

## WELCOME FROM SAS

We are excited that you are here, and it is our pleasure to host some of the finest students in the world. During GINSING 2012 we are excited to join you as you think about how we can collectively solve some of the world's most complex problems. It is our hope that your time here will be interesting, challenging, and empowering. We are excited about what is ahead for you.

The conference theme, Time to Act, Time to Change, couldn't be more appropriate. As a society, we are in the midst of unprecedented change. Our world is becoming more interconnected and interdependent, and the issues we face on the local, regional, and global level are complex and challenging. Today's students will inherit a world filled with uncertainty, and the issues you will address as leaders will be of a magnitude far beyond our current experience and understanding.

And while the solutions to the world's problems are neither quick nor easy, there is good reason for optimism and hope. With programs such as GIN and opportunities like GINSING 2012, our students are forming networks of problem-solvers to educate others about global issues. Students are taking on leadership roles that allow them to inspire others while gaining the skills they need to search for solutions. And, perhaps most importantly, through experiences such as GINSING 2012 we are encouraging and empowering students to act and make a difference in their world.

GIN conferences have continued to evolve since the first conference in 2003, and this year marks two important milestones. This is the first GIN conference with a separate venue for middle school students who will meet at UWCSEA while high schoolers will meet at SAS. In addition, we are expecting approximately 700 student delegates in total, which means that GINSING 2012 will be the largest GIN conference ever held.

With an eye toward the future, we look forward to the accomplishments of the GINSING 2012 conference delegates. We know that with your continued networking after the conference ends, these globally-aware citizens and leaders will be able to change the world for the better.

Best wishes and have a great conference!!

Sincerely,

**DR. CHIP KIMBALL**

Superintendent  
Singapore American School

**DR. TIM STUART**

High School Principal  
Singapore American School



### **MARTHA BEGAN**

We are delighted to co-host Global Issues Network Singapore with students and professionals from UWCSEA East. It should come as no surprise that one result of our multitude of activities has been a collaborative, respectful, cross-school culture. Student leaders and adults understood that the way to attain our ambitious goals of hosting a middle school conference within a high school conference on two different campuses, was to develop a culture across ages and schools in which we teamed up, banded together, pooled our resources, put our heads together and built our Singapore GIN Conference from the grassroots level up.

Numerous humanitarian and environmental experts will reinforce delegates' passions by providing case studies on how to practice solution-based action. Policy issues and conflicts that emerge in the real world will be explored through creative expression in support of non-violence at the Peace Concert. At the core, we designed specifically for teens a conference with ample opportunity to network together on global issues that GIN delegates expect. Delegates will benefit from interacting with one another in Global Action Network Groups (GANGs, new to GIN) to create Local Action Plans (LAPs) that are realistic, attainable and with maintained support of one another across East Asia through Trello, the project management and collaboration tool.

Daily life is filled with decisions large and small that affect our environment and society. The impact of human activity is wide-ranging and deep. Yet decisions about the environment, economics and society are not often easy or straightforward. As international educators, as students attending EARCOS schools throughout East Asia, and as people concerned about sustainability, our goal is to help today's youth prepare for the challenges they will face in the future.

### **TREENA CASEY**

It has been an enormous privilege to work with the tireless GINSING team of adults and students from UWC and SAS. This conference brings together dozens of schools and hundreds of students looking to work on sustainable action plans that will impact positively on the global issues that face our planet today – we have an incredible opportunity to make a difference!

### **STEVE EARLY**

This will be my fourth GIN conference, and now it is abundantly clear the amount of work that goes on behind the scenes to make a summit like this work. It's been a great pleasure working closely with students in the organization process over the last nine months, and I'm quite confident that our efforts will pay off with positive dividends for participants.

### **DIANNA PRATT AND LINDA TAN**

This is our first GIN conference and working together with the students and faculty on organizing this event has been a learning experience. We believe that from this interaction the conference will be life altering! We are happy to be a part of the "GIN movement!"

### **JAMIE ALARCON**

If our governments and traditional institutions were all as action-oriented, innovative, and forward-thinking as the students who drive GIN conferences around the world, well, there wouldn't be a need for GIN at all. It's time to act, time to change, and I have no doubt in my mind that Generation GIN can make it happen!



## WELCOME FROM UWCSEA EAST

Welcome to GINSING 2012!

It is with great pleasure that we welcome all delegates to GINSING, a Time to act, a time to change. The UWCSEA East leadership team and Global Issues Network team would like to welcome everyone and charge you with the great task of making this world a better place.

### MIKE JOHNSTON

MS Principal and conference organizing team

It does not matter what your talent is or where your passion lies, use it to make the world a better place. One small action is far better than one thousand big ideas.

### SKILLY (ANTHONY SKILLICORN)

Head of Global Concerns and Service High School and conference organizing team

It is only by turning your ideals into action that you will have the satisfaction of knowing that you are making the world a better place. You are in a position to act - please do so.

### MARGOT MARKS

You may think that it is a small thing that you do but to others it is huge. Helping people to move out of the poverty cycle and gain self respect, education, skills and values. You are making a difference to their lives!

### CLAIRE PSILLIDES

It is easy to think that because you are only 'small' and 'one' that what you do doesn't make an impact. It is even more amazing when you realise that this isn't so. The power of one can be awesome, and small action can be big.

### MARIO SAEZ

We must commit our efforts and passion to helping others who because of their circumstances can not help themselves. Seeing peoples' dignity and self-worth flourish is one of the most humbling and rewarding experiences you can ask for. Our actions may make a difference to few but that alone is worthwhile.



## KEYNOTE SPEAKERS



**SCOTT HAMMELL**

<http://www.scotthammell.com>

Magician, hypnotist, juggler prodigy, and escape artist—Scott Hammell is the extremely talented holder of three Guinness World Records. One of them, World's Highest Suspension Straight Jacket Escape, was achieved despite his fear of heights. His ability to combine social activism and the art of magic paved the way for him to become a media personality and motivational speaker—"Find your passion, and make it happen." When he became the first person to skydive while blindfolded and handcuffed, a group of students was inspired to raise \$8,500 to build a school in Ecuador. Ideal for student leadership and teenagers, Hammell will be our first and combined keynote speaker.



**JOHN WOOD**

<http://www.roomtoread.org/page.aspx?pid=226>

John Wood, founder and board co-chair of the non-profit global organization Room to Read and author of *Leaving Microsoft to Change the World: An Entrepreneur's Odyssey to Educate the World's Children*, received a bachelor's degree from the University of Chicago and a master's degree in business administration from Northwestern University. Prior to founding Room to Read, he worked at Microsoft for eight years as an executive. However, after a trek in the Himalayas where he witnessed the lack of educational resources, Wood was inspired to solicit book donations from family and friends. Subsequently, he returned to Nepal with 3,000 books and eventually left Microsoft to devote his efforts to Room to Read, which he founded in 2001. Since then, Room to Read has established over 1,600 schools and 13,500 libraries, distributed 11 million books, and published 707 local-language children's books—benefiting 6 million children to date. Room to Read continues to strive for a world in which all children can pursue a quality education, reach their full potential and contribute to their community and the world.



**EMANNUEL LAUMONIER**

<http://www.yayasan-emmanuel.org>

"It may be a 24-hour, thankless, non-paying job, but Emmanuel counts it all a joy." This is a man who, at a fresh age in his 30's, has settled down to dedicate himself to the orphans of Indonesia. Laumonier was an exemplary student, a high placer in the IB exams, a double major, and a three-year graduate. However, an IB social-based project steered him towards service, and in 2000 the Immanuel Orphanage Home started with 10 children and \$5,000 (earned by washing dishes and baby-sitting). Starting in 2002, the Emmanuel Foundation, or the Yayasan Emmanuel, has implemented the Immanuel-Nicolas Orphanage Homes, Health Services Programme, Food Rescue Programme, Mobile Library Programme, and the Outreach Programme—just to name a few. One of the most important is the Food Rescue Programme, which has secured perishable food from hotels for over 110,000 meals. "Emmanuel had the world at his feet but he chose a higher calling."

## KEYNOTE SPEAKERS



**ABIGAIL ALLING**

<http://www.biospherefoundation.org>

The Biosphere Foundation aims to cultivate responsibility in caring for the earth's biospheres by expanding existing knowledge on it and creating conservation and education programs. Its Chairman and President, Abigail Alling, has made historical progress for marine, environmental, and closed systems research and development in her decades of work. In 1985, she supervised the first successful release of two captive bottlenose dolphins back into the wild. For two years, she lived in an artificial laboratory of 3.15 acres, Biosphere 2, with seven other "biospherians" in total isolation. During that period, she created a 1,000,000-gallon artificial ecological marine system—the largest in the world—and served as Scientific Chief for over sixty research projects. Abigail Alling is coauthor of the book *Life Under Glass: The Inside Story of Biosphere 2*. In 1991, she founded the Planetary Coral Reef Foundation, a division of the Biosphere Foundation. She has also conducted scientific research for organizations including the WWF, United Nations, Institute of Ecotechnics, and Marine Mammal Commission. Abigail Alling has also contributed to seven documentaries, over 40 mini-films by the Biosphere Foundation, and over 50 publications, all related to environmental research. The extensive research and achievements of Abigail Alling will make her keynote speech a very valuable experience.



**SHAWN LUM**

<http://www.nie.edu.sg/profile/lum-shawn-kaihekulani-yamauchi>

A lecturer of natural sciences and science education for Singapore's National Institute of Education, Dr. Shawn Lum has studied the rainforests of Singapore for the past twenty years and written several publications on them. He is the Principal Investigator of a forest study at Singapore's Bukit Timah Nature Reserve; 14,000 trees of over 300 species have been followed over a long period of time. In addition, he is involved in environmental education, outreach and action, and has dedicated significant time to conservation NGOs. Currently, Dr. Lum is the president of Nature Society (Singapore), founded in 1954 and the oldest environmental group in the country. It is dedicated to the conservation of Singapore's and Malaysia's natural heritage. Several main achievements of NSS include successfully persuading the Government to preserve SungeiBuloh and relocating coral reefs that were threatened by land reclamation. Dr. Lum is also a member of the Botanical Society of America, the American Society of Plant Systematists and the Singapore Institute of Biology.



**DORJEE SUN**

<http://www.carbonconservation.com/media.html>

Dorjee Sun is the CEO of Carbon Conservation and is passionate about forests, community development, conservation and climate change. With an interest in viral marketing and social media software, Dorjee started VirtualVillager.com, a software company building virtual villages for business and government. The company's projects include AsiaGroove.com, the world's first Asian youth pop-culture collaborative community (with webTV and a peer production platform) and MyAutosalon.com focusing on youth car culture. He has spoken at the Future Summit, AsiaConnect, The World Summit on Innovation and Entrepreneurship and participated at the Australian Davos Leadership retreat and other think-tanks. Also, he has been featured in the film *Burning Season*.



## KEYNOTE SPEAKERS



**HANNAH TAYLOR**

<http://www.ladybugfoundation.ca>

Hannah is a regular teen just like us. Her zest for life extends to her love for people, nature, writing, and drawing. She is the published author for the children's book called Ruby's Hope, a beautifully written and illustrated story that inspires hope and caring, and empowers its readers to get involved and make change at any age. By 8, Hannah founded The Ladybug Foundation Inc. and has become the innocent face of the homeless, seeing their plight and speaking for them across Canada and many other parts of the world. Hannah has spoken to over 175 schools, events, and organizations. She believes that everyone deserves a roof over the head and enough to eat as basic human rights.



**JUSTIN BEDARD**

<http://www.jumpfoundation.org>

Justin Bedard is the founder and executive director of the JUMP!foundation, which educates students and teachers worldwide about global issues and leadership issues through workshops and training programs. He holds a BA in International Development with a minor in Environmental Studies from the University of Guelph. With interests in community development and organizational consulting, he is committed to youth programs around the world. He also takes part in adventure guiding, and has helped to develop outdoor education programs as well as facilitate mountain climbing. Justin Bedard has also been awarded the Canadian St. John's Ambulance Award of Merit and the Dragon Award for Courage and Service to Humanity.



**Rob Dyer**

<http://dreamlovecure.org>

Rob Dyer is a founder of Skate4Cancer (S4C), where a team skates to spread the awareness of cancer. At the age of 17, Dyer lost his paternal grandmother to stomach cancer, both his maternal grandmother and his mother to brain cancer, and his best friend to stomach cancer. Losing many of his loved ones over a short period of time sparked Rob Dyer to skate over 8,000 km from his hometown Newmarket, ON to Los Angeles, CA in 2004. The main idea behind Skate4Cancer is that knowledge is the cure. By spreading awareness and ways to prevent cancer, it is Dyer's hope that more victims of cancer are diagnosed early and can become cancer-free as soon as possible. S4C has since toured around many countries including Australia and New Zealand. The foundation has also set up the Dream.Love.Cure center where anybody dealing with the complications of cancer can dwell or read up in an environment that is designed to be supportive and safe, a place for healing and a place to start afresh.

## KEYNOTE SPEAKERS



**LOUIS NG**

<http://www.acres.org.sg>

Executive Director of the Animal Concerns Research & Education Society (ACRES). Winner of multiple awards. A man who gave his heart to the animals. Beginning at a very young age, Louis Ng volunteered for the SPCA and took on a vegetarian diet. A film about gorillas inspired him to pursue studies in Biology and Primate Conservation. When he was 21, he met a photography chimp named Ramba, whom he worked hard to set free. "When our campaign to see her reunited with her mother succeeded I felt as though I had won a million dollars, and decided to dedicate the rest of my life to making a difference for suffering animals like Ramba, and I founded ACRES with a group of friends," wrote Ng. His passion and love for animals have won many victories for our fellow inhabitants of Earth. For example, after ACRES began a campaign to save dolphin trafficking (garnering 680,000 signatures in the process) laws banning their hunting and trafficking were passed in such countries as the Solomon Islands, Mexico, Chile, and Costa Rica.



**JOEL SIMONETTI**

<http://www.getfintegrity.org/home.html>

Joel Simonetti is a teacher as well as the co-founder of Fintegrity, a NGO dedicated to conserving marine life. Though he first saw seawater at the age of 15, he spent his childhood dreaming of sharks and the open stretches of water. When he became an adult, he immediately set out on a 25-year journey to explore the coastlines of the world. However, he saw a large disparity between the real state of our oceans and how they were portrayed to the media, and was spurred into action. With his wife and fellow teacher Lisa Cook, he established Fintegrity to inspire others, especially children, to care about the sea. He believes that letting people learn about marine life and ecosystems is the key to their recovery.

## GINetworking

GINSING is more than a joint-conference; it is a catalyst for future action through networking. GINSING will use social media to ensure efficient communication between members of Global Action Network Groups (GANGs) before, during and after the conference. GINSING will serve as a link between the delegates of past GIN conferences and those to come.

### GOOGLE

The planning team has used Google apps since the get-go. Google docs allow us to collaborate virtually together on similar documents by the minute, week, month and year. Adults and mostly students created Google forms to collect pertinent data from EARCOS schools to reserve and register, select GANGS, report air flight arrival and departure data, hotel information, email and hand phone data from middle school and high school sponsors, and that is not all! The official EARCOS GINSING domain was constructed in the hope future EARCOS GIN host schools may use this domain. Our nothing fancy, functional website constructed by the busy student should be passed on from host school to host school (fingers crossed, China). Google has helped GINSING inform delegates and manage various aspects of the conference. We regularly use Google search, images, mail, drive, calendar, sites, groups, contact, maps and more.

### FACEBOOK (ESPECIALLY FOR HIGH SCHOOL DELEGATES)

Facebook is the most far-reaching social media platform today; in fact there are more people on Facebook today than there were on the planet 200 years ago. Past GIN sites such as Ning and Wordpress have failed to entice delegates to use them regularly and long term. While the digital divide in China presents challenges for global networking, Facebook is still the most used site among teens. Because most GINSING delegates have an account, Facebook is a great way to inform and excite. Facebook allows student administrators to track page activity, strategically reach a broad audience and attain a large discipleship. Prior to the conference, GINSING student administrators intentionally posted few updates in an attempt to maintain focus and importance. During and after the conference, Facebook posts will be more frequent and will promote networking among delegates.

### TWITTER

Twitter provides numerous services that Facebook cannot. It encourages a more engaging and conversational sharing of information. Twitter, a social media micro-blog, will serve as an interactive platform connecting delegates to officers, facilitators and each other. The official GINSING account has the username @GINSING2012. The hash tag we encourage all participants to use in order to connect their tweet to other delegates is #ginsing.

### TRELLO (AT THIS TIME HIGH SCHOOL DELEGATES ONLY)

Trello will be used during and after the conference to facilitate continued networking. It is the collaborative platform on which the Global Action Network Groups (GANGs) will Brainstorm, Plan, Pitch, Implement and Maintain their Local Action Plans (LAPs). Trello enables GANG members to discuss ideas, attach documents, create checklists, set deadlines, and vote on plans. Trello's unique structure allows delegates to create Cards for each idea within the LAP they have and then move them through stages of the process called Lists. Once one idea is in the final list, the GANG can focus on another idea and aspect of their LAP. Trello will help delegates accomplish their plans long after the closing ceremony through a flexible and creative structure. It will foster collaboration, problem solving, and action.

## LOG ON TO CAMPUS WI-FI

SAS Guest	
Username:	<b>ginsing</b>
Password:	<b>ginsing</b>

UWCSEA East	
Username:	<b>Wireless@UWC</b>
Password:	<b>technology</b>



## CONFERENCE OPENING

### Singapore American School • November 9, 2012, 4:30 pm

Commencing on Friday night is the grand GINSING conference opening ceremony. Aside from two inspirational speakers Scott Hammell and John Wood who will be speaking, GINSING has also invited two diverse performance groups to celebrate the opening of the 6th annual EARCOS GIN conference. One is a small group of talented Singapore American School Dance Performance class students while another is the famous Epic Arts, an organization of handicapped and talented individuals performing together.

### SINGAPORE AMERICAN SCHOOL DANCE PERFORMANCE

#### "Man in the Mirror" by Michael Jackson

The Dance Performance students from Singapore American School have choreographed a routine to call for self-reflection and subsequently, taking action. They acknowledge the need for humans to inspect our actions and their consequences easing compelling problems in our society today. For it is only with recognition of these issues can we begin to remediate and/or mitigate them. Therefore, Dance Performance students aim to convey their collective wish for GINSING delegates to reflect their respective actions and attain fruitful learning experiences throughout the conference.

### EPIC ARTS

Epic Arts is a disability arts charity established in 2001 and that operates in the UK, Cambodia and China. They reach out to all those with physical and learning disabilities of all ages and backgrounds, through workshops in dance, drama, visual arts, crafts, photography, music, and story-telling. Epic Arts promotes the integration of people of all abilities and disabilities using the arts as a form of expression, transformation and empowerment. They celebrate the creative potential of those they work with because they believe in a world where Every Person Counts (EPiC) and where people living with disabilities are valued, accepted and respected.

Epic Arts have been running workshops and training programs since 2001 with the goals of: encouraging acceptance and inclusion of all via the arts; fostering inclusion as a means of mutual growth and understanding between those with and without disabilities; making the arts and arts education more accessible to all; and encouraging the development of creative self-expression and self-confidence. Epic Arts' performance at GINSING conference aims to express that all things are possible—your physical conditions do not prevent you from pursuing your passion.

### KEYNOTE #1 JOHN WOOD

Founder and Co-Board Chair of Room to Read

### KEYNOTE #2 SCOTT HAMMELL

Magician. "Find your Passion and Make it Happen"

### PEACE CONCERT: CONFLICT RESOLUTION: THE ROAD TO PEACE & GLOBAL VILLAGE

Networking opportunities in formal and causal settings have been the hallmark of all past EARCOS GIN conferences. To expand on the get together tradition we will host a Peace Concert combined with an NGO Fair we are calling a Global Village on Friday from 6:30pm to 10:00pm on the SAS Stadium Field. All delegates are entitled to free admission. There will be a \$5.00 admission fee for SAS and UWCSEA East and Dover members. Artists from throughout the region will bring peace-themed acts to the global table in the form of poetry recitations, music renditions, dance performances, and other peace-themed acts. With these, the Peace Concert will present a wide range of talents to entertain the audience while promoting peace and awareness. Conflict resolution is one of Richard's 20 Global Issues. Striving for tolerance and peaceful resolutions to conflicts connects myriad global issues, especially in war torn areas and with extremist terrorists using indiscriminant violence to stake their claims. Generation GIN need understand violence is an unsustainable route to addressing societal issues, hence the focus on celebrating peace and exploring peaceful alternatives to violent conflict during the GIN Conference.

Global Village information booths will provide those interested to learn more about the missions, good work and to establish ties with and environmental NGOs. Fly giant peace doves with Jane Goodall Institute (Singapore) (JGIS), make a luminario dedicated to peace, network with Tabitha, World Wildlife Foundation (WWF), JUMP! Foundation, ISF, Chumkriel Language Centre, BSDA, Earth Matters, Fintegrity, Epic Arts, Green Gecko, The Island Foundation, Animal Concerns Rescue and Education Society (ACRES) Singapore (ACRES), Green Umbrella, and XS Project, Loving Hut, Quest University, "Does It Even Matter?", Empty Bowls, Animal Lovers League, HOME, Gramshree, Singapore Association of the Visually Handicapped (SAVH) and more. All these NGOs have achieved commendable results to share.

Network with high school community service clubs from SAS, UWCSEA East and Dover Global Concerns groups

**SAS HS Community Service Booths**

Wish for Kids  
Kiva  
Food from the Heart  
SAVE  
Project India  
Doorstep School

Gawad Kalinga  
Peace Initiative  
GAFO  
Room to Read  
Happy Hats  
One World

**UWCSEA Dover Global Concerns**

Jakarta Street Kids  
Casa de Amizade/Villa Marta  
Himalayan  
Ella's Schools

**UWCSEA East Global Concerns**



Stairway  
Salaam Baalak  
Tiger Watch  
Hand in hand  
Cancer Foundation

The following goods will be available at the food stalls of SAS honor societies, the Booster Club, and popular Singaporean restaurants.

Name	Club/Booth/Food
French Honor Society	Crepes
National Honor Society	Pizza
Chinese Honor Society	Dumplings
High School Mr. Hoe	Mexican food, snacks
Loving Hut	Vegan local/Western food
Shiraz	Persian food
Korean Club	Korean food
Booster Booth	BBQ
GIN	Shirts

Don't miss this chance to connect with hundreds of people, contribute to student efforts for a better world, enjoy live performances of like-minded global citizens, and directly work with established organizations.

## CONFERENCE AT A GLANCE

	 <b>SAS</b>	 <b>UWC</b>
<b>FRIDAY NOVEMBER 9, 2012</b>	<ul style="list-style-type: none"> <li>• ECO CARE</li> <li>• OPENING CEREMONY</li> <li>• PEACE CONCERT &amp;</li> <li>• GLOBAL VILLAGE</li> </ul>	
<b>SATURDAY NOVEMBER 10, 2012</b>	<b>HIGH SCHOOL</b> <ul style="list-style-type: none"> <li>• GANG GROUPS</li> <li>• KEYNOTE SPEAKERS</li> <li>• NGO WORKSHOPS</li> <li>• EMERGENCY RESPONSE SIMULATION</li> </ul>	<b>MIDDLE SCHOOL</b> <ul style="list-style-type: none"> <li>• GANG GROUPS</li> <li>• KEYNOTE SPEAKERS</li> <li>• NGO WORKSHOPS</li> <li>• WORLD RECORD EVENT</li> <li>• PARALYMPIC GAMES</li> </ul>
<b>SUNDAY NOVEMBER 11, 2012</b>		

## SAS HIGH SCHOOL SCHEDULE

### THURSDAY, NOVEMBER 8, 2012: OFFSITE

TIME	EVENT	VENUE
All Day	<ul style="list-style-type: none"> <li>• Bus Pick-up at Airport. Transfer to first stop at V-Hotel</li> <li>• Registration of Delegates at V-Hotel (T4T Shirt Exchange)</li> <li>• For Delegations not staying at V-Hotel, transfer to Camp Challenge, Elizabeth Hotel, Riverview Hotel and Moon Hotel</li> </ul>	<ul style="list-style-type: none"> <li>■ Changi Airport</li> <li>■ V-Hotel</li> <li>■ Various Hotels</li> </ul>

### FRIDAY, NOVEMBER 9, 2012: OFFSITE AND SAS

TIME	EVENT	VENUE
7:00am	• Delegates have breakfast at respective hotels before boarding bus to SAS	■ Hotels
6:30am – 8:00am	• Breakfast for Delegates at V-Hotel	■ V-Hotel
7:30am	• Bus Pick-up from Camp Challenge, Elizabeth Hotel and Riverview Hotel to V-Hotel	■ Hotels
7:45am – 8:30am	• High School Delegates and Sponsors Make Sack Lunches	■ V-Hotel
8:30am – 9:30am	• Staggard Bus Departure from V-Hotel to ecoCare Excursions	■ 21 ecoCare Venues
9:30am – 3:30pm	• High School ecoCare Excursions	■ Various venues
4:00pm	• Gather at SAS (change into Conference T-shirt and store bags)	■ SAS High School
4:30pm – 6:30pm	<ul style="list-style-type: none"> <li>• SAS Dance Performance – “Man in The Mirror”</li> <li>• Keynote #1 – <b>John Wood</b> <i>Founder and Co-Board Chair of “Room to Read”</i></li> <li>• Opening Performance – Epic Arts</li> <li>• Keynote #2 – <b>Scott Hammell</b> <i>Find Your Passion &amp; Make It Happen</i></li> </ul>	■ SAS High School Gym
6:30pm – 7:30pm	• DINNER for Delegates and Sponsors	<ul style="list-style-type: none"> <li>■ SAS Middle School Cafeteria (HS Delegates)</li> <li>■ SAS High School Cafeteria (MS Delegates)</li> </ul>
6:30pm – 10:00pm	• Peace Concert and Global Village	■ SAS Stadium Field
9:00pm – 10:15pm	• Staggered Bus Departure from SAS High School to V-Hotel	■ SAS High School to Various Hotels
10:00pm	• Single Bus Departure (on one large bus) to Elizabeth Hotel, Camp Challenge and Riverview Hotel leaving at 10:00pm	

SATURDAY, NOVEMBER 10, 2012: OFFSITE AND SAS		
TIME	EVENT	VENUE
6:00am – 7:00am	• Delegates have breakfast at respective hotels before boarding bus to SAS	■ Hotels
7:15am	• Bus Pick-up at Camp Challenge, Elizabeth Hotel, Riverview Hotel and V-Hotel to SAS High School for HS Delegates (optional MRT)	■ Hotels
8:00am – 9:15am	• Opening Ceremony of High School Conference - Welcome by SAS Superintendent, Dr Chip Kimball & High School Principal, Dr Tim Stuart - SAS Singers Performance to "Butterfly" and "Prayer of the Children" • Keynote #3 – <b>Dorjee Sun</b> <i>Carbon Conservation</i>	■ SAS High School Auditorium
9:20am – 10:20am	• NGO Workshop #1 All Delegates	■ H301, H204, M301, Drama Theater, Art Studio H100D, High School Library, HS Library Media Center (LMC), Middle School Library
10:20am – 10:40am	• TEA BREAK	■ SAS High School Cafeteria
10:45am – 12:15pm	• GANG #1 <i>Global Action Network Groups (GANGs)</i>	■ SAS 3 <sup>rd</sup> Floor Classrooms
12:15pm – 12:25pm	• TEA BREAK	■ SAS High School Cafeteria
12:30pm – 1:30pm	• NGO Workshop #2 <i>All Delegates</i> • Debrief GANG Facilitators (H301)	■ H301, H204, M301, Drama Theater, Art Studio H100D, High School Library, HS Library Media Center (LMC), Middle School Library
1:30pm – 2:40pm	• LUNCH • NGO Fairs	■ SAS High School Cafeteria & Foyer
2:45pm – 3:45pm	• GANG #2 • Faculty Sharing	■ SAS 3 <sup>rd</sup> Floor Classrooms ■ SAS Drama Theater
3:45pm – 3:55pm	• TEA BREAK • Debrief GANG Facilitators (H301)	■ SAS High School Cafeteria ■ H301
4:00pm – 5:00pm	• Keynote #4 – <b>Hannah Taylor</b> , <i>Ladybug Foundation</i>	■ SAS High School Gym
5:00pm – 6:00pm	• Mindful Dinner	■ SAS Middle School Cafeteria
6:00pm – 8:30pm	• Emergency Response Simulation	■ High School Gym, Middle School Gym & Theater Studio
8:45pm	• Bus Transport from SAS High School Back to Hotels	■ SAS to Hotels
SUNDAY, NOVEMBER 11, 2012: OFFSITE AND SAS		
TIME	EVENT	VENUE
6:00am – 7:00am	• Delegates have breakfast at respective hotels before boarding bus to SAS	■ Hotels
7:15am	• Bus Pick-up at Camp Challenge, Elizabeth Hotel, Riverview Hotel & V-Hotel to SAS for HS Delegates	■ Hotels

8:00am – 9:00am	<ul style="list-style-type: none"> <li>• Keynote #5 – <b>Emmanuel Laumonier</b> <i>Yayasan Emmanuel</i></li> </ul>	■ SAS High School Auditorium
9:05am – 10:00am	<ul style="list-style-type: none"> <li>• GANG #3</li> <li>• Faculty Session – Challenging views on “Aid” and “Assistance” Facilitated by Tessa Bourdie (H301)</li> </ul>	■ SAS 3 <sup>rd</sup> Floor Classrooms ■ H301
10:00am – 10:15am	<ul style="list-style-type: none"> <li>• TEA BREAK</li> <li>• Debrief GANG Facilitators</li> </ul>	■ SAS High School Cafeteria ■ H301
10:20am – 11:15am	<ul style="list-style-type: none"> <li>• Keynote #6 – <b>Abigail Alling</b>, <i>Biosphere Foundation</i></li> </ul>	■ SAS High School Auditorium
11:15am – 11:50am	<ul style="list-style-type: none"> <li>• LUNCH</li> <li>• Faculty Hand-over</li> </ul>	■ SAS High School Cafeteria ■ SAS Drama Theater
11:55am – 12:55pm	<ul style="list-style-type: none"> <li>• GANG #4</li> </ul>	■ SAS High School Auditorium
1:00pm – 2:00pm	<ul style="list-style-type: none"> <li>• Keynote #7 – <b>Dr Shawn Lum</b>, President of Nature Society (Singapore) The Conservation Conundrum in Southeast Asia</li> <li>• CLOSING CEREMONY</li> </ul>	■ SAS High School Auditorium
2:30pm	<ul style="list-style-type: none"> <li>• Bus Transport from SAS High School to Changi Airport (available to schools based on flight schedule)</li> <li>• Bus Transport from SAS High School Back to Hotels (if staying late)</li> </ul>	■ SAS High School to Changi Airport (or Hotels)



# SAS CAMPUS OVERVIEW

- THEATER
- DRAMA TH



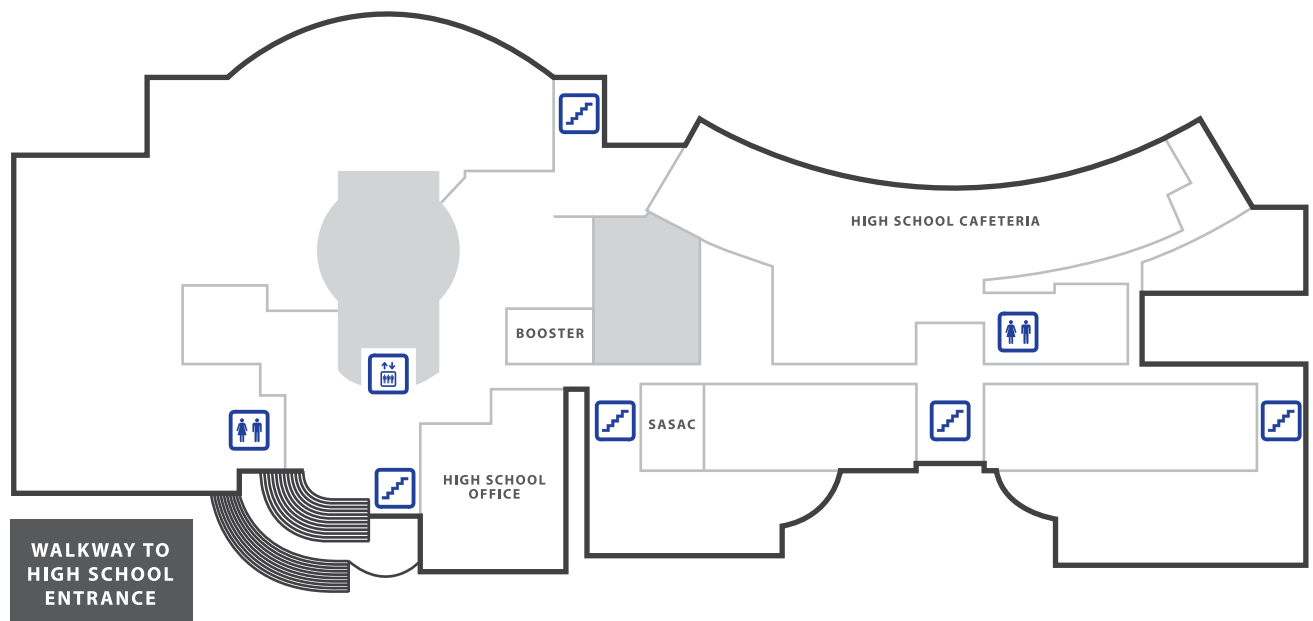
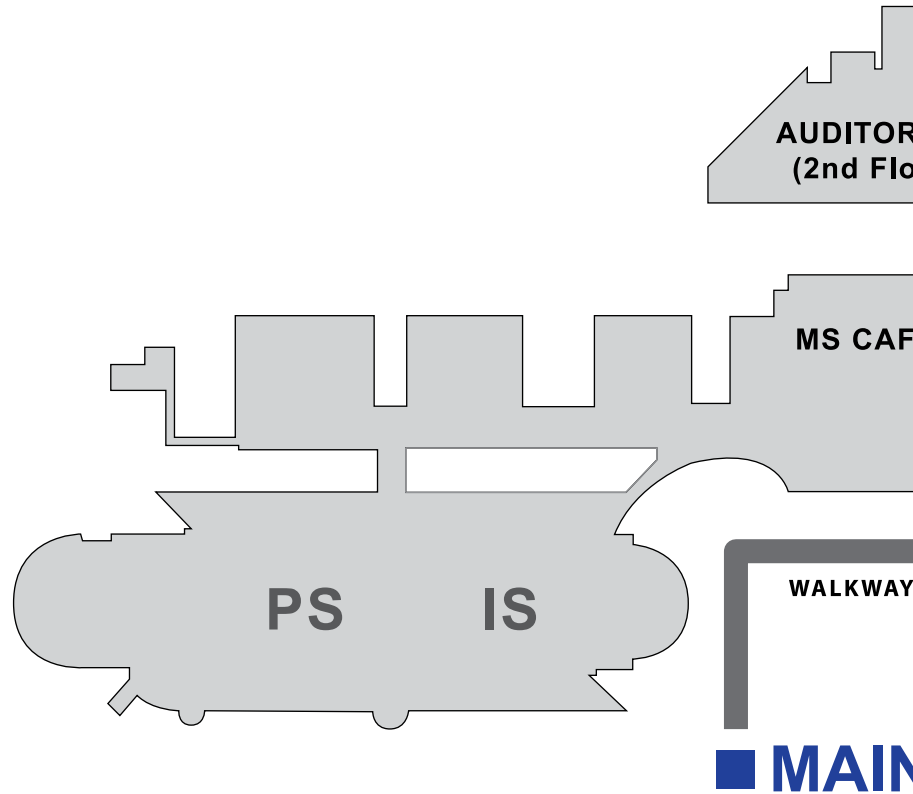
STAIRS



LIFT



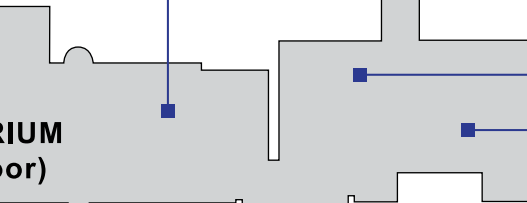
RESTROOM



**2ND FLOOR**

# OVERVIEW

STUDIO (1st Floor)  
HEATER (2nd Floor)



STADIUM  
FIELD

MS GYM (2nd Floor)

HS GYM (2nd Floor)

CAFETERIA (3rd Floor)

MS

HS

HS CAFETERIA  
(1st and 2nd Floor)

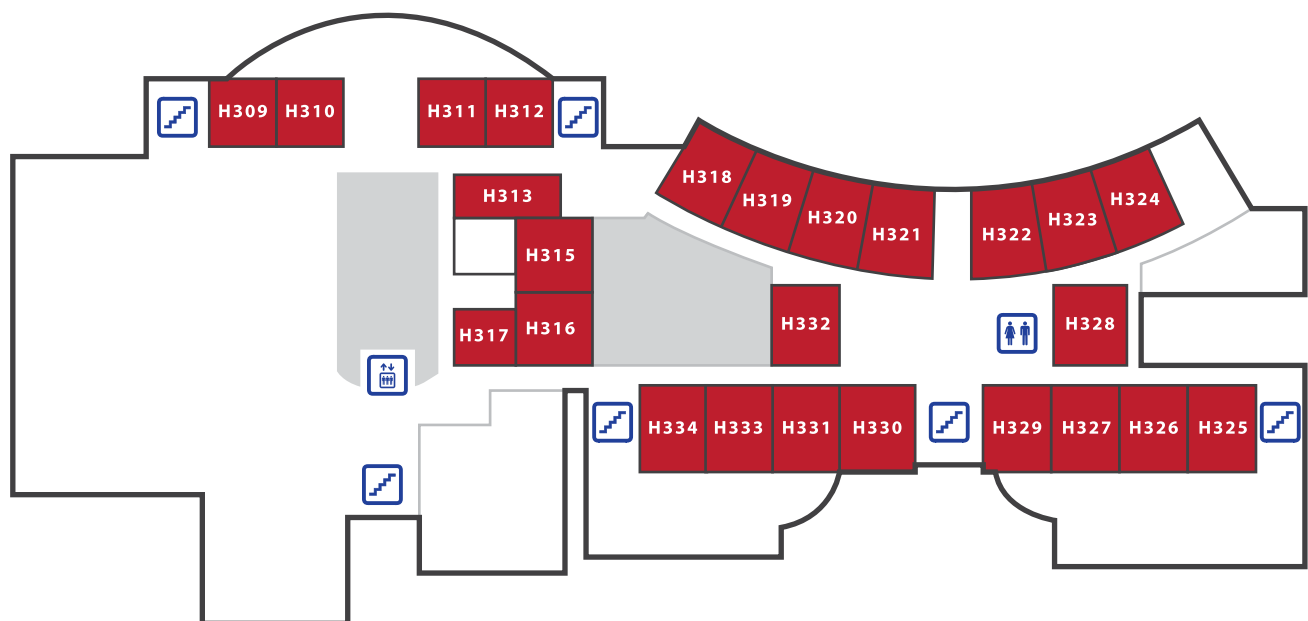
ART STUDIO (H100)

TO HIGH SCHOOL ENTRANCE



HS - HIGH SCHOOL  
MS - MIDDLE SCHOOL  
IS - INTERMEDIATE SCHOOL  
PS - PRIMARY SCHOOL

IN GATE



3RD FLOOR

## HIGH SCHOOL ECO CARE EXCURSIONS

EcoCare is a set of environmental excursions that will give GIN participants the opportunity to take a step beyond the conference confines prior to getting down to the important business of networking. Excursions are divided into three categories: nature, technology, and education. Excursions based on nature will focus on the importance of conservation and will include activities such as tree planting and visiting preserved ecosystems. Technology-focused excursions encompass sustainable development by presenting solutions to environmental issues such as water deficits, energy-use, and waste disposal in Singapore. Educational excursions are made to empower our GIN delegates with the ability to communicate the importance of both the nature and technology excursions. We hope that EcoCare will not only enhance your knowledge and experience of environmental issues, but also ensure that every individual is capable of making a change.

### ECO CARE NATURE EXCURSIONS

#### ■ Sungei Buloh Wetland Reserve (A)

Wetlands are one of the most delicate, complex, biologically diverse ecosystems. Endangered mangrove ecosystems perform valuable economic and ecological services, such as storm abatement, water filtration and detoxification, and act as nursery grounds for many animals. Sungei Buloh is one of Singapore's earliest established wetland reserves, serving to protect the islands rich biodiversity and migratory birds. Trails and boardwalks will guide you through mangroves, where you may spot some of the following: some of 150 species of birds, monitor lizards, tree-climbing crabs, mudskippers, crocodiles, and wild otters. Sungei Buloh represents a successful unity of conservation and ecotourism. GIN participants can take interest in their conservation of biodiversity back home and use their experience to strengthen conservation and restoration programs where they live. In the afternoon we will make a stop at Bollywood farms to learn about organic agriculture and a lifestyle of health and sustainability (see below for description).

#### ■ Pulau Ubin Sensory Trail (C)

Concrete sidewalks, traffic congestion, and brightly illuminated high-rise buildings and super-malls comprise the urban environment many of us know all too well. Have we forgotten the brush of grass through our toes or the smell of a richly fragrant flower? The Pulau Ubin Sensory Trail was adopted and developed by Nature Society (Singapore) and students of the Singapore American School in 1995. Singapore National Parks has sponsored the adopt-a-park program with the SAS SAVE (Students Against Violation of the Environment) Club and Singapore Association of the Visually Handicapped (SAVH) as co-adopters. A tradition of students walking hand in hand with the SAVH clients through this nature walk has come to represent the re-enlivening of our senses (hearing, touch, taste and smell). Conservation is not just about preserving biodiversity, but maintaining our contact and appreciation for nature.

#### ■ Sentosa (F)

Sentosa, one of Singapore's many southern islands, includes some of the greatest tourist icons of the country (Universal Studios, the Merlion, Underwater World and so forth). While maintaining its many tourist attractions, Singapore has also pledged to conserve a portion of their island's forests. We will observe the human impact on our trees as we tour the remnants of Sentosa's forests, making our mark by planting more trees into Sentosa soil. Following the morning events, we will visit the Siloso Beach Resort for a tour of their facilities that highlight their green plan.

#### ■ Lorong Halus and Pasir Ris Mangroves (J)

Previously a landfill, Lorong Halus was converted to an artificial wetland and is now used as a site for biodiversity, recreation, and environmental education. This artificial wetland attracts organisms such as butterflies, dragonflies, and many species of birds. Lorong Halus is also used as bio-remediation treatment for water flowing into the Serangoon Reservoir. Nearby, we will visit the Pasir Ris mangrove boardwalk to highlight the importance of these ecosystems. Wetlands are one of the most delicate, complex, biologically diverse ecosystems. Endangered mangrove ecosystems perform valuable economic and ecological services, such as storm abatement, water filtration and detoxification, and act as nursery grounds for many animals.

#### ■ Bukit Brown (H)

Bukit Brown is a 100-year-old cemetery that was closed in the 1970s. Located in central Singapore, this 210-acre site has reverted to nature and has become a unique habitat in the heart of the city. It has recently been slated for development with exhumations planned and a new road scheduled to be built. We will see the pressure for development versus preservation firsthand here. The Nature Society (Singapore) and local residents have campaigned to save Bukit Brown as it is home to myriad bird species.

#### ■ Chek Jawa (G)

Chek Jawa is a unique natural area where six major habitats meet and mix: the rocky shore, coastal hill forest, mangrove, sandy shore and sand bar, sea grass lagoon and coral rubble. Slated for land reclamation in

1992, the wonderful secrets of Chek Jawa were unveiled only in December 2000. As public attention was drawn to this site, thousands of Singaporeans flocked to visit this wetland treasure. At the same time, appeals from nature lovers and the general public led to a review of its reclamation plans. After carefully considering all public submissions and extensive consultations with scientific experts and relevant government agencies, it was announced in 2001 that reclamation works would be deferred.

## **ECOCARE TECHNOLOGY EXCURSIONS**

### ■ **URA Gallery and Siemens City of the Future (M)**

The URA Gallery shows the sustainable development of Singapore over time, as well as future plans to make Singapore a greener city. This includes the development of green buildings that can help offset carbon emissions and manage our resources more sustainably through the use of green-technology such as solar panels, insulation, and energy-efficient lighting. From the design and construction to its demolition, a green building is expected to be handled in the most environmentally responsible way. The purpose of these green buildings is to efficiently manage the use of our resources (especially water and power), protect the health of occupants in the building, as well as protect the environment from degradation or pollution. This will be highlighted with a visit to Siemens City of the Future exhibition.

### ■ **ABC Waterways NEWater (I)**

ABC Waterways is an education program put on by the PUB that aims to teach about water quality issues, and Singapore's network of waterways and reservoirs used to collect and supply fresh water. Later in the day, we will visit Singapore's most renowned water project, NEWater. Prior to the creation of NEWater, Singapore was almost completely dependent on Malaysia for their fresh-water supply. Singapore now supplies over 30% of their fresh water needs through purification of wastewater using microfiltration, reverse osmosis and UV disinfection. NEWater produces some of the purest, clean water in the world. With regions of our Earth becoming increasingly water-scarce, the issues of water-borne diseases, regional conflicts over water, and deaths continue to intensify. Innovations like NEWater offer solutions for future sustainable use of water.

### ■ **Marina Barrage and Gardens by the Bay (K)**

Located by the Gardens by the Bay, the Marina Barrage is a dam that provides flood control, a form of recreation, and water storage for Singapore's 15th reservoir (Marina Reservoir). An award-winning project for a competition hosted by the American Academy of Environmental Engineers, the Marina Barrage is renowned for being sustainably constructed and providing public education on the environment.

A garden in the middle of a city, Gardens by the Bay reawakens our appreciation for our Earth's diverse and enchanting environments, raises awareness of the delicacy of many of our fragile ecosystems, educates us on the anthropogenic changes to our environments and develops several solutions to sustainability. By introducing these man-made ecosystems (enclosed in domes) to our concrete jungle, urban city dwellers are able to reconnect with nature and grasp the importance of saving dwindling natural ecosystems.

### ■ **Green Roofs (U)**

Two students from UWCSEA East Campus approached Dairy Farm with the incentive to improve the environment by creating a green roof. These students were able to receive \$5,000 in funding from Dairy Farm, along with a \$5,000 government grant to match. Green roofs will reduce energy usage, lessen surface runoff, provide sound insulation, filter air pollutants, and increase biodiversity. Thanks to the hard work of these students, we will be setting up these green roofs during our GINSING Conference. Their work exemplifies the power of the individual, no matter their age, to make a difference if they have the drive to pursue it.

### ■ **Pulau Semakau and Senoko Incineration Plant (N)**

Pulau Semakau, an offshore landfill (also currently Singapore's only landfill), is managed by the Ministry of the Environment and Water Resources, as well as the National Environment Agency. The incinerated waste is efficiently managed in a way that reduces the damage inflicted on the environment as much as possible. Impermeable membranes and clay to prevent leachate from contaminating the water line the landfills. In addition, any leachate found is processed at a treatment plant. The water is regularly tested at Pulau Semakau, which also has a coral nursery, sea grass monitoring, surveys on intertidal sponges, and a thriving mangrove. Pulau Semakau is an exemplar of how a country can dispose its waste while reducing as much negative externalities as possible. Later in the day, we will visit one of Singapore's massive incineration stations, the Senoko Incineration Plant. Pulau Semakau is an exemplar of how a country can dispose its waste while reducing as much negative externalities as possible.

### ■ **Alpha Biodiesel and E-Recycling (L)**

Alpha Biodiesel takes used-cooking oil and converts it into biodiesel through a process called transesterification. This form of biodiesel is compatible with all diesel engines, emits less air pollutants, can help reduce greenhouse gas emissions, and is biodegradable. We will see how biodiesel is produced in the

plant, then move on to a nearby electronics recycling facility to learn about the technical and environmentally important process of proper disposal, recycling and reusing of used electronics. To build a sustainable future, learning to manage our resources and energy-use is crucial.

## ECOCARE EDUCATION EXCURSIONS

### ■ Bollywood Veggies (B)

Bollywood Veggies is one of Singapore's few organic farms. Their fresh produce is cultivated without the use of chemical pesticides, growth hormones or genetic modification. Buying local, organically grown food can reduce our carbon footprint, inflict less damage to the environment, conserve water, and promote human health. Organic farming is the future to sustainability in food security. Not only are these foods delicious and healthier, but GIN participants can also try to grow some of their own local greens at their schools or help out at places like Bollywood Veggies in their own homes. In the afternoon, we will visit Sungei Buloh Wetland Reserve (see above for description).

### ■ Bukit Timah Nature Reserve and Human-Macaque Conflict (D)

On this small concrete island of 5,183,700 people, around 1,500 long-tailed macaques roam our small pockets of forests. Occasionally, conflict between humans and macaques occur. Can people and macaques truly live together in peace? We will tour Singapore's most spectacular nature reserve in the morning. Then, the Jane Goodall Institute (Singapore) has organized an educational program on human contact with our native long-tailed macaques, which includes a tour through macaque territory. The first step to working toward a peaceful, balanced future with wildlife is through taking the time to understand it. In the words of Jane Goodall, "Only if we understand, can we care. Only if we care, we will help. Only if we help, we shall be saved."

### ■ ACRES (E)

ACRES (Animal Concerns Research and Education Society) is an educational, activist organization that hosts campaigns and educational programs on animal rights and rescue. ACRES' mission is "To create a caring and socially responsible society where animals are treated as sentient beings and where the environment is preserved for future generations." This includes seeking to provide better welfare for wildlife in captivity, illegal wildlife trade and poaching, and conservation of biodiversity. We will visit their facilities, learn more about their projects here in Singapore and the region, and pitch in to help.

### ■ Singapore Zoo Conservation Ambassador (O) Singapore Bird Park Ambassador (P)

The Conservation Ambassador programs empower youth through education on the importance of wildlife conservation and communication. It allows individuals to teach others about the significance of protection. It helps us understand the crucial factors in the benefits of zoos and the ways we can conserve endangered species in the wild.

### ■ Singapore Media Academy (Q)

Twitter, phone calls, Google documents, and Facebook are just a few of the tools used by our GIN organizers to connect to each other, our delegates (from 60+ different schools), and all other partners in building our GINSING conference. Communication is a key component in creating awareness, establishing strong relationships, and delivering change. The Singapore Media Academy will be involving our GIN participants in a workshop on how to efficiently communicate issues concerning the environment. This will enhance the intertwined networks during the conference and give all GIN participants the opportunity to network and keep in touch for future collaborative projects.

### ■ Singapore's Transformation Journey (R & S)

Singapore's Transformation Journey - as indicated by its name - gives a detailed timeline and walk through Singapore since its independence in the 1965. From its simple port, Singapore has industrialized greatly into one of the largest trading ports in the world. However, despite its rapid transformation, Singapore has strived to keep its green country environmentally conscious. With the green movement in mind, Singapore aims to develop alongside its natural resources while keeping its country economically and environmentally sound. countries can keep in mind Singapore's model and adapt it as their own!

### ■ Mir Ship Tour & Biosphere Foundation (T)

Biosphere Foundation's primary goal is to inspire intelligent stewardship of our earth's biosphere. BF achieves this objective by (1) implementing conservation programs which are community-based and sustainable; (2) creating educational programs that inspire people to care for the biosphere; and (3) providing an unbiased, "trusted source" of data about the biosphere to users around the world. Biosphere Foundation is unique in having a sailing ship to voyage the seas and work off remote Islands in Asia. Mir's homeport is located at Raffles Marina, and we will have the unique opportunity to tour her, and learn about the work she does.



## HIGH SCHOOL GLOBAL ACTION NETWORK GROUPS (GANGS)

Unlike GIN conferences in the past, we allowed delegates to submit their top three choices for Global Action Network Group issues, and decided the numbers of GANGs based on their responses. Because of this more effective new method of making GANG assignments, over 90% of delegates were assigned their first choice. Naturally, this was not a perfect system, as the leftover delegates had to be assigned a GANG that was outside of their top three choices. We sincerely regret this, but wish to point out that GINSING is an opportunity to not only learn about issues you are already interested in, but also to explore new issues.

### ISSUES INVOLVING GLOBAL COMMONS

Before 1773, herders in England could use the commons to raise their sheep for free. But, that turned out to be an utter disaster, forcing Parliament to pass the Enclosure Acts, a series of acts that would abrogate commons into private land. Why? As Garret Hardin, an American ecologist, pointed out in 1968, because the commons were shared and no one had ownership of the land, no one had the incentive to use the commons sustainably. But, had herders communally worked together in preserving the commons, “the tragedy of the commons” would never have occurred.

The Enclosure Acts may have abrogated commons in England, but we still have unenclosed commons in our world today: the global commons – climate, biodiversity, forests, fisheries, fresh water resources, and the ocean. These commons are all globally shared and used, but its existence is being threatened for the same reason the commons were once threatened. Unless everyone is willing to recognize and solve the issues, we face a similar tragedy England faced in the 1700s, except on a much grander and tragic scale this time.

#### ■ Global Warming and Climate Change (H322, H323, H324)

Perhaps one of the toughest and greatest issues of all is climate change. Scientists have informally coined the present geologic era, Anthropocene that serves to recognize the data showing human activities that have had a major impact on the Earth’s ecosystems. Chronologically, major eras such as the Jurassic, Cretaceous and Eocene represent significant climatic shifts on earth. Humans are causing the current climate shift, thus the human moniker Anthro- (man) in Anthropocene. Since 1860, we have seen an increase in temperature by 0.6 degrees centigrade, in contrast with the 1-degree increase over the last 10,000 years. If climate change is not solved, it will exacerbate many other issues, including water and food shortages, increased mortality from diseases, and irrevocable damages to our beautiful ecosystems.

Climate change concerns us all. Whether it is water or food shortages, proliferation in diseases, or irrevocable damage to ecosystems, anthropogenic climate change may lead to disastrous results. Are we all willing to give up our self-interest in return for global interest? If so how do we start? What can we do in our local regions mitigate greenhouse gas emissions and prepare for inevitable sea level rise, species extinction, shifts in agricultural production and monstrous hurricanes?

#### ■ Biodiversity and Ecosystem Loss (H309, H310)

Species richness in dwindling tropical rainforests, coral reefs in the East Asian coral triangle, as well as in each marine and terrestrial biome on Earth is under threat. Habitat degradation has caused huge increases in extinction rates, damage to vital and free ecological services and “cushioning” against climate change. Ecosystems are complex and delicate, interconnecting energy flow and matter cycling. Edward O. Wilson claims humans have biophilia or an affinity for life and serenity we enjoy from nature. Can human thrive in megacities devoid of wildlife? With our propensity to develop, in turn, we deplete our “commons”, are we fated to lose our ecosystems, or can we plan biosphere reserve, sanctuaries and learn to develop sustainably?

#### ■ Fisheries Depletion

20% of the world’s population utilizes fish as a principle source of protein. As well, globally thousands of communities are dependent on fishing for a living; the value of fish continues to rise. With overfishing becoming rampant and aquaculture insufficient to meet demand, fish stocks are seriously under threat.

The near collapse of once common fisheries for Atlantic Cod, Swordfish, Bluefin Tuna and nearly every single species of predatory sharks (due to shark finning) is largely ignored but desperately needs attention. If fishing above sustainable yields continues we endanger millions of people that depend on fishing for their livelihood and primary source of protein. Unless there is clear national and global management of our ocean commons or a clear global mandate and proper policing to protect dwindling fish stocks, we risk the threat of extinction for many species of fish.

### ■ Deforestation (H315)

Forests provide economic services that provide timber, fuel wood, paper and extracted reserves and ecological services such as watershed storage, flood abatement, water filtration, and storage, carbon sequestration, oxygen production and wildlife habitat. Yet, despite the fact that forests are a critical resource for humanity, our proclivity for deforestation is devastating a vital habitat for endangered species such as the regional Sumatran Rhino and Orangutan. Deforestation is responsible for releasing megatons of CO<sub>2</sub> into the atmosphere through slash and burn for livestock grazing and plantation agricultural practices. Deforestation removes an important source of water filtration; it reduces biodiversity in fragile ecosystems, and eliminates storage for carbon. We have developed many solutions to help curb the demand for timber, grazing and crop land, but societies must be willing to learn these alternatives, protect core primary forests that remain, and use existing forests in a sustainable manner.

### ■ Water Deficits (H328)

Water is the most essential resource for humans and all other species on earth. By 2020 our increased water usage may result in lack of access to water for up to 33% of the world's population. Whether it's the profligate use of water in some parts of the world or the irrevocable pollution of fresh water resources, we have squandered fresh water supplies. Though we are making advances in conserving water in some parts of the world, more needs to be done as fresh water resources continue to be consumed unsustainable for a burgeoning global population and conflict rises between the haves and have not's.

### ■ Maritime Safety and Pollution (H334)

80% of all life on earth resides within our oceans. The oceans contain rich biodiversity and delicate ecosystems, ones in which we rely on heavily for fishing, shipping, scientific research, and ecotourism. Oil spills, plastic pollution include giant gyers of plastic in the Pacific Ocean and elsewhere, hazardous waste, and illegal fishing practices are only some of the human activities threatening our diminishing biodiversity and the integrity of Earth's oceans. While these seemingly convenient practices have short-term benefits, the long-term damage is irreversible and potentially lethal. Whether it's bioaccumulation of lipid-soluble toxins such as PCB and DDT or heavy metals such as Mercury and subsequent biomagnification within our marine food chain, the damage inflicted onto our oceans will ultimately come at a greater cost to our children. With nebulous ownership of the world's oceans, this issue will require cooperative effort by everyone with the common goal of protecting our oceans. Unless we are willing to overcome our self-interest and treat the oceans as a shared natural resource, we risk inflicting permanent and possibly irreversible damage.

## SHARING HUMANITY

The United Nations Declaration of Human Rights (UNDHR) outlines the basic rights addressed to every human being on this planet. These rights include the right to a standard living adequate for the health, the right to special maternal healthcare, the right to education, and the right to social and international order. Yet, we see all too many violations of these rights, carried out on national, institutional, and individual levels. The global issues concerning Sharing Humanities are about ensuring that these rights remain intact for all human beings.

### ■ Massive Step-Up in the Fight Against Poverty (H325, H326, H327)

The poverty cycle is a human tragedy that we can solve. Poverty is an indictment of global societies that must be eradicated to promote freedom, dignity and justice for all humans. It is unjustifiable that there are children living on the streets without having enough money for even staple foods while in other countries societies extravagantly waste food and resources. It is imperative that we generate solutions to the issue of poverty, as it is a core cause of many other issues. If we cannot ameliorate this fundamental crisis facing billions of people, how can we solve even more complex issues facing humanity?

### ■ Peacekeeping, Conflict Prevention, and Combating Terrorism (H330, H331)

More than 60 years have passed since the atrocities of World War II and the subsequent founding of the United Nations. Whether it is the incessant civil strife that plagues a nation or acts of terrorism that threaten societies, conflict continues to rage in our world. Aside from both political and financial incentives to resolve conflict, we also need to repress the root causes of conflict itself: ethnic hatred, control of resources, and, among others, poverty. But, just as conflicts seem to be perpetual, debate on curbing the root causes continues without a solution. Can we find a compromise and come up with a coherent solution to solve conflicts, peacefully?

### ■ Education for All (H318, H319, H320)

Education is the key to a better future for everyone, especially for girls in less economically developed countries (LEDCs). With higher literacy rates around the world, it will facilitate building pluralistic societies, developed economies, and a sense of global citizenship that includes the desire to solve other issues that we face. But, not only are developed societies lacking skills necessary for the 21st Century, more vitally, LEDCs lack the

basic literacy needed to raise living standards in urban areas. Until nations can provide free and appropriate education for all, critical global issues will remain unsolved.

#### ■ **Global Infectious Diseases (H321)**

They may be nearly invisible, but infectious diseases can spread quickly across the world and cause deadly results. Whether it is HIV/AIDS, SARS, Bird Flu, H1N1 or a form of hepatitis, infectious diseases impede progress not only in developed countries, but also in the equally important developing countries. We can, however, curb the spread of infectious diseases by strengthening our health care and increasing our research. The question remains: will diseases succumb to collaborative management or will societies succumb to them?

#### ■ **The Digital Divide (H332)**

Digital technology is taking over many aspects of our lives. In more economically developed world people spend hours on social network platforms Facebooking, messaging, e-mailing, Tweeting, as well as playing games, watching YouTube videos and surfing the net to find the latest reddit update, favorite podcast or shop online. Whether it is in paying bills, researching, creative expression, running a business, or reading the news, the Internet allows humanity to progress at its greatest efficiency, provided that everyone has access. But 4.5 billion people do not have access to the Internet. How can we overcome the digital divide and connect everyone, everywhere in this new age of information?

#### ■ **Natural Disaster Prevention and Mitigation (H312)**

Natural disasters are unpredictable, damaging, and incredibly costly forces of nature. They are capable of causing the loss of human life, driving families out of their homes, as well as inflicting irreversible damage onto societies and economies. With increasing urbanization and climate change, the frequency and intensity of natural disasters are only expected to increase in the future. The extent of the damages and the timing of natural disasters are unpredictable, yet solutions to mitigate and prevent the costly effects of natural disasters are well within our reach. Solutions such include earthquake resistant construction, protection and restoration of coastal wetlands, especially in Southeast Asia, mangroves to absorb storm damage. The solutions lie in how we choose to plan ahead, understand the effects and implications of natural disasters, and utilize our current resources.

### **SHARING OUR RULE BOOKS**

As it stands, most laws and regulations that are in place are on national or state levels. Over the years, however, the world has come to realize that certain issues require rules that apply universally. This is because their ramifications can potentially extend beyond country borders. Such issues tend to have either have major ethical implications (biotechnology) or major economic ramifications (international labor and migration). It is therefore of key importance to ensure that the international community is in agreement in setting these universal regulations.

#### ■ **Reinventing Taxation for the 21<sup>st</sup> Century (H313)**

Taxes are the topic hotly debated everywhere. As this goes to print, the United States Presidential election pits republicans and democrats against one another with diametrically opposed views on taxation. Whether it is loopholes in our tax systems or the need for green taxes to incentivize people to be more energy efficient, we need to suggest reforms to tax systems. Can we find mutually agreeable solutions?

#### ■ **Biotechnology Rules (H333)**

Biotechnology may only be in its nascent stages in development, but it is already in need of regulation. Whether it's transgenic plants and animals, cloning, stem cell research or new medical treatment technologies, biotechnology needs rules, for ethical and environmental reasons. How can we draw a fine balance between rules and still allowing for innovations in biotechnology?

#### ■ **Global Financial Architecture (H317)**

The structure of the world's economy affects us all, influencing prices, lack of jobs, and the availability of resources. It can bring macro economies to new heights or new lows. Given that we've been observing the latter in the past few years, it is evident that our financial structures are in need of major reforms. Such reforms could include enforcing new rules in responding to a crisis, or having last-resort lenders bail out failing economies. It is agreed that reforms are necessary in our global financial architecture. The difficulty is getting past political division so all parties can agree on a common solution, before the next recession occurs.

#### ■ **Illegal Drugs (H316)**

Lucrative but illegal drugs can lead to a range of negative effects on users and society. Whether it is because of the criminal acts or the damages to health that emerge from illicit drugs in our society, we must examine the issue closely to find a way out of the cycle of abuse, misused power and corruption the illegal drug trade sometimes generates. Can we overcome the controversy with creative alternatives to violence used by drug cartels?

■ **Trade Investment and Competition Rule**

It is the source of contention between the rich and poor world: inequality in investment and competition. Whether it is in the trade disputes or cries of job losses in the rich world, our globalized free markets are threatened by self-defeating curtains of protectionism and mercantilism. We need to come up with a common rulebook to avoid the curtains from falling. But, like the differences in wealth between the rich and poor countries, can we put aside our differences and compromise on a common rulebook?

■ **Intellectual Property Rights (H311)**

Intellectual Property Rights (IPR) have been responsible for the endless innovations across the world. The very existence and efficacy of IPRs are being threatened by weak enforcement and the extent to which IPRs operate throughout the world. We need worldwide legislation on IPRs to solve the issue. Can we compromise on a global framework or will we be divided over the boundaries and functions of IPRs?

■ **E-Commerce Rules**

The newest way to do commerce, E-Commerce allows us to buy more things from anywhere on the globe. However, whether it is by the question of tax, advertising law, or who serves as an arbiter of dispute between the involved parties, E-Commerce is being threatened. We need to develop a global common rulebook to manage global E-Commerce. But, just as E-Commerce currently has no arbiter of disputes, will we be able to overcome the lack of guidelines to establish rules on E-Commerce?

■ **International Labor and Migration Rules (H325)**

It's only natural in a globalized world to have migration. Whether it's to prevent a declining population in rich countries or overcrowding in poorer countries, migration occurs. Yet, migration also involves human trafficking and abuse in the migrant's new country, unless we can develop a global regulatory framework to curb these practices. But, just as migrants can find it hard to adapt in a new country, we will find it hard to develop a global framework on migration rules, unless we are willing to compromise with a common goal in mind.

## HIGH SCHOOL NON-GOVERNMENTAL ORGANIZATIONS (NGOS)

### NGO Workshop I Saturday, 10 November 9:15am – 10:15 am

- JGIS - H204 (30 pax max capacity)
- JUMP! - HS Library (75 pax max capacity)
- Empty Bowls - Art Suite H100D (22 pax max capacity)
- WWF - Drama Theater (250 pax max capacity)
- Hannah Taylor - M301 (100 pax max capacity)
- Yayasan Emmanuel - MS Library - 1 (75 pax max capacity)
- Eco Sing - HS Library Media Center (LMC) (60 pax max capacity)
- Quest University - MS Library - 2 (40 pax max capacity)

### NGO Workshop II Saturday, 10 November 12:30pm – 1:30 pm

- JGIS - H204 (30 pax max capacity)
- JUMP! – H104 (40 pax max capacity)
- Empty Bowls - Art Suite H100D (22 pax max capacity)
- Grant Pereira, Green Volunteers - H201 (40 pax max capacity)
- Hannah Taylor - M301 (100 pax max capacity)
- Yayasan Emmanuel - MS Library - 1 (75 pax max capacity)
- Biosphere Foundation -1- HS Library (75 pax max capacity)
- Biosphere Foundation - 2 - HS Library Media Center (LMC) (60 pax max capacity)
- A Clean Thirst - H103 (40 pax max capacity)
- Tabitha - H202 (30 pax max capacity)
- Quest University - MS Library - 2 (40 pax max capacity)
- Gawad Kalinga - H102 (40 pax max capacity)

### NGO WORKSHOPS I AND II AT A GLANCE

NB: First come, first served, once a session has reached capacity it will be closed to additional delegates to find another NGO workshop with available space. Please plan ahead, select several choices and be flexible. Thank you.

NGO	NGO WORKSHOP 1 VENUE	MAX CAPACITY	NGO WORKSHOP 2 VENUE	MAX CAPACITY	GLOBAL VILLAGE STALL AT PEACE CONCERT	NGO FAIR STALL IN HS FOYER ON SATURDAY
JGIS	H204	30 pax	H204	30 pax	YES	YES
JUMP!	HS Library	75 pax	H104	40 pax	YES	YES
Empty Bowls	H100D	22 pax	H100D	22 pax	NO	NO
WWF	Drama Theater	250 pax			YES	NO
Hannah Taylor	M301	100 pax	M301	100 pax	NO	NO
Yayasan Emmanuel	MS Library	75 pax	MS Library	75 pax	NO	NO
ECO Singapore	HS Library Media Center (LMC)	60 pax			NO	NO
Grant Pereira, Green Volunteers			H201	40 pax	NO	NO
A Clean Thirst			H103	40 pax	NO	NO
Tabitha			H202	30 pax	NO	NO
Quest University	MS Library	40 pax	MS Library	40 pax	YES	YES
Biosphere Foundation-1			HS Library	75 pax	NO	NO
Biosphere Foundation-2			HS Library Media Center (LMC)	60 pax	NO	NO
Gawad Kalinga			H102	40 pax	NO	NO



■ **Jane Goodall Institute**  
<http://www.janegoodall.org.sg>

### WORKSHOP TOPIC: HUMAN-MACAQUE CONFLICT

(NGO WORKSHOP I AND II – VENUE FOR BOTH IN H204, 40 PAX, PEACE CONCERT AND NGO FAIR)

Many people have forgotten that land-scarce Singapore should be shared with our wildlife. For instance, we should strive to understand long-tailed macaques living within our environment in order to live in harmony with them. Our misunderstanding of these extraordinary creatures have led to ongoing human-macaque conflicts in Singapore. As a result, the native macaque population is significantly affected as residential development encroaches into their habitat, destroying important wildlife corridors. Increasing complaints about their aggressive behaviour in public areas exacerbate matters and while culling is seen as a quick fix to this problem, it is an unpalatable solution to most.

The main objective of this workshop is to generate interest in the plight and situation of the macaques as well as to lessen the severity of the human-macaque conflict by instilling appropriate behavior towards macaques. This will be done through an educational card game based on the popular card game, Saboteur. Targeted at school-aged pre-teens and teens, we hope that the engaging game play and authentic scenarios in the game will encourage youths to do their part to make a positive difference in the conservation and appreciation of macaques and other wildlife.

■ **JUMP!**  
<http://www.jumpfoundation.org>

Alex 'A Mac' Macleish, Program Manager at the JUMP! Foundation, Princeton-in-Asia Fellow

### WORKSHOP TOPIC: GLOBAL CHAOS AND LEARNING SERVICE– UNDERSTANDING THE COMPLEXITY AND INTERCONNECTEDNESS OF GLOBAL ISSUES

(NGO WORKSHOP I VENUE IN HS LIBRARY, 75 PAX AND II VENUE IN H104, 40 PAX, PEACE CONCERT AND NGO FAIR)

The world is filled with difficult challenges and problems – some date back millennia while others have only recently emerged. Making these challenges even more difficult to solve is the fact that it is an intricate puzzle, where every issue is in some way connected to all of the other issues. Want to reduce poverty? How can it be done without providing quality education? How can the best education be offered if we don't have access to the internet and wealth of knowledge and connections that comes with it? What good will increasing wealth and levels of education do if we don't consider the importance and interdependence of our natural environment? How can we accommodate all of the different cultures and values around the world into a global platform for addressing these problems? At its core, this is what Global Issues Network is all about, and the reason you're here. You want the knowledge, tools, and skills that will help you make a difference. It's not going to be easy, but we can do it. Join JUMP! in an interactive exploration of the complexity and interconnectedness of global issues that will inspire and empower you to engage meaningfully in the world of service and development.

■ **Empty Bowls**  
<http://www.emptybowls.net>

### WORKSHOP TOPIC: ENDING HUNGER

(NGO WORKSHOP I AND II – VENUE FOR BOTH IN ART SUITE H100D– NB: MAX CAPACITY IS 22 PAX PER WORKSHOP)

Empty bowls is an organization started by a group of potters in the U.S. with the intention of using their skills to help aid world hunger. The idea was to create an event that served a simple meal in handmade pottery bowls. Musicians played music and some attention was given to a hunger aid organization.

Students participating will enjoy the opportunity to make the bowls in the SAS Art Suite H100D, lead by HS Ceramics teacher, Ms. Ellen Levenhagen, Sponsor of Empty Bowls, that will be a part of a fundraiser that will happen later in the semester most likely around Thanksgiving time. Workshop participants' work will become part of an annual tradition at Singapore American School where students and faculty can buy meals in bowls made by ceramics students and all proceeds go to Empty Bowls.

■ **World Wildlife Fund**

<http://www.wwf.sg>

**WORKSHOP TOPIC: IMPORTANCE OF CONSERVATION**

(NGO WORKSHOP I VENUE IN DRAMA THEATER, 250 PAX, PEACE CONCERT)

WWF Singapore raises awareness among youths on sustainable living and conservation issues, including wildlife and habitat conservation, climate change, sustainable seafood and deforestation, how these issues affect them and how they can play a part to protect the environment.

The session will be centered around the key question, "How can we lower our ecological footprint?". Participants will be introduced to the concept of the ecological footprint, and WWF's work to address the ecological footprint globally will be featured. Participants will also get an opportunity to discuss and propose some ideas on how to lower their personal and school footprint.

■ **Grant Pereira**

<http://thegreenvolunteers.blogspot.sg>

**WORKSHOP TOPIC: TAKING ACTION TO REMEDIATE THE ENVIRONMENT**

(NGO WORKSHOP II VENUE IN H201, 40 PAX)

Grant Pereira is the head of the Green Volunteers Network. In 2000, he was awarded the Green Leaf Award by the Ministry of Environment. On the International scene, he is the Asian Educational Coordinator for the Seashepherd Conservation Society and sits on their International Board of Advisors. He is a registered nature guide with the Singapore Tourism Board. When asked about the environment and his involvement, here's what Grant had to say

*"Life is short but try and make it as broad as you can. Don't just sit back and moan and groan about the environment – do something – go plant mangroves or clean a beach. Roll up your sleeves and come join us for a mangrove cleaning or replanting session. There's a great satisfaction in getting your feet wet and hands dirty knowing that you helped in a very small way of making Singapore (and the world) a little bit cleaner and greener and most importantly, never be afraid to speak the truth to power – it's one of the qualities of a true patriot."*

■ **Gawad Kalinga**

<http://www.gk1world.com>

**WORKSHOP TOPIC: ENDING POVERTY**

(NGO WORKSHOP II, VENUE IN H102, 40 PAX)

Gawad Kalinga was founded in 1995 when its founder, Tony Meloto, started a youth development program in one Filipino village to reach out to gang members and juvenile delinquents. Today, GK has integrated itself into 2,000 communities in the Philippines and other developing countries including Indonesia, Cambodia, and Papua New Guinea and works to bridge the gap between the rich and the poor.

■ **Hannah Taylor**

<http://www.ladybugfoundation.ca>

**WORKSHOP TOPIC: HELPING THE EQUALLY DESERVING**

(NGO WORKSHOP I, II, VENUE FOR BOTH IN M301, 100 PAX, KEYNOTE SPEAKER #3)

Hannah is a regular teen just like us. Her zest for life extends to her love for people, nature, writing, and drawing. She is the published author for the children's book called Ruby's Hope, a beautifully written and illustrated story that inspires hope and caring, and empowers its readers to get involved and make change at any age. By 8, Hannah founded The Ladybug Foundation Inc. and has become the innocent face of the homeless, seeing their plight and speaking for them across Canada and many other parts of the world. Hannah has spoken to over 175 schools, events, and organizations. She believes that everyone deserves a roof over the head and enough to eat as basic human rights.

- **Emmanuel Lamonier – Yayasan Emmanuel**  
<http://www.yayasan-emmanuel.org>

### **WORKSHOP TOPIC: REACHING OUT TO THE NEEDY**

(NGO WORKSHOP I, II, VENUE FOR BOTH IN MS LIBRARY-1, 74 PAX, KEYNOTE SPEAKER #3)

Yayasan Emmanuel operates all over Indonesia, running several orphanages and offering seven programs that focus on education, health services, food, water, and entrepreneurship. Its Educational Outreach Program has provided more than 13,400 scholarships in 500 schools and enabled more than 1,240 students to graduate from high school. Similarly, its other programs have brought incredible amounts of resources to hundreds of thousands of people.

- **The Biosphere Foundation**  
<http://www.biospherefoundation.org>

### **WORKSHOP TOPIC: ENVIRONMENTAL CONSERVATION AND STEWARDSHIP**

(TWO SEPARATE SIMULTANEOUS NGO WORKSHOPS II, VENUE #1 IN HS LIBRARY, 75 PAX, VENUE #2 IN HS LIBRARY MEDIA CENTER, LMC, 60 PAX)

The Biosphere Foundation is long established (founded in 1991) in environment conservation with an extensive history of a hands on approach to the work. BF's mission is to inspire intelligent stewardship of our earth's biosphere. The founder, Abigail Kingsley Alling (keynote), a highly respected scientist on the sustainability of our planet, provided the information about coral reef degradation due to climate change that prompted Al Gore to include these results in the film, "An Inconvenient Truth".

Workshop #1 HS Library: The topic of Cynthia Lazaroff's workshop will be about the Biosphere Foundation's (BF) marine conservation and educational programs.

Workshop #2 HS Library Media Center (LMC): The topic of Sally Silverstone's presentation will be about her experience as Co-Captain living inside and managing the agricultural and food systems in Biosphere 2.

- **A Clean Thirst**  
<http://www.acleanthirst.com>

### **WORKSHOP TOPIC: TAP WATER IS BETTER**

(NGO WORKSHOP II, VENUE IN H103, 40 PAX)

A Clean Thirst encourages establishments that sell bottled water to offer its clients the choice of filtered tap water. It's as easy as buying a filter. We started A Clean Thirst in order decrease the amount of harmful bi-products that result from shipping in foreign bottled water, such as CO2 and waste plastic.

A Clean Thirst is currently looking at recruiting individuals to lead the organization in Asia, and during the GIN conference our aim will be to inform potential recruits of the many benefits which can be gained by using filtered water.

Luca Clavell, director of Operations for A Clean Thirst, will be speaking to the audience about the benefits of using filtered water. She will present the objectives and actions taken so far by A Clean Thirst to work towards them. In addition, Clavell will be interacting with the audience on why people sometimes feels uneasy about drinking 'tap' water; a taboo topic in the hospitality industry. The perceptions of tap water will be elaborated on, after which there will be water tastings. Finally, the audience will learn how they and their local communities can help A Clean Thirst.

- **ECO SINGAPORE**  
<http://www.eco-singapore.org>

### **WORKSHOP TOPIC: WATER, WATER, EVERYWHERE, BUT NOT A DROP TO DRINK.**

(NGO WORKSHOP I, VENUE IN HS LIBRARY MEDIA CENTER, LMC, 60 PAX)

ECO Singapore focuses on getting our youth leaders to relook their consumption habits, change themselves and lead the way in their community. Water. Without it, a human will die in 3 days. Yet, how many of us appreciate how difficult it is to obtain clean, drinkable water, and how much we are wasting and polluting? In this workshop, find out the water challenge facing people around the world, see how Singapore is overcoming our water challenge and recognise what you can do to protect this precious resource for your and future generations to enjoy!

■ **Tabitha Cambodia**

<http://www.tabitha.ca/cambodia.html>

**WORKSHOP TOPIC: ROAD TO SELF-EFFICIENCY**

(NGO WORKSHOP II, VENUE IN H202, 30 PAX, PEACE CONCERT GLOBAL VILLAGE STALL)

Tabitha Cambodia was set up in 1994 by Janne Ritskes. Since then, it has worked with over 1.8 million Cambodians in the country's poorest communities. Tabitha's philosophy of self-help is designed to promote self-sufficiency and dignity through savings, counselling, and goal-setting programmes. 75% of all Cambodians still have no access to clean water or a safe place to sleep, and eat only one very basic meal per day.

■ **Quest University of Canada**

<http://www.questu.ca>

**WORKSHOP TOPIC: HOW TO APPLY GIN TO YOUR UNIVERSITY EXPERIENCE**

(NGO WORKSHOP I, AND II, VENUE FOR BOTH IN MS LIBRARY-2, 40 PAX, STALL AT PEACE CONCERT GLOBAL VILLAGE, TABLE AT NGO FAIR)

Students exert exceptional efforts in GIN clubs at their high schools to help raise awareness about issues of global concerns. How can students continue raising awareness about these issues at university? Quest University Canada students have found a way to do just that. Keely Stott, Director of Admissions at Quest and the staff support person for the QuestGIN Club, will discuss the unique approach to learning at Quest and how it allows you to work collectively and independently on global issue projects.

## EMERGENCY RESPONSE SIMULATION

The Saturday night activity at GINSING will be a crisis simulation. Delegates will be placed on teams of approximately ten and will need to make a number of decisions based on the situations in which they find themselves.

The purpose of the simulation is to make delegates appreciate the complexity of giving aid in times of crisis. It will also make delegates grapple with issues such as which form of aid is most appropriate for schools to be giving. It is hoped that delegates will appreciate that certain skill sets are far more needed and necessary at certain stages during post-disaster situations.

The simulation will place all delegates in a situation where they are asked to respond to a crisis in which they inadvertently find themselves. The situation unfolds in a way that will evoke empathy, but also reveal to the delegates that there are different considerations and forces at play during a crisis. The stimulus material given to delegates will vary from photographs to oral reports, official documents and budget/price lists. Delegates will need to make decisions that will demand that they consider a number of factors – often these may seem at odds with each other.

As the simulation progresses the nature of the decisions made by the delegates will determine the direction of their future efforts. Their reactions to the crisis will eventually place them in one of three areas of action: Rescue, Reconstruction or Recovery. They will be made to write proposals to third party players; allocate budgets and consider the short, medium and long-term implications of their decisions.

It is through this reflection on decisions that individuals make when confronted by natural disasters that delegates will come to a greater understanding of the forces at play in these situations.

## UWCSEA EAST MIDDLE SCHOOL SCHEDULE

### THURSDAY, NOVEMBER 8, 2012: OFFSITE

TIME	EVENT	VENUE
All Day	<ul style="list-style-type: none"> <li>• Bus Pick-up at Airport. Transfer to first stop at V-Hotel</li> <li>• Registration of Delegates at V-Hotel (T4T Shirt Exchange)</li> <li>• For Delegations not staying at V-Hotel, transfer to Camp Challenge, Elizabeth Hotel, Riverview Hotel and Moon Hotel</li> </ul>	<ul style="list-style-type: none"> <li>■ Changi Airport</li> <li>■ V-Hotel</li> <li>■ Various Hotels</li> </ul>

### FRIDAY, NOVEMBER 9, 2012: OFFSITE, SAS AND UWCSEA EAST

TIME	EVENT	VENUE
7:00am	• Delegates have breakfast at respective hotels before boarding bus to V-Hotel	■ Hotels
6:30am – 8:00am	• Breakfast for Delegates at V-Hotel	■ V-Hotel
8:00am	• Bus Pick-up from Camp Challenge, Elizabeth Hotel and Riverview Hotel to V-Hotel	■ Hotels
9:30am – 3:30pm	<ul style="list-style-type: none"> <li>• Board Buses to Wallance Environmental Learning Lab (WELL) <a href="http://www.well.sg">http://www.well.sg</a></li> <li>• Environmental Learning</li> <li>• Sustainable Picnic</li> <li>• Global Action Network Groups (GANGs)</li> <li>• Activities with JUMPI Foundation <a href="http://www.jumpfoundation.org">http://www.jumpfoundation.org</a></li> </ul>	■ Wallance Environmental Learning Lab (WELL) in Dairy Farm Nature Park
3:30pm	• Bus Transport to SAS	■ SAS High School
4:00pm	• Gather at SAS (change into Conference T-shirt and store bags)	■ SAS High School
4:30pm – 6:30pm	<ul style="list-style-type: none"> <li>• SAS Dance Performance – “Man in The Mirror”</li> <li>• Keynote #1 – <b>John Wood</b> <i>Founder and Co-Board Chair of “Room to Read”</i></li> <li>• Opening Performance – Epic Arts</li> <li>• Keynote #2 – <b>Scott Hammell</b> <i>Find Your Passion &amp; Make It Happen</i></li> </ul>	■ SAS High School Gym
6:30pm – 7:30pm	• DINNER for Delegates and Sponsors	■ SAS Middle School Cafeteria (HS Delegates) ■ SAS High School Cafeteria (MS Delegates)
6:30pm – 10:00pm	• Peace Concert and Global Village	■ SAS Stadium Field
9:00pm – 10:15pm	• Staggered Bus Departure from SAS High School to V-Hotel	■ SAS High School to Various Hotels
10:00pm	• Single Bus Departure (on one large bus) to Elizabeth Hotel, Campu Challenge and Riverview Hotel leaving at 10:00pm	

### SATURDAY, NOVEMBER 10, 2012: OFFSITE AND UWCSEA EAST


TIME	EVENT	VENUE
7:00am – 8:00am	• Delegates have breakfast at respective hotels before boarding bus to UWCSEA East	■ Hotels

8:15am	• Bus Pick-up at Camp Challenge, Elizabeth Hotel, Riverview hotel and V-Hotel to UWCSEA East	■ Hotels
9:00am – 9:30am	• Carbon Footprint Activity and Global Lives Project <a href="http://globallives.org/en/">http://globallives.org/en/</a>	■ Tent Plaza
9:30am – 10:15am	• Keynote #1 – <b>Rob Dyer</b>	■ Auditorium
10:15am – 10:30am	• TEA BREAK	■ Block D Landing
10:30am – 11:30am	• GANGs Sharing Schools will share ideas from their school with group, facilitated by UWC students • GIN Adult Workshop	■ Block D Classrooms
11:30pm – 12:30pm	• LUNCH	■ Main Hall
12:30pm – 1:15pm	• Keynote #2 – <b>Louis Ng &amp; Joel Simonetti</b>	■ Auditorium
1:15pm – 1:30pm	• TEA BREAK	■ Block D Landing
1:30pm – 2:30pm	• NGO Workshops/School Workshops	■ Block D Classrooms
2:30pm – 3:00pm	• TEA BREAK	■ Block D Landing
3:00pm – 4:00pm	• NGO Workshops/School Workshops (cont'd)	■ Block D Classrooms
4:00pm – 5:00pm	• Stunt and Event	■ Main Hall
5:00pm – 6:00pm	• Team Building and Activities	■ Sports Hall
6:00pm – 7:00pm	• DINNER & ACTIVITY	■ Main Hall
7:00pm	• Bus Transport from UWCSEA East to Hotels	■ UWCSEA East to Various Hotels

## SUNDAY, NOVEMBER 11, 2012: OFFSITE AND UWCSEA EAST

TIME	EVENT	VENUE
7:00am – 8:00am	• Delegates have breakfast at respective hotels before boarding bus to UWCSEA East	■ Hotels
8:15am	• Bus Pick-up at Camp Challenge, Elizabeth Hotel, Riverview & V-Hotel to UWCSEA East	■ Hotels
9:00am – 9:30am	• Earth Connection Arrival Activity	■ Tent Plaza
9:30am – 10:15am	• Keynote #3 – <b>Tania Palmer &amp; Justin Bedard</b> <i>JUMP! Leading to Action Plans</i>	■ Auditorium/Main Hall
10:15am – 10:30am	• TEA BREAK	■ Block D Landing
10:30am – 11:30am	• Action Planning in Schools and Access to NGO's & Mentors	■ Block D Classrooms
11:30am – 12:30pm	• LUNCH and NGO Fair • GIN Adult Workshop/Table at Lunch for JIS Session	■ Canteen
12:30pm – 1:30pm	• Action Plan in School Groups • Action Sharing by City, by Country and Region	■ Block D Classrooms
1:30pm – 2:30pm	• CLOSING CEREMONY • A Celebration of Action – What Next?	■ Auditorium
2:30pm	• Bus Transport from UWCSEA East to Changi Airport (available to schools based on flight schedule) • Bus Transport from UWCSEA East to Hotels (if staying late)	■ UWCSEA East to Changi Airport or Hotels

# East Campus Map

SPORTS COMPLEX AND CANTEEN	
L3	SPORTS FIELD
L2	CANTEEN SPORTS AND ACTIVITIES OFFICE SWIMMING POOL
L1	BLACK BOX THEATRE MAIN HALL SPORTS HALLS
BLOCK A	
L6	VISUAL ARTS
L5	AUDITORIUM CONFERENCE CENTRE
L4	DRAMA LINK BRIDGE TO BLOCKS B, C, D 
L3	ADMINISTRATION (FINANCE, HR) COMMUNICATIONS COUNSELLING
L2	ADMISSIONS BOARD ROOM HEAD OF CAMPUS Kishore Mahbubani LIBRARY
L1	EXAM HALL FACILITIES MUSIC
BLOCK B	
L3-L6	CLASSROOMS
L2	JUNIOR SCHOOL OFFICE MIDDLE SCHOOL OFFICE PRIMARY SCHOOL LIBRARY
BLOCK C	
L3-L6	CLASSROOMS
L3	INFORMATION TECHNOLOGY
L2	CASHIER NURSE RECEPTION
L1	TRANSPORT OFFICE
BLOCK D	
L3-L6	CLASSROOMS
L2	HIGH SCHOOL OFFICE PARENTS' ASSOCIATION UNIVERSITY ADVISING
INFANT BLOCK	
L2-L4	CLASSROOMS
L2	INFANT LEARN-TO-SWIM POOL INFANT SCHOOL OFFICE
L1	INFANT HALL

SWIMMING POOL

MAIN HALL  
BLACK BOX THEATRE

ADMISSIONS

AUDITORIUM  
CONFERENCE CENTRE

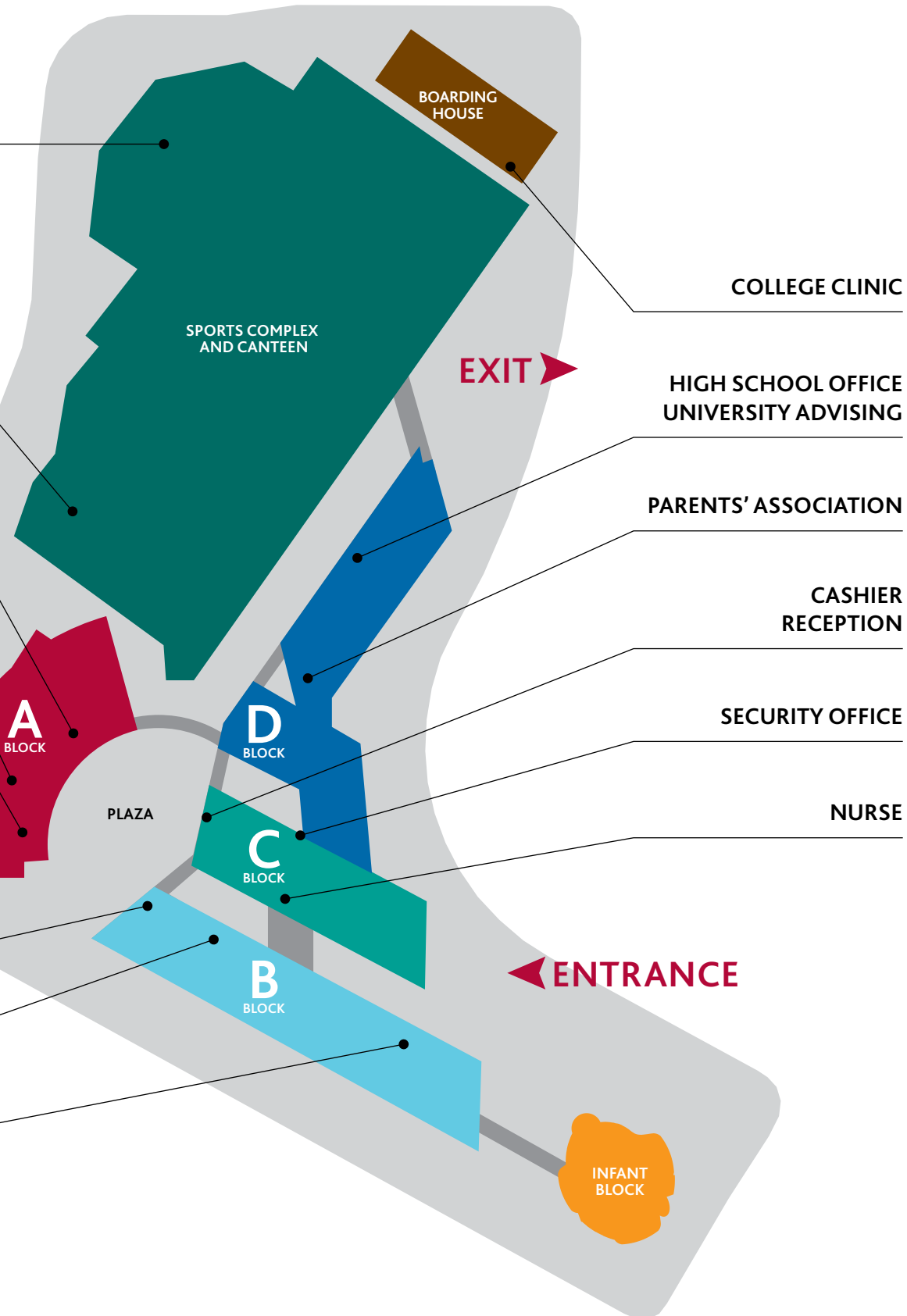
Kishore Mahbubani LIBRARY

MIDDLE SCHOOL OFFICE

JUNIOR SCHOOL OFFICE

PRIMARY SCHOOL LIBRARY





## MIDDLE SCHOOL ECOCARE EXCURSION WALLACE ENVIRONMENTAL LEARNING LAB (WELL), DAIRY FARM NATURE PARK



The middle school portion of the ecoCare Excursions will take place at the Wallace Environmental Learning Lab (WELL) at Dairy Farm Nature Park. Formerly a cowshed, WELL has been transformed into an interpretive centre where students can discover Singapore's natural heritage through the collaborative efforts of National Parks Board (NParks) and Raffle's Girls' Secondary School. At WELL, the MS GIN delegates will be provided the opportunity to enrich their leadership skills and learn about pressing global issues through a series of activities led by the JUMP! Foundation. Delegates will also be exposed to what nature conservation is all about through NParks.

Justin Bedard created The JUMP! Foundation in 2006. The Foundation seeks to educate the youth community on the topics of leadership and global citizenship. In just six years, JUMP! has become a strong network of facilitators, partners and advisors across the globe and have already inspired over 3,500 youths across Europe, Asia, North America, and Africa. At WELL, JUMP! facilitators will continue to challenge the GIN delegates to step up and take action—to affect change in their surroundings. Utilizing the natural landscape, JUMP! will provoke delegates to explore and reflect their personal views; ultimately, find their respective passion amongst the global issues proposed by Jean-François Richard.

Singapore National Parks Board (NParks) is responsible for enhancing greenery in Singapore through not only green infrastructure, but also managing over 300 parks and 4 nature reserves. As the lead agency on nature conservation in Singapore, NParks has developed an urban biodiversity conservation model, which aims to conserve representative eco-systems in land-scarce Singapore. Furthermore, NParks works closely with partners in the green industry and horticulture in order to maximize productivity in Singapore. At WELL, NParks will share their success story with the delegates and inspire the youth with a model of striving towards sustainable living.

*Special thanks for the use of WELL goes to Ms. Tan Beng Chiak, Lead Biology Teacher at Raffles Girls School (RGS), Singapore's flagship school for the top secondary school girls. RGS, under Ms. Tan's leadership was awarded a grant to design and equip WELL from the bottom up. RGS has gifted the use of WELL for MS GIN under the guidance of Ms. Martha Began of SAS, a member of the Wallace Environmental Learning Lab Community of Teachers (WELLCOT) in Singapore, who will oversee the MS GINSING ecoCare visit. Over fifteen years of close collaboration to design environmental education programs has been nurtured by a team of like-minded local and expat teachers from RGS and SAS, National Institute of Education (through Dr. Shawn Lum, keynote), Henry Park Primary and other local schools. Through annual Nature Learning Camps, Dr. Jane Goodall Symposia and myriad student exchanges these educators have partnered to bring outdoor, environmental education to primary and secondary students beyond the written curriculum.*

## MIDDLE SCHOOL GLOBAL ACTION NETWORK GROUPS (GANGS)

### CONFLICT RESOLUTION

No matter the time or place, conflict will always exist; it is the dolorous, unavoidable reality. Often, the difficulty in solving conflicts is in attacking the root causes and gaining a complete understanding of the conflict itself. In resolving conflicts, fairness and understanding toward all parties involved is important. Negotiation and compromise is also needed to reach a peaceful solution. Can we find a way to ensure all this and resolve conflicts in societies everywhere?

#### ■ Natural Disaster

Natural disasters are unpredictable, damaging, and incredibly costly forces of nature. They are capable of causing the loss of human life, driving families out of their homes, as well as inflicting irreversible destructive forces onto societies and economies. Although we cannot fully predict the timing and impact of natural disasters, solutions to mitigate and prevent their costly effects are well within our reach, such as stilted houses to prevent flood damage and protection of mangroves to absorb storm damage, just to name a few. The solutions lie in how we choose to plan ahead, understand the effects and implications of natural disasters, and utilize our current resources.

### ■ HIV/Aids and Other Diseases

Infectious or noncommunicable diseases, many of which can be prevented or cured, kill more people than war and conflict. Developing countries, where people are plagued by killers such as malaria and tuberculosis, are especially vulnerable. HIV/AIDS is another major disease with effects on a global scale. The World Health Organization estimated that in 2002, 11 million died from infectious diseases. Simple technology such as mosquito nets, water filters, vaccines, and medicine are some short-term solutions, but in order to sustainably prevent death by disease, we need to improve access, infrastructure, and education.

### ■ Universal Primary Education

It's the reason why you're here: education. Without education for all, we cut the opportunity for millions of people to have a better future. Education is the key to breaking the poverty cycle and ensuring a better future for all. Without the skills or knowledge needed in most jobs, people without education are often coerced to make a living in illegal industries – for example, poaching – or through crime. Because education is at the centre of many other issues, it is imperative for us to allow everyone to have the right to education.

### ■ Animal Rights

Abusing animals is perhaps one of our most sanctimonious acts. Whether it is by inhumane hunting, slaughtering, torturing, or trading, it is utterly wrong to violate the right of animals to live free and undisturbed. Like people, animals should also have the right to protection, family, and essential resources. Moreover, they deserve their living space just as much as we do. After all, humans and animals are all inhabitants of the same earth. Is it right that humans should use animals as property and deprive them of their lives?

### ■ Maritime Pollution

The ocean surrounds us, covers 71% of the earth, and contains 97% of our water. But who owns the ocean? Because much of it is open to everyone, the ocean has been abused as the dumping grounds of our trash. But, the ocean is not our garbage can; it's a place of an abundant amount of marine life, adding value to our ever attenuating bio-diversity. Unless we can reduce pollution, our blue ocean might as well be called our big rubbish bin.

### ■ Debt Relief

It is everywhere on the news recently: the debt crisis that every country faces. Be it in developed countries or developing countries, mounting debt perpetually will impede growth in the future. With growth impeded, national income will not rise. Without a rising income, we are preventing millions of people from ever escaping the poverty cycle. Like politicians today in Brussels, Washington, or anywhere else, we need to solve the mounting debt.

### ■ Improving Maternal Health

Pregnancy is the start of a new life and new opportunities. But some women face serious health problems during pregnancy, childbirth, and the postnatal period, including haemorrhage, infection, high blood pressure, unsafe abortion, and obstructed labour. According to the World Health Organization, up to 358,000 women die in pregnancy or childbirth every year. Maternal mortality is especially high in developing countries, though most maternal deaths can be easily prevented by improving health care. Between 1990 and 2010, maternal mortality worldwide decreased by almost 50%, but 800 women still die from issues in pregnancy or childbirth. How can we further reduce health dangers for pregnant women?

### ■ Reduce Child Mortality

Every day, 29,000 children from ages 0–5 die of myriad causes – disease, abuse, hunger, and more. Most of these deaths are preventable. We cannot let these unnecessary deaths occur any longer. We cannot let the families of these young victims undergo the emotional distress that one experiences when a new family member passes away. We cannot let infants die of malaria, diarrhea, and pneumonia when they are so easily preventable with modern technology. There is no excuse for not working towards reducing child mortality rates; after all, children are our future.

### ■ Sustainable Cities

In the past century, we have seen farms become urban centers, countrysides become metropolises, and rural villages become bustling beacons of modernity. Cities are now home to half of the human population. However, as modern technology advances and more and more people flock to the cities, such areas have increased their negative environmental impact exponentially. Not only can busy cities not sustain the environmental damage they are doing now, but they also cannot maintain the ever-growing population rates for much longer. According to the UN, they occupy just 2% of the world's land but account for 60–80% of energy consumption and 75% of carbon emissions. We need to find sustainable solutions that allow the world to keep its cities while decreasing environmental impact and ensuring that living conditions are kept stable, before it's too late.

### ■ Cultural Equality

Our culture and traditions have been passed down through the generations. As we all come from different peoples and places, we all have different customs that we cherish. But some societies still retain behaviours of intolerance that suppress people from having the right to cherish their cultures. We live in not a homogenous but in a heterogeneous world, where we need to learn how to respect the culture of others. By doing so, we can partake of the cultural diversity around us and understand and relate to others.

### ■ Environmental Sustainability

The natural environment is where we all live and get resources from. But with our profligate use and abuse of the environment, we have greatly damaged and threatened sustainable coexistence of humans and the rest of the environment. We need to be conscious of our ecological impact and reduce it as much as possible. Unless we find a way to use our natural resources in a sustainable way, our environment will not be able to recover before it's too late.

### ■ Eradicating Poverty and Hunger

It's a human tragedy that we can solve: poverty. Impoverished people struggle to obtain basic necessities such as food, shelter, and water and lack the means to escape the poverty cycle. It is unjustifiable that we have kids living on the streets without having enough money for staple food while in other countries we are profligately wasting our food. Poverty is imperative for us to solve as it's a core cause of many other issues. How can we implement sustainable long-term solutions to prevent poverty and hunger on a global scale?

### ■ Child Rights

Rather receiving education to achieve bright, stable futures, some children are manipulated for the self-interests of others and are completely stripped of their rights. Whether it's being a child soldier, slave, or labourer, the exploitation of a child as a piece of property is a heart-wrenching, human tragedy. If we want a better world, we must provide children with a safe environment in which they can grow and learn, because they will be the next leaders, scientists, artists, and makers of society, and they will determine the future.

### ■ Promoting General Equality and Empowering Women

Women, who make up half of the human population, account for two-thirds of all hours worked globally, receive 10% of the world's income, and own 2% of the world's land. Even in modern societies today, antiquated patriarchal ways still exist. Securing rights for women and increasing their access to education, health care, jobs, and other services can improve the economic well-being of society and solve major global issues such as poverty and overpopulation. Women are capable, valuable members of society, and we need to empower them to ensure a better future.

### ■ Deforestation

Forests provide more than just the paper, wood, medicines, and energy that lie among many of our everyday commodities—they are a means of life. Whether it's the misty cloud forests of the Canary Islands or the colossal rain forests of the Amazon, our forests provide us with the oxygen we breathe as well as absorb the carbon dioxide of our atmosphere. Our lush forests are home to great biodiversity, like the Orangutan, the panther, and the panther—some of which cannot survive without the presence of forests. To ensure a future of resource security and a safer environment for our precious biodiversity and our descendants, we must use our forests in a sustainable manner.

## MIDDLE SCHOOL NON-GOVERNMENTAL ORGANIZATIONS (NGOS)

The Middle School GINSING Conference will be welcoming a variety of NGOs to participate in our NGO workshops and NGO fair at the Peace Concert. With varied humanitarian and environmental objectives as well as a wide range of demographic focuses, these NGOs will bring the service aspect of GIN to life.

### ■ JUMP!

The JUMP! foundation aims to educate youth in leadership skills and global issues in workshops and training programs, which have inspired, empowered, and engaged 3500 youths across Europe, Asia, North America, and Africa.

### ■ EPIC Arts

Using all forms of visual and performing arts to reach out to those with physical and learning disabilities, EPIC Arts is a charity that believes that Every Person Counts (EPIc). EPIC Arts runs arts workshops and creates performances to encourage acceptance, raise awareness, increase access to the arts, enable the discovery of new skills, and build self-confidence.

### ■ BSDA

Buddhism for Social Development Action works towards a peaceful and poverty-free society by empowering women, children, and marginalized people. It has implemented projects focused on education, health, good governance, and climate change.

### ■ Chumkriel Language School

CLS aims to help the Chumkriel Community of Cambodia secure better life opportunities by providing free access to education. Its three learning programs offer English education, scholarships, and creative learning.

### ■ Green Gecko

The Green Gecko project supports 70 former street children of Cambodia by providing them security, education, and opportunities. They also aid the community with outreach programs, medical support, and education sponsorship.

### ■ Island Foundation

An organization that believes in breaking the poverty cycle, The Island Foundation (TIF) works with coastal communities of Bintan, whose lives have been affected by overfishing and sea travel restrictions. In the process, TIF addresses environmental concerns and implements sustainable community projects.

### ■ ACRES

With visions of a world where animals are treated with compassion and respect, Animal Concerns Research and Education Society is a charity focused on wildlife and animal cruelty issues. In 2009, ACRES opened a Wildlife Rescue Center and has rescued 2,000 animals since then. They also raise awareness of animal abuse through roadshows, campaigns, and conferences.

### ■ KrousarThmey

First created in 1991, KrousarThmey is dedicated to three objectives: support for education, child welfare, and cultural and artistic development. It provides special education for the disabled and underprivileged, shelters and family counselling for children, and schools and exhibitions of art.

### ■ Fintegrity

Fintegrity targets unsustainable fishing by raising awareness among students, primarily those in Asia, the biggest consumer of seafood. Projects of Fintegrity include writing children's books about fish, producing materials on marine issues, and providing teacher training.

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Ms. Dianna Pratt  
Ms. Jamie Alarcon  
Ms. Linda Tan

#### UWCSEA East

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Mehak Parawani  
Tzur Ko-Geen Rochvarger  
Eline Rojkjaer  
Snehit Craig Shroff  
Rosemary Tymms  
Nishta Vaishampayan

## GINSING CONFERENCE FILM FESTIVAL

An ongoing film festival will run throughout both the Middle School conference at UWCSEA and the High School conference at SAS. All participating schools have been invited to submit films that embody GINSING's theme of "Time to Act, Time to Change", are related to global issues, or have service objectives. The best productions, after selection by a panel of judges, will be shown between keynote speeches, while all other videos will be displayed during breaks.

Film is an incredibly powerful tool for our media savvy generation. GINSING will use the influence of film to inspire delegates into action and unify everyone in their service efforts.

## PARTICIPATING SCHOOLS

■ Adult Sponsor ■ High School student ■ Middle School student

### ALCANTA INTERNATIONAL SCHOOL

**Xue Mei Yang**  
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Natalie Ho  
Margaret Lin  
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Karen Wu  
Mikayla Xie  
Karmen Yang

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Aaron Chiu  
Hye-Sun Chung  
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Nolan Kohutynski  
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Nina Kovari  
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Mitchel Wallace

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Katina Yi  
Kevin Yu  
Rene Zou  
Caroline Zhang

### AMERICAN SCHOOL OF DUBAI

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**Kristen Moore**  
**Sean Whitney**

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Ryan Al-Schamma  
Delfina Bur  
Diya Chandra  
Deena Habib  
Sarah Howard  
Lucy McNeil  
Lucas Morais

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### BALI INTERNATIONAL SCHOOL

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Molly Raymond  
Chloe Serrat

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Tommy Tjandra  
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Omar El Banna  
Ismael Fahmy  
Alexis Farag  
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## ACKNOWLEDGEMENTS

### COVER DESIGN

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### SAS DANCE PERFORMANCE CLASS

—Man in the Mirror

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### SAS SINGERS

—Conducted by: Mrs. Nanette Devens

*Performing, "Butterfly" (composed by Mia Makaroff)*  
*and Prayer of the Children (composed by Kurt Bestor)*

Blackmon, Benjamin  
 Brown, Isaac  
 Du Preez, Liam  
 Ellsworth, Theresa  
 Gaulty, Nina  
 Gunawan, Nathan  
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Lee, Stephanie  
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 Ng, Timothy  
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 Varkey, Natalya  
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Special thanks to our Conference Secretary, Ms. Linda Tan for her tireless attention to every detail, cheery disposition, personal time, energy, guidance and love for us all. We love you, too, Linda!

Appreciation goes to SAS Theater Director, Mrs. Paula Silverman, Lights and Sound Crew lead by Mr. Paul Keobnick, Peace Concert Guru, Mr. Saylor Craig, Mrs. Tracy Van der Linden for tolerating the conflict with the Dance Show AND empowering her Dance Performance students to choreograph Man in the Mirror, Mrs. Nanette Devens for directing her Singers, Mr. Jay Atwood, Mrs. Dianna Pratt and Digital Frontiers and Mr. Jason Cone for writing IT script and guiding our electronic platform needs, Mr. Mark Boyer for having the vision to open SAS doors to GIN, Dr. Tim Stuart for lending rock solid support, Ms. Mimi Molchan and her transport crew for solving the bus transfer puzzle and making it happen, SAS HS faculty for opening your classrooms and hearts to GIN, OOL folks for providing a homebase and creating sharp looking ID tags, the SAS Foundation for their generous grant, our Peace Concert and Global Village would not happen without it! SAS PTA, Boosters, and incredible crews in IT, Facilities, Security, Mr Hoe MS and his cafeteria crew, nurses and custodians. And thanks to teachers across divisions for taking time off to guide ecoCare Excursions, chaperone for the Peace Concert and help with logistics. Kudos to SAS Alternative Energy class and Electric Vehicle club for designing and building e-cycle generators for the information booth and Peace Concert. SASCard office for funding and making smart cards for the conference.

Hosting a Conference over two campuses has necessitated high levels of commitment, involvement, organisation and good humour from a number of people. Our special appreciation goes to Julian Whiteley and James Dalziel for agreeing to host on UWCSEA East and then for all the work done by Caroline Meek from the Centre for International Education, Courtney Carlson and the Communications team; the Parents Association; the entire IT team; the Support Staff; Katie Day and her Library team; the College Clinic staff; The entire Facilities team; Martijn Boersma and the Transport Office; The Security team; the Sound and Lighting team; Epic Arts and The Samba Band; all student organisers, performers, musicians, facilitators, helpers, Global Concerns group members; The GIN student leaders; and last, but not least, all faculty who have given of the time, energy and expertise.