Lee**, **Yling Miller**, **Joel Poncz**, **Joe Jennings**, **Anthony Cutler**, **Simon Gordon** and **Ray Horton**. Mr. Over hopes to expand the club so that ICS can field more than one team at tournaments next year.

### Math competitions

This year, ICS math students have participated in the Overlake Math Olympiad, Washington State Math Olympiad, MathCounts, Math League, Math is Cool, Math Club, and Washington State Math Championship. ICS parents, and one current ICS senior, Christoph Rau, volunteer their time, oversee, and coach these activities. On March 22, over 1800 students (grades 5-8) met in Blaine for the annual Math Championship. The competition featured both team and individual heats; teams competed in mental math, geometry, algebra, probability and statistics. Individual winners at the 7th grade level were **Laszlo Lovasz** 1st place; **Sojung Yi**, 7th place; and **Matthew Zhou** 10th place. And 7th and 8th grade teams placed in the top fifteen.

The WA State Math Olympiad is the other big statewide event held simultaneously at nine different locations in WA State. This year, all participating ICS teams achieved top results in this event, receiving excellent and superior ratings. The ICS Math team, managed by **Christoph Rau**, took 1st place on April 22 in the Lake Washington Math Olympiad with 250 points higher than the 2nd place team, and won four out of six individual events as well.

Under the guidance of volunteer math coaches Erika French and Kati Vesztergombi, ICS students also took part in Math League; Math is Cool and Math Counts. This is the first year ICS participated in Math League, a fun, low-key event. Students from schools around the nation take the same 30-minute exam on the same day at their own school. Then the top five individual scores are totaled to obtain the team score. ICS 7th grade placed third and the 8th grade placed sixth! The Math is Cool competition consists of three regional competitions throughout the state. Since both ICS teams were among the top four teams we will be sending a 7th and an 8th grade team of four students each to compete in Spokane. An ICS 7th grade team placed fifth at the state level in MathCounts (after winning the regional competition). This is a tough competition of mostly 8th grade teams sponsored by professional engineers. **Laszlo Lovasz** placed fifth individually as well and is first alternate for the Math Counts National Competition in Chicago May 9. The toughest riddle now is how many competitions should a math lover choose?

### ***Destination ImagiNation***

As stated in a national news release: “They Don’t Follow the Leader, They Think Outside the Box, and They Can Build Anything with Wood and Duct Tape” There are more than 200,000 children around the world who are participating in Destination ImagiNation, the world’s largest creativity and problem-solving program. More than 8,000 of them will be in Knoxville, Tennessee this May 21-24 for Global Finals, demonstrating their solutions to the Destination ImagiNation “Team Challenges” that range from technical or mechanical to historical and theatrical. Teams from across the world, including the first-ever Israeli teams, will spend four days in tournaments.

Every year ICS students have been on teams that have gone on to state and then on to world competitions. Teams of seven students are made up not only of ICS students but also of other Lake Washington School

District students. For instance sophomore **Lindsey Robertson** is on a team with six other students from other high schools, as is 9th grader **Lia Heilman**. We have four 8th graders including **Ryan Robertson**, **Sang-Hee Min**, **Ulysses Lin** and **Lindsay Smith** teamed with students from RJH. Teams are issued challenges months in advance and solutions will feature one prominent task, such as building a load-bearing structure, creating a vehicle, writing a performance piece or exploring history. Good luck to ICS students in Knoxville!

### ***Solo Ensemble Festival***

This competition is held at both the junior and senior high school levels every year in February-March. Once again, the judges chose ICS senior

**Lianna Wood** as the top cello player in our region. Thus, she will be

representing ICS at State finals for the third straight year. Students participating in the junior high division competing March 22

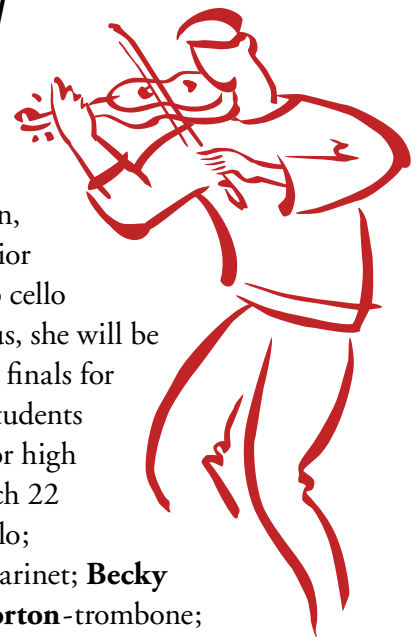
were: **Korry Ogami**—cello;

**Kayla Jan**—piano and clarinet; **Becky**

**Tzucker**—piano; **Ray Horton**—trombone;

**Veronica Macalinao**—clarinet; **Denny Luan**—saxophone.

The following students competed in the high school division on February 8: **Samantha Wong**—piano; **Colin Wood**—piano; **Kaitlin Chapman**—violin; **Rosanne Garcia**—violin; **Lianna Wood**—cello; **Debbie Thurtle**—cello; **Allison Strother**—flute. The professional judges have given all ICS students superior and excellent marks at the competitions. Congratulations to all of these fine musicians. These students work under the direction of Michael Chapin. Thanks to parent Karen Chapman for all of her passionate support.



Focus Week, Continued from page 5

climbing isn't just a brainless exercise; it requires more brains than brawn, since one is constantly considering all possible options for handholds and footholds. At the end of each day's climbing session, parent drivers drove the students to an eatery, like Starbucks or Emerald City Smoothies, for snacks. Then they headed back to school. But, of course, no school-related activity is complete without a test. Students were tested at the end of the week and the top scorers received free passes to Vertical World.

### ***Golfing around the Puget Sound***

"Ahh shoot, that's triple bogie!" This phrase was probably the one most often used during Mr. Ivy's golfing Focus Week. However, "triple bogies" did not stop the group of about 22 students and parent volunteers from having a fantastic time. They spent their first three days at Kayak Point golf course in Everett and their first two mornings relearning the basics and honing skills on the range and putting courses. In the afternoons, they played nine holes of golf, which proved very... um... amusing. On Thursday, they traveled to the Port Ludlow Golf Resort on the Olympic Peninsula. This involved taking a ferry which was fun for all involved. After assembling at the course, they had a great time while learning some chipping and watching a raccoon who seemed a bit

threatened by their presence. Also, most will agree that the hotdogs at this particular place hold the title for best hotdogs of any golfing establishment. On Friday they headed up to the Avalon golf course in Burlington, which they expected to be a bit of a break from the hilly courses they had played previously in the week. Unfortunately though, what the course lacked in steep hills it made up for by in difficulty.. When asked how he was doing on the course that day, Mr. Ivy responded with a gruff mumble and continued to walk into the woods, presumably in search of his lost ball. Despite these few trying occurrences, Focus Week was a great experience and all who participated had a terrific time playing some of the best public courses in the Puget Sound area.

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