



UNSW Science
Science Work Placement: Kuala Lumpur 2020/21
Host Organisation Examples

**Note: This resource is continually updated as new Host Organisation examples arise.
Last updated: 6 March 2020**

Placement Host Examples

This document outlines *examples* of Host Organisations for the summer 2020/21 Kuala Lumpur Science Work Placement Program.

The following examples are organisations who have previously hosted UNSW students on the Kuala Lumpur Science Work Placement Program, or have expressed an interest in hosting UNSW students for the program. This document is continually updated as more organisations come on board.

The Global Student (UNSW's partner in Kuala Lumpur), will discuss placement preferences with students selected for the program. They cannot guarantee that students will be placed with their preferred organisation, however they will ensure that students are placed with an organisation that will provide work experience directly related to students' major of study.

Once a student is accepted by an organisation, a Position Description outlining specific work tasks will be negotiated. Work tasks will depend on the capabilities of the host employer and the student's skills and interests. *A minimum requirement is that the tasks must be directly related to the student's major of study.* The negotiated Position Description requires final approval by UNSW Science before the student is enrolled in SCIF2199.

Considerations:

1. Students must undertake a work placement that is directly related to their major of study.
2. Students may be placed with an organisation that is not listed in this document. This document provides examples of potential hosts and is not an exhaustive list of organisations that students could be placed with.

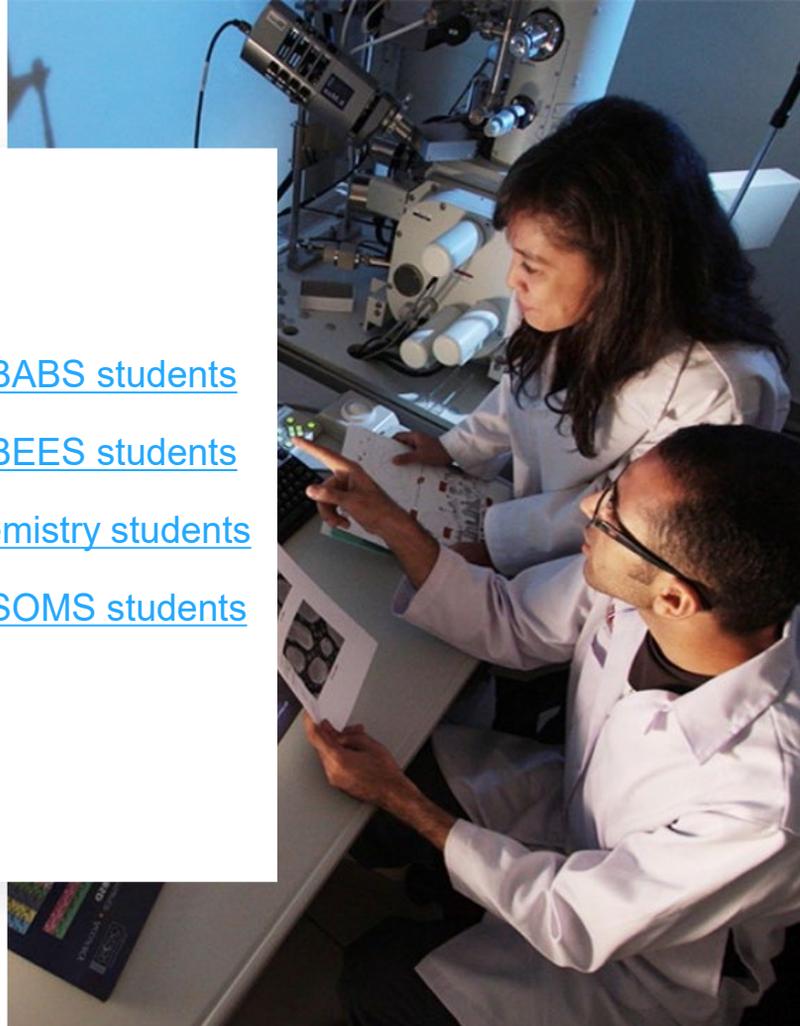
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Host Organisation examples: **BABS**

Host	Background	Types of Roles	Notes
<p>Bioprocessing and Biomanufacturing Research Centre (BBRC)</p> <p>Universiti Putra Malaysia</p> <p>http://bbrc.upm.edu.my/</p>	<p>This research centre focuses on the development of biomanufacturing for the production of various ranges of biotechnology products. It's aim is to discover new principles and options for industrial applications, with optimal and economic use of available resources for the development of sustainable products and bioprocesses. Examples of our research projects include:</p> <ul style="list-style-type: none"> (i) bioreactor system and process design for enzymatic synthesis, (ii) kinetics, modelling and optimization of microbial fermentation processes, (iii) development of microbial fermentation process for production of industrial enzymes, pharmaceuticals and chemicals, and (iv) production of structured lipids such as diacylglycerols. <p>In addition to research, BBRC also consists of several commercial service facilities including Pilot Fermentation Unit, Good Manufacturing Practice Facilities for Bacterial Vaccines Production, Biomanufacturing for Food and Food Ingredients Laboratory and Analytical and Microbiology Laboratory.</p>	<p>Laboratory work, R&D</p>	
<p>Chemopharm</p> <p>www.chemopharm.com</p>	<p>Chemopharm is a leading regional provider of products, solutions and services for laboratory, analytical testing, life science and healthcare. We provide instruments, consumables and services for the scientific research and academic segments, clinical, chemical & analytical, biotech and pharma communities.</p>	<p>Medical products, field work.</p>	<p>Specifically interested in biotechnology students.</p>

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Host Organisation examples: BABS

Host	Background	Types of Roles	Notes
<p>Duopharma</p> <p>www.duopharmabiotech.com</p>	<p>Duopharma is a leading pharmaceutical company in Malaysia that provides quality and innovative solutions. We have committed to an expansion of our manufacturing facilities with state of the art technology to enhance our compliance standards and capacity to support our growth plans. We constantly innovate for the health and wellness of society, delivering solutions by processes that are efficient and affordable. Firmly focused on the future, we live our Vision of providing smarter solutions for a healthier life to create opportunities for high performance and sustainable growth for all our stakeholders.</p>	<p>Business Development & Marketing, manufacturing, compliance.</p>	<p>Ideal for 3925 Science & Business program or dual degree Science/Business students.</p>
<p>InterVenn Biosciences</p> <p>www.intervenn.bio</p>	<p>InterVenn is a Series A biotechnology startup company, where the headquarters located in San Francisco, and two other branch in Manila and Kuala Lumpur.</p> <p>InterVenn is changing the Way the World Deals With Cancer and Other Diseases, combining Mass Spectrometry and Artificial Intelligence to Unlock Glycoproteomics for Biomarker and Target Discovery. The company is currently conducting a clinical study across USA, Manila and Kuala Lumpur to validate a novel biomarker diagnostic tool for ovarian cancer.</p>	<p>Laboratory work, R&D</p>	<p>Particularly interested in Biotechnology students but will consider other BABS majors.</p>
<p>Neogenix Laboratoire</p> <p>www.neogenix.org</p>	<p>25-year experience in the field of medical diagnostics and research.</p> <p>The diagnostic arm of Neogenix consists of the Molecular Infectious Disease Laboratory (MID Lab), and Molecular Genetic & Oncology Laboratory (GO Lab).</p> <p>They provide services to medical practitioners, patients, and health care providers. NeoGenix is a niche player specializing in molecular infectious diseases and oncological testing utilizing the techniques of standard PCR, real-time PCR, microarray, mass spectrometry and Next Generation Sequencing (NGS) technologies.</p>	<p>Laboratory work (diagnostics)</p>	<p>Particularly interested in Biotechnology students but will consider other BABS majors.</p>

Host Organisation examples: BEES

Host	Background	Types of Roles	Notes
<p>Eco Ideal Consulting</p> <p>www.ecoideal.com.my</p>	<p>Provides a full range of integrated environmental planning and consulting services to private and public sector clients, including industries and government agencies facing challenges that demand environmental experience and technical expertise. One stop services for all aspects of waste management (solid and water), CDM, Carbon and CHG emissions.</p>	<p>R&D, Report writing</p>	
<p>Wild Asia</p> <p>(Environmental consulting)</p> <p>www.wildasia.org</p>	<p>Wild Asia was first established in 2003 as a Malaysian-based social enterprise. They help to adapt the way consumers, businesses and traders operate, ensuring that they can leave a positive footprint on the developing world. They take a bottom-up approach starting at the very beginning: the raw materials. It is here that we find ways to guide organisations in creating a better environment for their employees, local communities and surrounding biodiversity.</p> <p>They focus on environmental and social impact consulting, in key areas such as:</p> <ul style="list-style-type: none"> • Commodities (for example, the Palm Oil industry) • Responsible Tourism • Sustainable Building 	<p>R&D, Report writing</p>	<p>Particularly interested in Environmental Management students but will consider other BEES majors.</p>

Host Organisation Examples: Chemistry

Host	Background	Types of Roles	Notes
<p>Bioprocessing and Biomufacturing Research Centre (BBRC)</p> <p>Universiti Putra Malaysia</p> <p>http://bbrc.upm.edu.my/</p>	<p>This research centre focuses on the development of biomanufacturing for the production of various ranges of biotechnology products. It's aim is to discover new principles and options for industrial applications, with optimal and economic use of available resources for the development of sustainable products and bioprocesses. Examples of our research projects include:</p> <ul style="list-style-type: none"> (i) bioreactor system and process design for enzymatic synthesis, (ii) kinetics, modelling and optimization of microbial fermentation processes, (iii) development of microbial fermentation process for production of industrial enzymes, pharmaceuticals and chemicals, and (iv) production of structured lipids such as diacylglycerols. <p>In addition to research, BBRC also consists of several commercial service facilities including Pilot Fermentation Unit, Good Manufacturing Practice Facilities for Bacterial Vaccines Production, Biomanufacturing for Food and Food Ingredients Laboratory and Analytical and Microbiology Laboratory.</p>	<p>Laboratory work, R&D</p>	
<p>Chemopharm</p> <p>www.chemopharm.com</p>	<p>Chemopharm is part of the Chemopharm group of companies, a leading regional provider of products, solutions and services for laboratory, analytical testing, life science and healthcare. We provide instruments, consumables and services for the scientific research and academic segments, clinical, chemical & analytical, biotech and pharma communities.</p>	<p>Medical Products, Field Work</p>	

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Host Organisation Examples: Chemistry

Host	Background	Types of Roles	Notes
<p>IGL Coatings</p> <p>www.iglcoatings.com</p>	<p>IGL Coatings is a technology firm based in Malaysia with the core focus of developing innovative and disruptive nanotechnology products that are set to redefine the industry. We are the world pioneers of low and Zero VOC high solids coatings. The product range includes coatings, cleaning and maintenance for various surfaces including paint, glass, metals, plastics and fabrics. We are the first in the industry to have our nanotechnology audited and verified by Nanoverify. IGL Coatings now provides quality coatings in 50 countries.</p>	<p>Laboratory work, R&D</p>	
<p>Top Glove</p> <p>www.topglove.com</p>	<p>Top Glove Corporation Bhd is the world's largest manufacturer of gloves, with operations spanning across Malaysia, Thailand, China, US and Europe.</p> <p>It has 40 factories, 648 production lines, 18,000 employees, 60.5 billion gloves per annum.</p> <p>Its outstanding achievements and global recognition are credited largely to its founder Tan Sri Dr Lim Wee Chai, the visionary and driving force, who within a short span of time, has built the Malaysian-based company into a resounding global success.</p>	<p>R&D</p> <p>Manufacturing</p> <p>Quality Assurance</p>	<p>High Distinction average expected.</p> <p>Malaysian, Thai or Vietnamese citizens are encouraged to apply, though all nationalities are considered.</p>

Host Organisation Examples: SOMS

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<p>Bioprocessing and Biomanufacturing Research Centre (BBRC)</p> <p>Universiti Putra Malaysia</p> <p>http://bbrc.upm.edu.my/</p>	<p>This research centre focuses on the development of biomanufacturing for the production of various ranges of biotechnology products. It's aim is to discover new principles and options for industrial applications, with optimal and economic use of available resources for the development of sustainable products and bioprocesses. Examples of our research projects include:</p> <ul style="list-style-type: none"> (i) bioreactor system and process design for enzymatic synthesis, (ii) kinetics, modelling and optimization of microbial fermentation processes, (iii) development of microbial fermentation process for production of industrial enzymes, pharmaceuticals and chemicals, and (iv) production of structured lipids such as diacylglycerols. <p>In addition to research, BBRC also consists of several commercial service facilities including Pilot Fermentation Unit, Good Manufacturing Practice Facilities for Bacterial Vaccines Production, Biomanufacturing for Food and Food Ingredients Laboratory and Analytical and Microbiology Laboratory.</p>	<p>Laboratory work, R&D</p>	
<p>Chemopharm</p> <p>www.chemopharm.com</p>	<p>Chemopharm is part of the Chemopharm group of companies, a leading regional provider of products, solutions and services for laboratory, analytical testing, life science and healthcare. We provide instruments, consumables and services for the scientific research and academic segments, clinical, chemical & analytical, biotech and pharma communities.</p>	<p>Medical Products, Field Work</p>	

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Host Organisation Examples: SOMS

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<p>Duopharma</p> <p>www.duopharmabiootech.com</p>	<p>Duopharma is a leading pharmaceutical company in Malaysia that provides quality and innovative solutions. We have committed to an expansion of our manufacturing facilities with state of the art technology to enhance our compliance standards and capacity to support our growth plans. We constantly innovate for the health and wellness of society, delivering solutions by processes that are efficient and affordable. Firmly focused on the future, we live our Vision of providing smarter solutions for a healthier life to create opportunities for high performance and sustainable growth for all our stakeholders.</p>	<p>Business Development & Marketing, manufacturing, compliance.</p>	<p>Ideal for 3925 Science & Business program or dual degree Science/Business students.</p>
<p>InterVenn Biosciences</p> <p>www.intervenn.bio</p>	<p>InterVenn is a Series A biotechnology startup company, where the headquarters located in San Francisco, and two other branch in Manila and Kuala Lumpur.</p> <p>InterVenn is changing the Way the World Deals With Cancer and Other Diseases, combining Mass Spectrometry and Artificial Intelligence to Unlock Glycoproteomics for Biomarker and Target Discovery. The company is currently conducting a clinical study across USA, Manila and Kuala Lumpur to validate a novel biomarker diagnostic tool for ovarian cancer.</p>	<p>Laboratory work, R&D</p>	<p>Particularly interested in Biotechnology students but will consider SOMS majors.</p>
<p>Neogenix Laboratoire</p> <p>www.neogenix.org</p>	<p>25-year experience in the field of medical diagnostics and research.</p> <p>The diagnostic arm of Neogenix consists of the Molecular Infectious Disease Laboratory (MID Lab), and Molecular Genetic & Oncology Laboratory (GO Lab).</p> <p>They provide services to medical practitioners, patients, and health care providers. NeoGenix is a niche player specializing in molecular infectious diseases and oncological testing utilizing the techniques of standard PCR, real-time PCR, microarray, mass spectrometry and Next Generation Sequencing (NGS) technologies.</p>	<p>Laboratory work (diagnostics)</p>	<p>Particularly interested in Biotechnology students but will consider SOMS majors.</p>