

Main Theme Concept

The 6th GIAC is held with the title of “Linking Science and Society: action-oriented and inclusive approaches to face poverty”. The GSS Program focuses on nurturing leading doctors who are equipped with the capacity to solve real world problems using deep scientific knowledge and the ability to transcend disciplinary borders. As GSS Programs provide the opportunity of learning on the real world problems based on its four pillars namely; natural disasters & catastrophes, man-made disasters & accidents, regional environmental changes and food security, poverty can be viewed as one of causes or effects common to these four pillars –for example, poverty can contribute to vulnerability to disasters or disasters can contribute to poverty. Against this background, the role of scientists in confronting poverty has been proposed as a central topic of the GIAC 2016. Poverty is often defined in terms of low income, organizations like the World Bank measure poverty by the number of people whose income or consumption fall below a given threshold, for example, less than US\$1.25 a day. Globally, around 1 billion people live below this threshold. Nevertheless poverty is fundamental problem in global society, poverty is not deal with central issue in GSS, though poverty is highly complicated problem related several issues globally as well as locally. Therefore, 6th GIAC conference aims to identify action-oriented, inclusive, top-down and bottom-up strategies/actions to confront the poverty. The conference will particularly stimulate discussions on the root causes of persistent poverty and how scientists and society can be linked towards innovative solutions for the poverty.

Day 1: Tuesday, January 24th, 2017

Opening session

Opening Session Schedule	
9:30-9:35	Opening Remarks GSS Student Association Executive Committee, President Kensuke Otsuyama
9:35-9:40	Concept of 6th GIAC GSS Student Association Executive Committee, Vice-president Genta Nakano
9:40-9:50	Introduction of GSS Program Coordinator of GSS Program, Professor and Director, Disaster Prevention Research Institute (DPRI), Kyoto University Prof. Kaoru Takara
9:50-10:00	Review of GSS Curriculum activity Director of GSS Unit, Professor and Vice Director, Research Institute for Sustainable Hemisphere. Kyoto University Prof. Masato Shiotani
10:00-10:40	Keynote speech 1 Top-down approach to face poverty Science Based Public Policy for Poverty Alleviation and Resilience Senior fellow, East-West Center, Honolulu, Hawaii Dr. Allen L. Clark

10:40-11:20	Keynote speech 2 (Bottom-up approach to face poverty) Identifying Affordable Technologies that Works for the Poor CEO, Non-governmental organization Kopernik Mr. Toshihiro Nakamura
11:20-12:00	Preview of Poster Presentation by Student Presenters
12:00-13:00	Lunch

Workshop 1 “Linking Science and Society to face the poverty”

13:00-13:05	Introduction of workshop
13:05-13:20	Talks on the linking science and society 1 General director, Non-governmental organization Community Road Empowerment Dr. Yoshinori Fukubayashi
13:20-13:35	Talks on the linking science and society 2 Assistant professor, GSS, Kyoto University Dr. Mika Shimizu
13:35-14:30	Discussion on problem identification and analysis Participants in each group should engage in brainstorming and mind mapping sessions to determine, identify and analyze one concrete problem related to poverty and its consequences. The problem should be identified and analyzed in term of: <ul style="list-style-type: none"> • What, Who, Where, When and why • What factors associated with it • Causes and effects
14:30-14:45	Break

<Session 1> Poverty and “Disaster”

14:45-14:50	Session introduction
14:50-15:05	“Top down” Group student presentation
15:05-15:20	“Bottom up” Group student presentation
15:20-15:35	Expert intervention Project Associate Professor, Department of Civil Engineering, School of Engineering, The University of Tokyo Dr. Akiyuki Kawasaki
15:35-15:50	Integration of top down approach and bottom up approach
15:50-16:15	Open discussion, how science can contribute to the society?
16:15-16:30	Break
16:30-18:00	Poster presentation session

Poster Presentation Session

Name	Graduate School	Year	Poster title
Seera Georgina	Asian and African Area Studies	L1	Obesity is the New Malnutrition in Central Uganda
Ryosuke Nakamura	Agriculture	L2	Does logging impact silicon cycling in a lowland tropical forest?
Haruka Ueda	Agriculture	L2	What Is Food Education?
Yukiko Tateyama	Medicine	L2	Socio-epidemiological study on risk factors of non-communicable diseases among adult population in rural Zambia
Chikara Okada	Agriculture	L2	The Seed Road: How GM seeds have created the actor network?
Shinomi Takahashi	Medicine	L2	Perception towards diabetes among community dwelling diabetes/non-diabetes Japanese elderly; a qualitative study
Ayako Kohno	Medicine	L3	A Mixed-method Study Protocol on the Prevalence of Child Marriage in Malaysia and their Mental and Reproductive Health
Sajid Nisar	Engineering	L3	Revolutionizing Global Healthcare by use of Smart Robotic Technologies
Var Elif Berna	Global Environmental Studies	L3	Cherish or Perish : “Unique Vernacular Architecture in Trabzon, Turkey”
Wenlong Wang	Engineering	L4	Toxicity identification evaluation of neuroactive insecticides in waste water with multi-parameter genetic profiling using zebrafish
Van Tien Pham	Engineering	L4	Integrated computer simulation models for two huge landslides induced by rainfalls in Kii Peninsula, Japan.
Karlina	Engineering	L4	Low Flow Forecasting with Recession Analysis Approach
Mei Nakazawa	Asian and African Area Studies	L4	HIV/AIDS awareness and subsistence activities of female-headed households in banana farming area of southwestern Uganda
Naoko Kimura	Global Environmental Studies	L5	Map tool development with etymological analysis of place-names: for raising awareness of local resources and their ecosystem services

Day 2: Wednesday, January 25th, 2017

<Session 2 Poverty and “Food security”>

9:00-9:05	Session introduction
9:05-9:20	“Top down” Group student presentation
9:20-9:35	“Bottom up” Group student presentation
9:35-9:50	Expert intervention Assistant Professor, Division of Natural Resource Economics, Graduate School of Agriculture, Kyoto University Dr. Hart Nadav Feuer
9:50-10:05	Integration of top down approach and bottom up approach
10:05-10:30	Open discussion, how science can contribute to the society?
10:30-10:45	Break

<Session 3> Poverty and “Health”

10:45-10:50	Session introduction
10:50-11:05	“Top down” Group student presentation
11:05-11:20	“Bottom up” Group student presentation
11:20-11:35	Expert intervention Senior Economist, World Bank Group Caryn Bredenkamp
11:35-11:50	Integration of top down approach and bottom up approach
11:50-12:15	Open discussion, how science can contribute to the society?
12:15-13:30	Lunch

<Session 4> Poverty and “Education”

13:30-13:35	Session introduction
13:35-13:50	“Top down” Group student presentation
13:50-14:05	“Bottom up” Group student presentation
14:05-14:20	Expert intervention Associate Professor, School of Human Science and Environment, University of Hyogo Dr. Miki Inui
14:20-14:35	Integration of top down approach and bottom up approach
14:35-15:00	Open discussion, how science can contribute to the society?
15:00-15:15	Break

<Workshop 2> Problem solving: As scientists what kind of action can we take?

15:15-15:20	Introduction of the session
15:20-16:00	Group work
16:00-16:45	Group presentation
16:45-16:50	Wrap-up
16:50-17:15	Feedback to the GSS students Honorary professor, Human geography and planning, Utrecht University, the Netherlands Dr. Hans van Ginkel

Review session

17:15-17:30	Feedback to the GSS students All the GSS International Advisers, Experts, GSS program Professors, GSS-Specific Faculty members and GSS students
17:30-17:35	Presentation and poster session awards
17:35-17:45	Closing remarks