

# The GOVERNOR'S INSTITUTEs of VERMONT



## 2012 Achievements

### Enrollment:

Summer: 374  
Winter: 80  
Total: 454

### Student Demographics:

52% female, 48% male

### Number of Institutes: 8

### Institute Topics:

Arts, Asian Cultures, Current Issues and Youth Activism, Engineering, Information Technology, Math, Environmental Science and Technology, and Interdisciplinary Winter Weekend.

### Referring Schools:

65 Vermont high schools, 6 other schools (VT residents), and 4 homeschoools.

### Scholarships:

157 students received need-based aid; 46 received EPSCoR incentive grants.

### Scholarship Total: \$130,026

### Average Scholarship: \$677

### College Campuses: 5

Castleton State College, Champlain College, School for International Training, Goddard College, and University of Vermont

### Governor's Schools:

Offered in 25 states. For more information: [www.ncogs.org](http://www.ncogs.org)

### Governor's Schools in New England: 1 (Vermont)

## Strengthening the GIV-College Bond

### College credits & scholarships add to long-term benefits for GIV graduates

For many years, GIV students have crammed a semester's worth of transformational learning into one or two intensive weeks. Their elective study and hard work has paid off in greater self-confidence, newfound skills, and a network of peer achievers to support and inspire their academic and creative pursuits.

Starting in 2012, students' elective work over the summer began producing even greater benefits, as GIV's Asian Cultures Institute became the first to award three UVM college credits. By summer 2013, two more GIV Institutes will allow students to earn credits for having more fun learning than they ever thought possible.

In addition, **Marlboro College** has become the first Vermont college to offer \$5,000 scholarships, not only to graduates of GIV, but to graduates of any Governor's School in the country. Says Marlboro president Ellen Lovell, a GIV founder, "*GIV graduates are some of the brightest and most creative and motivated students in our state. Their Governor's Institute experience has shown them what it's like to be part of a close-knit, high-achieving academic community.*" GIV thanks Ellen and Marlboro for its confidence in and support for our youth.

## Calling All 1982-2005 Alumni: Giant GIV Survey Needs You!

GIV is getting a rare chance to reach out to our alumni to find out how GIV influences people's lives and careers. Thanks to the Bay and Paul Foundations and the Henderson Foundation, a survey is available at [www.giv.org/survey](http://www.giv.org/survey). Parents, we want to hear from you too! Please visit our parent survey at [www.giv.org/parentsurvey](http://www.giv.org/parentsurvey). Survey results will go to legislators, educators and others who are interested in helping talented students succeed.



### What's Up with Winter Weekend? See Page 8

# The GOVERNOR'S INSTITUTES of VERMONT

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and Jeff Dinitz  
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Technology: Paul Bierman and  
Christine Massey

*"I was blown away by how fun it was, how much I learned, the amount of hands-on experience, and the knowledge and prestige of the guest speakers... GIV was one of the best learning experiences of my life, and I feel much better prepared for college, and for life."*

—Steven Bruley,  
Engineering 2012



## Dear Friends of GIV –

It's been another year of powerful, exhilarating educational experiences for Vermont teens and we're extremely proud of the 454 teenagers who chose to study, discover, laugh, and prepare for their futures with GIV this year. Kudos and thank you to the extraordinary faculty, staff and volunteers who created and delivered these extraordinary opportunities for young Vermonters – and to you, our donors and collaborators who make it all possible.

Each year nearly 2% of all Vermont high school students enjoy the life-affirming, transformational experience of a Governor's Institute. But don't many more of Vermont's students deserve the opportunity to stretch themselves in such a uniquely supportive, effective learning environment?

We think so, and have set ourselves a galvanizing set of challenges for the next few years. We're aiming to double the number of Vermont students we serve, welcome youth from every town and economic background, and be a strong and vocal advocate for Vermont's brightest students. We aspire to offer outstanding curriculum and faculty and ensure that students are gaining confidence, new horizons, and 21st century skills, all while they make friends and have the time of their lives.

To reach these ambitious goals will require the collaboration and support of many individuals and agencies. We very much hope that you will consider this your invitation to get involved and help GIV shape a brighter future for Vermont's youth.

GIV's Board of Trustees has worked passionately to shape this vision, and we cannot thank them enough for their remarkable contributions which have shaped GIV for today and tomorrow. Departing Board Chair Stephanie Greene and Strategic Planning lead Wendy Cohen deserve special thanks for having moved mountains on behalf of GIV. We also say a sad goodbye to Sigrid Lumbra and Linda Waite-Simpson, and welcome Chip Evans, Nancy Burzon, Woody Woodworth, and Andrea Diehl aboard to help us usher in this new era.

Enjoy this annual report full of the inspiring stories that GIV generates - and remember, it's all about the young people, and it's all thanks to you.

Sincerely,

Robert Turnau  
GIV Board Chair

Karen Taylor Mitchell  
Executive Director

P.S. GIV is holding two Winter Weekends this coming February to accommodate more students. See page 8 for more information and tell every teen you know to apply!

## 2012 Students Hailed from...

BFA - Fairfax  
BFA - St. Albans  
Black River UHS  
Brattleboro UHS  
Burlington High School  
Burlington Technical  
Center  
Burr and Burton  
Academy  
Cabot School  
Canaan High School  
Champlain Valley UHS  
Colchester High School  
Compass School  
Craftsbury Academy  
Essex High School  
Green Mountain  
Valley School

Green Mountain UHS  
Hanover High School  
Hartford High School  
Harwood UHS  
Hazen Union School  
Lake Region UHS  
Lamoille Union High  
Leland & Gray High  
Long Trail School  
Lyndon Institute  
Middlebury UHS  
Mill River High School  
Milton High School  
Missisquoi Valley UHS  
Montpelier High School  
Mt. Abraham UHS  
Mt. Anthony UHS  
Mt. Mansfield UHS

North Branch High  
North Country UHS  
Northfield High School  
Otter Valley UHS  
Oxbow High School  
Patricia Hannaford  
Career Center  
Peoples Academy  
Poultney High School  
Randolph UHS  
Rice Memorial High  
Richford Jr/Sr High  
Rivendell Academy  
Rutland High School  
Sharon Academy  
South Burlington  
High School  
South Royalton High

Spaulding High School  
Springfield High School  
St. Johnsbury Academy  
Stafford Technical Center  
Stowe High School  
Thetford Academy  
Twin Valley High School  
Twinfield High School  
U-32 High School  
Vergennes UHS  
Vermont Commons  
Whitcomb Jr/Sr High  
Williamstown High  
Windsor High School  
Winooski High School  
Woodstock UHS



# Institute Briefs



## Engineering

Sand and water taught invaluable lessons about structure, stability, and mathematical ratios in this year's Engineering Institute. The sand arch building competition at North Beach (a perennial highlight for many generations of GIV-ers) returned, flanked by the reappearance of the high power air cannon and student presentations of their team projects at the University Mall.

Thanks to the talented Institute leadership trio of Dawn Densmore and Tom and Beth Tailer, scholars this year could choose between seven distinct engineering fields to concentrate in, including aeronautics, robotics, electrical engineering, and biomass energy systems. Within each thread, students were challenged to use their talents and newfound skills to solve social or environmental problems.

The design engineering group embraced a particularly moving challenge - designing assistive cooking technologies for blind people. UVM School Business School lecturer Marti Woodman shared her experience with vision loss, and within the week design team members had invented not one, but five effective devices to allow blind cooks to measure hot ingredients.

Scholars were treated to a lecture about self-healing robots from internationally known engineer Dr. Josh Bongard and completed and presented their own technocratic oaths. Reported one student: *"The week was filled with exciting projects and great presentations"*. Another student told us, *"Not only did GIV teach me many new engineering concepts and inspire me to make new things, but it helped me to determine what I want to do in life. It helped me decide what I need to do to change the world."*

In October, several GIV graduates traveled to Argentina as members of the International Earth Science Olympiad team. Read about their trip on page 10.



*"GIV really helped me to plunge into the world of Engineering and made me think about potential career paths in this field!"*

Alexandra Stetter,  
Engineering 2012

## GIV by the Numbers 2012

**Total 2012 Budget**  
\$876,350

**Department of Education contribution**  
\$192,654

**Schools' Financial Involvement**  
All participating schools contribute a fee which amounts to 5 percent of GIV's budget. 9 schools also covered some or all of their student's tuition.

**Tuition Received**  
\$236,755

**Donated Scholarships and Funds**  
\$193,017

**Inkind Donations**  
\$103,803

**Scholarships Awarded to Students in Need**  
\$113,678

**% of Financial Aid Awarded Based on Need**  
87%

### Honorary & Memorial Funds

- Sam Maltese Memorial Scholarship
- Donny Osman Arts Scholarship
- Jean Olson Recognition Fund
- Jay Hathaway Memorial Fund



## Arts

Latin rhythms, stone carving, improv show, oh my! The Governor's Institute on the Arts provided a buffet of inspiration for 128 young artists this year, with 26 in-depth courses ranging from printmaking and bookbinding to choreography and slam poetry at the heart of a two-week artistic feast. As one student confided, *"I knew that there was going to be a lot of art there; what I wasn't expecting was to have an abnormally large smile on my face for two weeks straight."*

Collaboration took center stage as a creative fashion show combined original jewelry design and theater production into a dramatic black box installation, while budding writers and actors explored how characters are developed in the Character Lab and young instrumentalists edged into improvising parts for the first time. Workshops ranging from African dancing to the history of silent films – some offered by students themselves – punctuated days, while evenings brought national touring artists such as Sierra Leone's Refugee All-Stars for a private performance and master class on professional artistry, as well as over 100 faculty and student performances.

Students once again made the traditional 4<sup>th</sup> of July parade a feast of the senses for the Castleton community, with giant puppets, samba music and original dance, and created a four-hour final extravaganza for parents and friends. Throughout it all, Institute Director Elizabeth Frascoia '94 and her team wove threads of community and context which empowered graduates to take their newfound artistic confidence back to make a difference in their own communities.

*"It turns out that being part of the Institute was an important formative experience for me. I learned how to collect scientific data in the field, got to operate a scanning electron microscope, organize and display data in charts in Excel, create presentations in PowerPoint (all for the first time!) and I learned about the joy of simply working outdoors in special places."*

–Ryan Frazer,  
2002 graduate



## Environmental Science and Technology

Twenty-four young people explored their potential futures as scientists by using cutting edge technologies to probe the mysteries of air, soil, and water pollution at the Governor's Institute on Environmental Science and Technology.

Local streams and urban balconies were among the sites where young scientists gathered clues towards solving real-life environmental health issues. Heading into the laboratory, they used data from UVM's scanning electron microscope and other scientific equipment to create professional-quality presentations about the health of Vermont's air, soil and waterways. Evenings, Institute leaders Christine Massey, Paul Bierman, Heidi Hales, and Kristin Wolf joined grad students in leading discussions on diverse global scientific issues, and guest professionals shared insights on an extraordinary variety of scientific careers.

With swimming and student presentations rounding out a robust week of scientific immersion, one graduating student happily told us *"GIV strengthened my passion for the environment and how it works, plus reinforced life skills like working hard and getting along with all types of people."*





## Information Technology



How do you make the world a better place with IT? Forty-four young Vermonters used their newfound technology skills to answer just that question at this year's GIV Information Technology extravaganza.

Digital animation, game design, website construction, object-oriented programming, flash, and video production were among the tasty tidbits enjoyed by students hungry for accelerated IT skills. An intensive eight days of discovery and skill-building led to self-selected student teams creating sophisticated multimedia responses to pressing social problems. Impressive collaborations ranged from an interactive digital maze teaching healthy eating lessons to an inspired zombie-invasion website that gave important messages about vaccines and social inequities.

Impromptu student- and faculty-led workshops enriched the curriculum with topics like sound design, Morse code, C++, 3D game engines, and Dungeons and Dragons. New Institute Director Coberlin Brownell introduced a guided tour of Dealer.com that showcased a variety of technology careers and carried on Institute traditions like a beach afternoon, mini-golf, and a talent show. *"Not only was my time at GIV enjoyable,"* one participant told us, *"it gave me some experience in potential career paths in game design, filmmaking and animation. I already had an interest in this area, but GIV has given me a better idea of what a job in this field would be like."*

In 2013, GIV IT will add new a focus strand in programming and cybersecurity as well as advanced webistry and game design. Learn more at [www.giv.org/institutes/it](http://www.giv.org/institutes/it).



## Current Issues and Youth Activism

Caring turned into leadership this year at the Current Issues and Youth Activism Institute, where fifty-two young Vermonters learned, dialogued, and gained perspective alongside young people from Turkey, Israel, Germany and Ireland. "What major issues do young people like us face around the world?" "What is the role of money in American politics?" "How do I become an effective leader for social change?" are just a few of the questions students grappled with on the beautiful campus of Brattleboro's School for International Training.

From international news such as the Egyptian revolution to local issues like food security, young participants at the CIYA Institute practiced in-depth analysis, thinking critically, framing issues and engaging peer support. Legislators from both parties conducted a panel and q&a on "Vermont's most important challenges" and students explored different forums for political conversation ranging from a UN simulation to the Brattleboro 4th of July parade. During spare time, junior faculty and students stepped up to offer "Wisdom Trees" on everything from juggling to Irish slang, interspersed by swimming holes, volleyball, contra dancing, and good-natured spontaneous debates.

Says one young Vermonter, *"Being in such a concentrated group of motivated and caring people gave me hope that we can change this world for the better."*

*"I had lots of fun learning how to write in different languages of code and animate in two and three dimensions."*

—Peter Nasca, IT 2012



Vermont Public Radio did a feature story on this summer's Current Issues Institute. Listen at [www.vpr.net/news\\_detail/95095/governors-institutes-give-teens-chance-to-dig-deep/](http://www.vpr.net/news_detail/95095/governors-institutes-give-teens-chance-to-dig-deep/)





## $\pi$ Mathematical Sciences

Every year the best math students in Vermont convene at the Governor's Institutes to solve challenging problems and to hear about cutting edge research and applications in the field of Mathematics. In the 2012 Math Institute, classes spanned the Mathematics of Cryptography, Robotics, Chaos and Fractals. Students cracked codes with a virtual enigma machine, designed software to create a robot that adapts to its environment, pondered the different flavors of infinity, and explored the physics of *oobleck* in the lab.

Between classes, in the evenings, and even during meals, students played fast-paced card games, posed riddles and solved math puzzles. At a career night, students quizzed academic and professional role models about career options in math. An ice cream social, a beach afternoon, and the Math Amazing Race rounded out a week of enjoying the coolness of math that participants will never forget.

Co-directors Sheila Weaver and Jeff Dinitz thoroughly enjoyed the enthusiasm of these scholars. Reported co-director Sheila Weaver, "This year's group was especially engaged and energized, and I have bright hopes for their mathematical futures." The Governor's Institute on Math was honored this year to receive a competitive grant from the American Mathematical Society to continue its outstanding development of young math scholars.

*"I think that every student should go to the Governor's Institute!"*

-Sara Ogorzalek,  
Math 2012

*"A lot was packed into that week, and when I left, I felt like Asia was no longer a world away."*

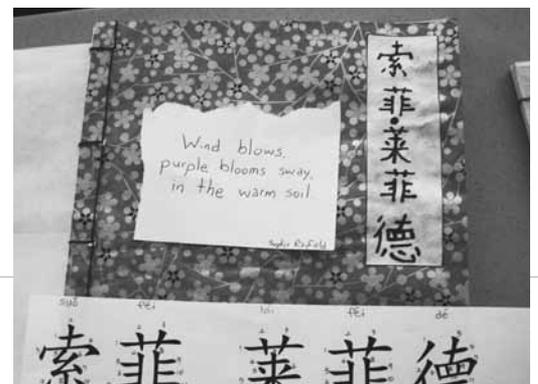
-Emily Hamlin,  
Asian Cultures 2012

## Asian Cultures

What if you could immerse yourself in another culture, just for one week? Young Vermonters had the opportunity to do just that during this summer's Asian Cultures Institute. And for the first time, they earned three UVM college credits for their studies, with another three waiting as they advance in their post-GIV studies.

Delving into Chinese and Japanese languages, cultural practices like the traditional dancing of ethnic minorities, Japanese printmaking and Tai Chi, and the complexities of Asian history, seventeen young people came together on UVM's campus to discover a world they don't encounter in their high school history classes. Led by Institute Director Brian Nelligan and Program Lead Grady Long under the auspices of the Freeman Foundation and the UVM Asian Studies Outreach Program, the Governor's scholars studied Confucius, role-played the difference between being a tourist and a traveler, and tasted their ways through at least five culinary traditions.

Students were energized not only by the subjects they learned but by the multifaceted curriculum and the excitement of their peers. As one student said, "I've always been intrigued by Asian cultures and I thought I knew a lot about them. This week showed me that I have only begun to scratch the surface... The subject materials, other participants, instructors, and counselors made the week a wonderful, fun-filled and educational experience."



# Thank you!



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Brattleboro High School  
Canaan High School  
Craftsbury Academy  
Franklin Supervisory Union  
Lamoille Union High School  
Lyndon Institute  
Mill River  
North Country High School  
Poultney High School

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Teresa Tallagnon  
Amanda Ukasick  
Sam Maltese Scholarship:  
Morgan Vaudrien  
Donny Osman Scholarship:  
Ira Wickwire-George  
AMS/Ky and Yu Fen Fan Scholarship:  
Matt Ellison

*"Words cannot even begin to describe how grateful I am for the scholarship I received. I had an incredible and life-changing Governor's Institute experience."  
-2012 Arts participant*



Alumnus Profile:  
Muhammet Barut '11 & '12

## Young Alum Spreads the Word about GIV

He's engaged and concentrated, whether creating a prototype to produce wind energy or using his programming skills to create a video game. But what sets Muhammet apart is not his dedication or skills, but the enthusiasm he brings to GIV. After his experience at GIV Engineering in 2011, Muhammet told friends and others at Essex High School about GIV- and almost a dozen of them applied! Many students cited Muhammet's love of GIV in their own applications. It is students like Muhammet, a former refugee, who bring a diverse array of students to GIV through word of mouth. His experiences living in refugee camps in Kosovo and Serbia allowed him to develop a gift for connecting with people from all walks of life.

Says Muhammet: *"I like how GIV brings different minds together and make them work with each other as a team and come up with great things."*

After his exploration through GIV, Muhammet is excited about learning. He plans to study engineering and technology in college, applying the skills he gained from GIV *"to put things that I have learned to use to change the world in a good way."* And because of him, many more students know about GIV and the ripples of change are going further.

*"I am grateful to GIV for helping me to realize what I love and what I want to do with the rest of my life."*

– Natalie May, 2012  
Env. Sci and Tech

## Making GIV More Accessible for Everyone

by Annie Schneider



*"As the new Americorps\*VISTA Volunteer dedicated to diversity outreach at GIV, my first mission was to discern which populations GIV might be not reaching and figure out how to change that. GIV's goal, and my charge, is making sure that all Vermont students have access to the opportunities offered by GIV, regardless of income, geographic location, or other factors. To this end, I've worked with other GIV staff to make the recruitment and application process more accessible, raised funds for scholarships for more GIV students, begun partnerships with other organizations across the state, and undertaken data collection about the students we serve."*

*"As a high school student out of state, I attended a program similar to GIV, and it changed the direction of my education and career focus. When I moved to Vermont after college, I found out about GIV and the amazing work it does. I wanted students like me who come from disadvantaged backgrounds to be able to have the same life-changing experience I did. I love serving at GIV because I feel able to effect real change and work towards making the education system more equal."*

*"Going forward, GIV plans to expand our geographic diversity - although we have had a good representation of students from every county, we want students in the southwest and northeast parts of Vermont to participate at equal rates with their peers in more affluent counties. GIV thanks the Corporation for National and Community Service, the SerVermont Americorps\*VISTA program, and many private donors for funding and supporting this vital work."*

## GIV is Pleased to Introduce ...

two new additions to GIV headquarters. Colchester native **Shelby Sorrentino** is our terrific new office manager and the primary contact for schools, parents and students during the recruitment season. **Erika Nichols**, our new development associate, is a graduate of GIV Current Issues '05 and a prolific writer who is the driving force behind the Burlington Writer's Workshop's upcoming first anthology (<http://www.facebook.com/pages/Burlington-Writers-Workshop/172957722748225?fref=ts>). See their bios at [www.giv.org](http://www.giv.org).

## About Our New Sliding Scale Tuition

GIV has always been dedicated to being affordable for all Vermont families. In 2012 over 50% of our students qualified for scholarship assistance. In 2013, we'll be taking the next step towards universal accessibility by switching to a sliding scale tuition model. Donations to GIV will reduce tuition for needy students, helping to ensure that every young person can afford to attend. See more details on our website at [www.giv.org/applynow/tuition](http://www.giv.org/applynow/tuition).

# 2013

## Winter Weekend x 2!

*In 2012, GIV's Winter Weekend at Goddard College overflowed with hopeful applicants and we were forced to turn eager learners away – so for 2013, we have launched a second happening for this popular event! February 15-17th, a whole new Winter Weekend gets started at Marlboro College with two all-new subject areas. We're working hard on firming up details as this newsletter goes to press, so see our website, [www.giv.org/winter](http://www.giv.org/winter), for updates. And don't forget to apply early in December – we expect both events to fill up!*



# What's Happening in the GIV Community

## Alumni News

1990

**Erica Campbell**, Sci-Tech, studied human ecology in college and earned her masters in Community Development and Applied Economics at UVM. She is the Farm to Plate Program Director at the Vermont Sustainable Jobs Fund.

1991

**Lisa (Miller) Emerson**, Arts, graduated from St. Johnsbury Academy and earned an art degree at UVM. She married her husband Eli, an attorney at Primmer, Piper, Eggleston & Cramer, in 2002 and now teaches K-8 and is a Board member at Catamount Arts.

1994

**Elizabeth (Dotson-Westphalen) Frascoia**, Arts, current director of the Governor's Institute on the Arts, appeared on American Idol this spring, backing up several finalists on trombone. She works in NYC and Los Angeles as a freelance singer, trombonist, songwriter, arranger, and educator.

1996

**Chris Saunders**, Sci-Tech, is a Congressional staffer in the Vermont office of Senator Leahy.

1998

**Tim Patterson**, Asian Cultures, is Director of Advancement at Sterling College in Craftsbury, VT.

**Richard Saudek Jr.**, CIYA/Winter 97, received great reviews in the New York Times for his acting performing in *pool (no water)*, an ensemble piece with the One Year Lease theater company.

2001

After four years leading wilderness adventure trips, working for NOLS, being a ski instructor for people with disabilities, and working with kids/adults with special needs in Jackson Hole, WY, **Gillian Butsch**, Sci-Tech, is preparing to begin her doctorate in Physical Therapy at the University of Montana.

2002

**Ryan Frazer**, Sci-Tech, majored in geology at Pomona College and is finishing up his Master's in geological sciences at University of North Carolina, with field work in the Sierra Nevada near Yosemite National Park.

**Ethan Snyder** (Arts, Weekend) is a professional musician living in Baltimore.

2003

**Hillary Gerardi**, CIYA, is living and teaching school in Grenoble, France.

**Alex Hango**, Engineering, received his Bachelor of Science in civil engineering with a concentration in structural and construction engineering management from Clarkson University and is employed by PC Construction.

**Brittney Huntington**, Sci-Tech, is a doctoral Student in educational psychology at Fordham University.

**Marie Longnecker**, Sci-Tech/Asian Cultures, 2004 is married, living in London, and working at the Kew Royal Botanical Gardens.

**Lauren Parker Malenke**, Arts, completed several novels and is finishing vet school in Colorado.

2004

**Jacob Miller**, Engineering/Math 2006, graduated from Olin College in Massachusetts and is a physics graduate student at the University of New Mexico, working toward his Ph.D.

2005

**Caroline Bright**, CIYA, vied for the Vermont legislature from Franklin County. A St. Michael's College graduate, she served as Miss Vermont in 2010 and is the Co-Director for the American Legion Auxiliary Green Mountain Girls State.

**Will Cobb**, Engineering, graduated from Norwich University with honors in Engineering and is a 2<sup>nd</sup> Lieutenant at Camp Lejuene, working as a supply officer for the 2<sup>nd</sup> marine tank battalion.

**Kelsey Goodson**, Sci-Tech, received her BS in environmental science and is teaching scuba in St. John while preparing to follow her father's footsteps to veterinary school.

**Erika Hango**, Engineering, received her Masters of Engineering in civil engineering from Rensselaer Polytechnic last year and is employed by TransSystems Corp.

**Evan Molina**, Engineering, was named Vermont's Student Engineer of the Year in 2010. He graduated from University of Vermont with a degree in mechanical engineering and now works with Boeing in Seattle.



**Erika Nichols**, CIYA, is GIV's newest HQ staff member! Read more on page 8.

**Karia Young-Eagle**, CIYA, graduated from UVM with honors and is working in Boston.

2006

**Sam Alpert**, Engineering, graduated from Case Western in summer 2012. Family in attendance included his grandfather David Binch, a former GIV Board member. Sam is pursuing a geology career.

**Colin Cavanaugh**, Engineering, will graduate in engineering from Clarkson University in December. He has competed nationally with the Clarkson robotics team and recently completed a co-op at Microstrain.

**Claire Malina**, Asian Cultures, was inspired by her GIV experience to live in a different country and become immersed in its culture. She spent her senior year of high school in France and is now a senior at UVM, majoring in French and minoring in art history.

**Sabrina Meyer**, CIYA, graduated from Holy Cross last year and has been working at her family business, Mary Meyer, prior to beginning graduate school in social work.

**Robert Sokolowski Jr.**, CIYA, graduated in May 2012 from UVM with a degree in economics and finance and moved to Dallas to enter the executive training program at Target.

2007

**Ethan Dreissigacker**, Engineering, is continuing his engineering studies at Dartmouth College.

**Christina Meyer**, IT, recently graduated from Champlain College with a marketing and web design major.

**Kate Sokolowski**, Asian Cultures, is studying illustration at the Pratt Institute and recently interned with a children's publishing company.



## GIV Alumni Engineer Environmental Solutions in Argentina

Seven GIV Engineering graduates served as international environmental problem-solvers and ambassadors of goodwill this fall when they traveled with chaperones Tom and Beth Tailer to Olavarria, Argentina, for the sixth annual International Earth Science Olympiad. Olavarria is very flat and prone to devastating flooding. Emily Campbell, Rebecca Behrens, Jacob Lisner, Guilio Salerno, Lindsay Lavee, Annika Norden, and Emily Mixon competed in real-life analysis of river, erosion and infrastructure damage data, and were evaluated on their individual knowledge and skills in the geosphere, hydrosphere, atmosphere and astronomy. Guilio Salerno of Johnson, VT won an individual Bronze medal and his team won best scientific presentation. The international assembly's top conclusion and mitigation recommendations were presented to the city's mayor for possible implementation.

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## New Sights and Old Traditions for GIV Scholars in China

Beijing, Kunming and Qufu became open-air classrooms for graduates of the 2011 GIAC Program last July. Their GIV learning and year-long independent study projects gave context as they visited the Great Wall, the Forbidden City, Tiananmen Square, the Temple of Heaven and the Summer Palace in Beijing. Next in Kunming they attended lectures at Yunnan University, saw the Stone Forest, and learned about the area's vast cultural diversity. In Qufu, GIV-ers studied Confucius in his hometown and the Confucian forest and plumbed the Buddhist caves of Jinan before returning to Beijing's Pearl Market. Thank you to faculty members Craig Divis, Maria Ung, and Brian Nelligan and to the UVM Asian Studies Outreach Program and the Freeman Foundation.

## Announcing the Walter Judge Jr. Scholarships for Young Artists

The Vermont Alliance for Arts Education has chosen to honor Walter Judge Jr. with scholarships for young artists to attend the Governor's Institute on the Arts in 2013 and 2014. Walter, a partner at Downs Rachlin Martin in Burlington, has been a passionate advocate for promoting arts education in the schools, serving on the VAAE Board since 2005. When VAAE closed in 2012, the Board elected to continue its mission of supporting young artists by making a grant to GIV that will provide eight scholarships in Walter's name. Walter in turn salutes the outstanding past directors of the VAAE and says "Hurrah! to the Governors Institutes for its great work."



# What's Happening in the GIV Community [continued]

2008

**Vasily McCausland**, IT, is now at Champlain College majoring in IT. His father reports that he fell in love with the college during his time at GIV.

**Ian Moldovan**, Engineering, is a junior at Clarkson University studying mechanical and aeronautical engineering.

2009

**Catherine Champney**, Asian Cultures, started at Binghamton University this fall.

**Ben Chapman**, Engineering, is at Olin College co-leading a team to design and build a working commercial-scale farm refrigerator out of recycled materials that consumes less than ten watts of power and costs less than \$1000. Visit <http://passiverefrigerator.wordpress.com>, to read more.

**Robert Meyer**, Sci-Tech, is studying psychology and kinesiology and earned his EMT certification.

2010

**Christopher Hango**, Engineering, is at Worcester Polytech majoring in chemical engineering and humanities/music.

**Evelyn Reed**, Engineering, is studying biology at Yale University.

**Heron Russell**, CIYA, spent the summer on a mountaintop as hut crew for the Appalachian Mountain Club and looks forward to being part of the SIT International Honors Program.

2011

**Chloe Myhre**, Arts, will be attending the Art Institute of Boston in the fall.

## Faculty Updates

### Information Technology

**Coberlin (Coby) Brownell** followed up his first year of leading a GIV Institute by taking on a full-time faculty role at Champlain College, marrying his long-time girlfriend Michelle, and adopting a puppy, all in the fall of 2012. He is expecting his first child in March 2013.

### Environmental Science and Technology

In August, **Paul Bierman** traveled to Australia to attend the International Geological Conference. Then he and **Christine Massey** went to Greenland to

survey beach deposits left behind as the Greenland Ice Sheet shrank and sea level rose about 11,000 years ago. Most recently they returned from a week of meetings about ice cores in the south of France; Paul says *"Those ice core scientists sure pick nice places to sit inside and listen to science!"*

**Caitlin Littlefield** is preparing to enter a PhD program in forest ecology.

### Engineering

**Dawn Densmore's** book entitled *Divine Encounters: The Reality of God, Angels & Demons* will be available on Amazon.com by December 15, 2012.

**Mike Rosen's** Advanced SketchPad for the Blind received funding and production has begun. It will be available for purchase beginning in 2013.

This summer, **Tom and Beth Tailer** completed the Eco-Freeze Project, an environmentally engineered, three-story walk-in cool storage area similar to ice houses in the past that will be used to store produce using approximately 3000 liter soda bottles. (Photos at <http://www.facebook.com/pages/Eco-freeze/264149873636626?fref=ts>). The Tailers are leading the planning for the 2014 International Earth Science Olympiad which will bring students from 30+ countries to Vermont to study and solve water-related engineering challenges. Bill McKibben has recently signed on as an IESO advisor.

### Arts

**Judy Dow** received part of a \$1.2 million grant from the National Science Foundation to the University of New Hampshire to combine art projects, traditional stories and writings with youth to document traditional land use practices throughout New England.

**Colleen Leonardi** served as assistant editor and helped to publish choreographer Susan Rethorst's book *A Choreographic Mind*, which thINKing Dance recently called, *".....the essential choreographer's companion for the 21st century."* Her next choreographic project involves cooking, writing and dancing.

**Woody Leslie** is in NYC teaching bookbinding, binding books on commission, and selling original books. His press One Page Productions appeared at the NY Art

Book Fair at in September and his website [OnePageProductions.com](http://OnePageProductions.com) features tiny books, book earrings, and more for purchase.

**Mark O'Maley** has been appointed assistant professor of theater & dance at Franklin Pierce University in New Hampshire. He's currently creating a performance installation *"Apart From Everything Else; This Is The Picture"* with movement artists and technicians from Cirque Du Soleil to be shown at Goddard College in February 2013.

**Verandah Porche** spent October traveling and writing in Catalonia and the Pyrenees. Her new collection of poems *Sudden Eden* will be published this fall by Verdant Books. She is working on a collection of patient narratives gathered during a two year residency at Springfield Medical Center.

This year **Samuel Rowlett** accepted a fulltime appointment as Assistant Professor of Art at Landmark College in Putney, Vermont, where he is heading up the drawing and design studio.

### Asian Cultures

After his year as a Fulbright Scholar in South Africa, **Craig Divis** has returned to Bellows Falls High School as Division Chair and social studies teacher.

**Jocelyn Fletcher Scheuch** is pursuing a Masters in curriculum and instruction at the University of Vermont while she continues to teach at Burlington High School.

**Grady Long** has moved with his wife Lisa and children Madeline and Henry to Columbiana, Ohio, where he is a social studies teacher at Crestview High School. He will continue to return to Vermont for GIV.

### Current Issues

**John Ungerleider** authored an article published in the last issue of *Conflict Resolution Quarterly* entitled "Structured Youth Dialogue to Empower Peacebuilding and Leadership". He has presented his co-opera on global climate change most recently at the Peace and Justice Studies Association conference at Tufts University and the Communicating Science conference at Antioch University New England.

**Take the GIV alumni survey  
and keep up with classmates' doings  
at [www.giv.org](http://www.giv.org).**

# The GOVERNOR'S INSTITUTEs of VERMONT

4049 Williston Road #4  
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[www.giv.org](http://www.giv.org)



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## 2013 GIV Summer and Winter Institutes

### INSTITUTE

Winter Weekend  
\*NEW\* Winter Weekend South  
Arts  
Asian Cultures  
Current Issues & Youth Activism  
Engineering  
Information Technology  
Mathematical Sciences  
Environmental Sci and Tech

### DATES

February 8 – 10  
February 15 – 17  
June 23 – July 7  
June 23 – June 29  
June 25 – July 6  
June 22 – June 29  
June 22 – June 30  
June 16 – June 21  
June 23 – June 29

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# The GOVERNOR'S INSTITUTEs of VERMONT

**Annual Update  
Fall 2012**



## Inside:

**New!** College credits  
for GIV grads

GIV unveils  
2<sup>nd</sup> Winter Weekend

Marlboro College announces  
\$5000 GIV scholarships

GIV Info Tech expands  
offerings for 2013

