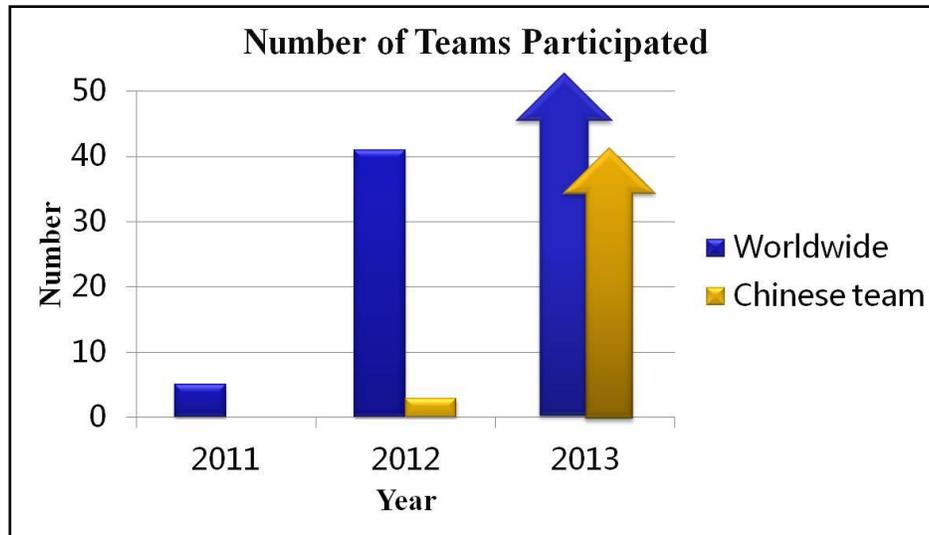


iGEM HS-Division Participation Report

Li Dayi

Along with the development of the iGEM collegiate and entrepreneurship divisions in the past two years, the number of high school teams competing has dramatically increased, and is expected to surpass 100 teams.



In the 2012 iGEM high school division, Mainland China had the following three teams compete: Haidian Shangli Foreign Language High School, High School attached to Beijing Normal University, Shenzhen Yudalong International School

Among them, two teams from Beijing forfeited the competition and were not able to take part in the Jamboree in June. The team from Shenzhen was able to participate but lacked in data.

1. Synthetic Biology

We contacted the dean of academic affairs, biology teacher, counselors from various schools and they showed a positive response towards Synthetic Biology. Meanwhile, they advised that the lecture should solve several problems first: applications of Synthetic Biology, simplification of theories in Synthetic Biology, commonplace of Synthetic Biology and Biology, and aid in their studies. Secondly, the lecture should be hobby-oriented and not

be too difficult to understand. Finally, they hope the time of the lecture should be during the start of a new term.

2. iGEM

Based on fact that many high schools in Beijing have lab courses in molecular biology (see picture attached), this year three schools participated in the high school division: Haidian Shangli Foreign Language High School, High School attached to Beijing Normal University, Shenzhen Yudalong International School. They hoped to promote other schools to follow in their footsteps. Only incoming freshmen and sophomores-to-be have the time and resources to participate in this competition. While the former have not yet taken any high school biology courses, and the latter have not taken any courses in genetic engineering. Second high school attached to Beijing University has two advanced classes that include students that are well equipped with both knowledge and ability, as well as the time and resources to be a part of this competition. What's more, this school is prepared to join large-scaled academic activities. In the process of taking part in the iGEM competition, the students will directly benefit in solidifying their abilities and lab techniques.

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