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2 JC students try out lab work in German university

10-day trip part of joint effort with ST fund

By AMELIA TENG

makes a difference

THIS year's June holiday was an unusual one for 17-year-old Abigail Sim.

She got a glimpse of what it took to discover cures for diseases, toured Munich, and stayed with a German host family - all on a trip that was fully paid for. The second-year Victoria Jun-

ior College student spent three days this month in a lab at the Technical University of Munich (TUM), a renowned German science and engineering institution.

There, she helped a PhD student with research on new anti-virulence drugs, which fight antibiotic-resistant infections.

For seven hours each day, she tried her hand at lab techniques, from purifying chemical compounds to separating molecules.

At first, she was worried that she would not be studying for the A-level exams like her friends, but she said her mother told her this was "a once-in-a-lifetime opportunity". "It was very exciting as I've never had the chance to use the labs in universities in Singapore," said Abigail, who hopes to study medicine at the National University of Singapore or Monash University in Melbourne. She was one of two students -

the other was Tampines JC student Elicia Nadya Elvis Isyak, 18 - who spent 10 days on the trip exploring the German university's three campuses in Munich, Garching and Freising, both located north of Munich.



Victoria JC student Abigail Sim at a lab in TUM's Garching campus helping with research on new anti-virulence drugs to fight antibiotic-resistant infections.



Tampines JC student Elicia Nadya Elvis Isyak working on a project to disinfect water in TUM's Garching campus. PHOTOS: COURTESY OF TUM AS

The girls are the second batch (S\$408) – also went to tourist was on disinfecting water. spots such as the Deutsches Muse-Abigail, the middle of three children, said: "I learnt that disum, which has science and techcovery of new things takes time nology exhibits, and Allianz Arena, home of Bayern Munich footand perseverance." Her mother is an accounts clerk and father is unball club. Elicia, whose father is a techniemployed. cian and mother is unemployed, She hopes to one day go to desaid: "It was my first time taking veloping countries to help chilsuch a long flight and going to Eudren who suffer from malnutrition and diseases like malaria. rope, which is so different from Singapore." The oldest of four "My mother shared with us newschildren, who hopes to study fopaper stories about how there are rensic science, said: "Spending people in other countries who time in the lab gave me a glimpse have no access to medical technology, so I want to help them." of what I could expect in university in the future." Her research] ateng@sph.com.sg

of students taking part in an initiative by the school's Singapore-based branch TUM Asia, and The Straits Times School Pocket Money Fund. The scheme allows the fund's beneficiaries to visit TUM's campuses in Germany. The programme was launched in 2012 to mark the 10th anniversary of the school located at Pixel Building in Buona Vista. The trip, which cost close to \$10,000, was paid for by TUM and TUM Asia. Besides learning about lab work, both students - who were each given an allowance of €240

