Building Global Networks for Teaching and Learning

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Transform Challenge to Opportunity

How to prepare students for a post-pandemic scenario?

1. Expand horizons with online interactions:
   To cultivate students' multicultural awareness and global competence on campus

2. New technologies for teaching and learning

3. Local and Global Responsibilities
   UN Sustainable Development Goals

Students’ Contribution to Society
Global Competence for All
Global Citizenship
SJTU Solutions and Actions - Rethink and Redefine Student Mobility

Student mobility is now encompassing many other modalities. How to provide every student with international experience is the question that deserves the attention from every higher education worker.

01
Upgrading Existing Bilateral Collaboration

- Traditional onsite student experience is upgraded to hybrid mode to overcome the difficulties posed by the pandemic.
E.g.: SJTU-Warwick Global Challenge Summer Program focusing on SDGs

02
Moving from Bilateral to Trilateral and Multilateral

- Trilateral Collaboration
E.g.: SJTU-UC Davis- Tec de Monterrey “Global Classroom and SDGs”

- Multilateral Collaboration
E.g.: APRU Virtual Student Exchange Program
SJTU-Warwick-HKU-Cornell-Toronto “Virtual Internship Program”
2021 SJTU FourC Challenge 24Hour Design Charrette Contest
2021 SJTU-Warwick Global Challenge Summer Program (Hybrid)

Student Scale

30 SJTU students from different disciplines
30 Warwick students from different disciplines

Academic Team of Diverse Backgrounds

- Provide guidance on research methodology and relevant resources
- Facilitate student group discussions to develop and enact their research plans

Focusing on 4 SDGs

- No poverty (SDG 1)
- Gender equality (SDG 5)
- Sustainable Cities and Communities (SDG 11)
- Peace, Justice and Strong Institutions (SDG 16)

Work in Groups

Students virtually meet their counterparts, jointly research and present possible solutions to key global challenges.

What students get out of the program?

- Interdisciplinary research skills;
- Presentation skills at virtual events;
- A whole set of different perspectives on issues of great relevance to all of us;
- A new set of friends and contacts in different departments;

Students’ posters:
01 SDG focused
SDG 3: Good Health and Well-being

02 Parallel Courses
UC Davis: Plant Biochemistry
SJTU: Traditional Medicine
Joint SDG seminar

03 Peer Learning
58 UC Davis Students
27 SJTU Students
Group work for poster and reports

Highlight: cross-cultural group discussions...

- Cross-cultural Peer Learning:
  1. How plantation of “basil” relates to combating poverty in China?
  2. How American students view the economic value of “traditional medicine”?

- Toolkit for other partner universities to develop SDG related collaborative courses or programs
Multilateral Collaborations

**APRU Virtual Student Exchange Program**

- APRU VSE is a timely “helping hand” for every student who wishes to get international experience and stay connected with their peers around the world.
- APRU VSE is warmly received and popular in SJTU community.

**SJTU-Warwick-HKU-Cornell-Toronto “TeaMWork Virtual Internship Program”**

- Organizations from different sectors + Higher education professionals
- Students will be mixed and work in diversified groups to work on one real life project raised by the organization.
- Enrich students’ experience regarding career preparation and evoke their intercultural awareness

**SJTU “Jiao Tong” Global Virtual Classroom**

- Shared Courses
- Jointly-built Courses

Multilateral collaboration has proven to be very resilient in facing the new challenges and overcoming the difficulties together, by sharing best practices and creating virtual spaces for dialogues.
FourC Challenge stands for Create, Connect, Communicate and Collaborate. It directs students’ attention to the development trend of human society, use design tools to solve social problems, jointly create a sustainable, healthy and beautiful human living environment.

It first started in 2020, attracted more than 200 registrants from 52 international institutions to complete the 24-hour online design challenge. In 2021, over 300 registrants from 70 invited international institutions joined us. The response is enormously positive.
SJTU SDG July Camp 2022: Collaborative Learning Opportunities

- PBL focusing on SDG themes; student-driven discussion and research
- Students work in groups of 6, attention given to diversity in culture and discipline

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<th>Week 1</th>
<th>Week 2 (optional)</th>
<th>Week 3</th>
<th>Week 4</th>
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<tr>
<td>Opening and program overview; Ice-breaking events; Lectures on SDGs; introduction to research methodology and resources; intercultural awareness and skills</td>
<td>Self-studies</td>
<td>Online group work 2h/day; Onsite seminars, office hours optional</td>
<td>Online group work 2h/day; Final day: Presentation + Poster</td>
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<tr>
<td>hybrid</td>
<td>offline</td>
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- Let us know if you are interested to give lecture(s), co-develop, or/and co-deliver projects (open it to your students)

- Contact: Guoliang@sjtu.edu.cn
THANK YOU