

115年國家科學及技術委員會補助任務導向型團隊赴國外研習(龍門計畫)

外國研習機構一覽表

項次	國別	研習機構	研習單位	研習領域	研習單位介紹	國外研習機構 指導或聯絡人姓名/職稱	聯絡資訊
亞洲							
1	澳大利亞	蒙納許大學 Monash University	所有院系	all	https://www.monash.edu/	Mr Kris Kathiravel	Email: Kris.Kathiravel@monash.edu
2	澳大利亞	雪梨大學 The University of Sydney	所有院系	all	https://www.sydney.edu.au/	Xiaohui Fu	Email: xiaohui.fu@sydney.edu.au Tel: +61 2 9036 7513 Fax: +61 2 9351 8938
3	澳大利亞	雪梨科技大學 University of Technology Sydney	澳大利亞人工智慧研究所 Australian AI Institute (AAIL)	資訊科技及智慧運算 Information Technology and Intelligent Computing 認知科學跨領域研究[含心智大腦與教育] Cognitive Science and Brain Technology	https://www.uts.edu.au/research/australian-artificial-intelligence-institute	Prof. 林進燈(Chin-Teng Lin)	Email: chin-teng.lin@uts.edu.au Tel: +61 0439071643
4	澳大利亞	墨爾本大學 The University of Melbourne	所有院系	all	https://www.unimelb.edu.au/	Ms Patricia Gigliuto, Manager, International Research Grants	Email: ric-international@unimelb.edu.au Tel: +61-3-8344-7036
5	澳大利亞	西雪梨大學 Western Sydney University	國家蔬菜保護種植中心 National Vegetable Protected Cropping Centre	農業科學、生物多樣性與生態	https://www.westernsydney.edu.au/nvpcc	陳仲華教授(Prof. Zhong-Hua Chen)	Email: Z.Chen@westernsydney.edu.au Tel: +61 466544696
6	澳大利亞	昆士蘭大學 The University of Queensland	所有院系	1.Earth Science & Technology 2.Theoretical and Advanced Quantum-related Science 3.Molecular and Cellular Biology, Biomedical Science and Engineering 4.Agricultural Science, Biodiversity and Ecology 5.Energy Technology 6.Ageing Society and Health Care 7.Social development and well-being	https://www.uq.edu.au/	Ms Jessica Sun, Manager, Strategy and Partnerships	E-mail: jessica.sun@uq.edu.au Tel: +61-7-3365-1906
7	澳大利亞	阿德萊德大學 The University of Adelaide	所有院系	1.Earth Science & Technology 2.Molecular and Cellular Biology, Biomedical Science and Engineering 3.Agricultural Science, Biodiversity and Ecology 4.Energy Technology	https://www.adelaide.edu.au/	Ms Chen Wang(王晨) Global Partnerships Manager, Global Engagement	E-mail: chen.wang@adelaide.edu.au Tel: +61-8-8313-2898

115年國家科學及技術委員會補助任務導向型團隊赴國外研習(龍門計畫)

外國研習機構一覽表

項次	國別	研習機構	研習單位	研習領域	研習單位介紹	國外研習機構 指導或聯絡人姓名/職稱	聯絡資訊
8	澳大利亞	麥覺理大學 Macquarie University	所有院系	1.Earth Science & Technology 2.Molecular and Cellular Biology, Biomedical Science and Engineering 3.Agricultural Science, Biodiversity and Ecology 4.Energy Technology 5.Electronics and Communications Technology 6.Information Technology and Intelligent Computing 7.Social development and well-being 8.Asia Studies 9.Ethical, Legal, Religious & Social Issues	https://www.mq.edu.au/	Professor Simon Handley Pro Vice-Chancellor Graduate Research	E-mail: gr.international@mq.edu.au Tel: +61-2-9850-3030
9	澳大利亞	澳大利亞國家大學 Australian National University	所有院系	all	https://www.anu.edu.au/	Dr Kirsten Farrell	E-mail : eo.pvcrgr@anu.edu.au Tel: +61-2-6125-3118
10	澳大利亞	西澳大學University of Western Australia	所有院系	all	https://www.uwa.edu.au/	Mr Dave Connell	E-mail : david.connell@uwa.edu.au Tel: +61-8-6488-4794
11	澳大利亞	塔斯馬尼亞大學 University of Tasmania	所有院系	all	https://www.utas.edu.au/	Ms. Donna Kowaluk	E-mail : UTAS.Health@utas.edu.au Tel: +61-3-6226-8186
12	韓國	高麗大學Korea University	民族文化研究院	理論東亞	http://www.korea.edu/	(獲崔溶徹院長同意)	Tel: +02-3290-1610 Email: choe0419@korea.ac.kr
13	日本	東京大學 The University of Tokyo	地震研究所	地震研究	http://www.eri.u-tokyo.ac.jp/eng/	谷村孝志(東京大學地震研究所 所長)	Tel: 03-5841-5777 Fax: 03-5689-7265 E-mail: furumura@eri.u-tokyo.ac.jp
			比較文學比較文化研究室	東亞研究	http://fusehime.c.u-tokyo.ac.jp/dept/index.html	齋藤希史教授 (Mareshi SAITO) 教授	Tel: 03-3812-2111#24888 Email: saito@fusehime.c.u-tokyo.ac.jp
			工學系研究科機械工學專攻 熱工學研究室	Thermal Engineering/ Nanotechnology/ Fluid Dynamics	http://www.thml.t.u-tokyo.ac.jp/index.html#Home	大宮司 啓文 (Hirofumi Daiguji) 教授	Tel: 81-3-5841-6971 Email: daiguji@thml.t.u-tokyo.ac.jp
			工學系研究科物理工學專攻 長谷川達生研究室	Molecule-based Electronic Materials	http://hsgw.t.u-tokyo.ac.jp/english/index.html	長谷川 達生(Tatsuo Hasegawa) 教授	Tel: 81-3-5841-6841 Email: t-hasegawa@ap.t.u-tokyo.ac.jp
			大氣海洋研究所	地球科技 Earth Science & Technology	https://www.aori.u-tokyo.ac.jp	齊藤 宏明(Hiroaki Saito)教授	Tel: +81-4-5836-6360 Email: hsaito@aori.u-tokyo.ac.jp
14	日本	日本海洋研究開發機 構 Japan Agency for Marine-Earth Science and Technology	所有單位 (Research Institute for Marine Geodynamics, IMG)	地球科技 Earth Science & Technology	https://www.jamstec.go.jp/e/	小平秀一(Shuichi Kodaira)海域 地震火山部門部門長	Tel: +81-45-778-5438 Email: kodaira@jamstec.go.jp

115年國家科學及技術委員會補助任務導向型團隊赴國外研習(龍門計畫)

外國研習機構一覽表

項次	國別	研習機構	研習單位	研習領域	研習單位介紹	國外研習機構 指導或聯絡人姓名/職稱	聯絡資訊
15	日本	京都大學 Kyoto University	Center for Frontier Medicine of Department of Pharmacology	炎症及免疫疾病相關之藥物研發	https://www.med.kyoto-u.ac.jp/organization-staff/research/doctoral_course/r-181/	成宮周 (Shuh Narumiya)教授	TEL:+81-75-753-4392 E-mail: snaru@mfour.med.kyoto-u.ac.jp
			アジア研究教育ユニット (Asian Studies Unit) ・应用哲學倫理學教育研究センター	分析的亞洲哲學 Analytic Asian Philosophy	http://www.kuas.cpiet.kyoto-u.ac.jp/	出口康夫 教授 Yasuo DEGUCHI	Email: yasudeguchi@aol.com
			人文科學研究所	人文科學	http://www.zinbun.kyoto-u.ac.jp/	稻葉穰教授 Minoru Inaba	TEL:+81757536968 Email: inaba.minoru.4e@kyoto-u.ac.jp
			先進能源研究所 (Institute of Advanced Energy)	Net Zero Technology and Energy Technology	https://www.iae.kyoto-u.ac.jp/new-iae/en/	Prof. Masazumi Tamura	Tel: +81-774-38-3470 E-mail : tamura.masazumi.3x@kyoto-u.ac.jp
16	日本	東北大學 Tohoku University	Laboratory for Nanoelectronics and Spintronics Research Institute of Electrical Communication	自旋電子學 Spintronics	http://www.ohno.riec.tohoku.ac.jp	Prof. Hideo Ohno(大野 英男)	Tel: +81-22-217-5553 Fax: +81-22-217-5555 or 5553 (direct) E-mail: ohno@riec.tohoku.ac.jp
			東北大學多元物質科學研究所 Institute of Multidisciplinary Research for Advanced Materials (IMRAM) 1.Quantum Beam Measurements Laboratory (Momose Laboratory) 2.Polymer Physics and Chemistry Laboratory (Jinnai Laboratory) 3.Metallurgical design for materials functions laboratory (Kameoka Laboratory) 4.Scanning probe microscopy laboratory (Komeda laboratory) 5.Quantum spin physics laboratory (Sato laboratory) 6.Quantum Optoelectronics laboratory (Chichibu laboratory)	1. 理論及先進量子相關科學 2. 同步輻射相關研究 3. 材料科技	https://www2.tagen.tohoku.ac.jp/en	1.Prof. Atsushi Momose(百生敦) (Momose Laboratory) 2.Prof. Hiroshi Jinnai(陣内 浩司)(Jinnai Laboratory) 3.Satoshi Kameoka(龜岡聰)(Kameoka Laboratory) 4.Tadahiro Komeda(米田 忠弘)(Komeda laboratory) 5.Taku J Sato(佐藤 卓)(Sato laboratory) 6.Shigefusa F. Chichibu(秩父 重英) (Chichibu laboratory)	1. E-mail : atsushi.momose.c2@tohoku.ac.jp 2.E-mail : hiroshi.jinnai.d4@tohoku.ac.jp 3.E-mail : satoshi.kameoka.b4@tohoku.ac.jp 4.E-mail : tadahiro.komeda.a1@tohoku.ac.jp 5.E-mail : taku@tohoku.ac.jp 6.E-mail : chichibu@tohoku.ac.jp
			富重研究室	Net Zero Technology and Energy Technology	https://www.che.tohoku.ac.jp/~erec/	Prof. Keiichi Tomishige (富重圭一)	Tel: +81227957214 E-mail : tomishige@tohoku.ac.jp
17	日本	獨立行政法人物質・材料研究機構 National Institute for Materials Science (NIMS), Japan.	NIMS		https://www.nims.go.jp/		
18	日本	獨立行政法人理化學研究所 Institute of Physical and Chemical Research (RIKEN)	「申請者需事與理化學研究所所屬計畫主持人PI聯繫，並取得同意(同意書形式不拘)」	物理學、工學、化學、生物學、醫學等自然科學全領域	http://www.riken.jp/en/research/labs/	外務・研究調整部 研究協力課	gro-external@riken.jp

115年國家科學及技術委員會補助任務導向型團隊赴國外研習(龍門計畫)

外國研習機構一覽表

項次	國別	研習機構	研習單位	研習領域	研習單位介紹	國外研習機構 指導或聯絡人姓名/職稱	聯絡資訊
19	日本	東京工業大學理工學院	理工學院 山田研究室	Solar Cells/Semiconductor Physics/Material Science/Crystal Growth	http://solid.pe.titech.ac.jp/	山田 明教授 Akira Yamada	Tel: +81-3-5734-2698 E-mail: yamada.a.ac@m.titech.ac.jp
			科學技術創成研究院 曾根研究室	材料科技 Materials Science & Technology	http://www.ames.pi.titech.ac.jp/index.html	曾根 正人 Masato Sone	Tel: +81-459245043 E-mail : sone.m.aa@m.titech.ac.jp
20	日本	沖繩科學技術大學院 大學 Okinawa Institute of Science and Technology Graduate University (OIST)		Theoretical and experimental physics, Neuroscience, Marine and terrestrial ecology, synthetic chemistry, Material science and nanofabrication 2. 理論及先進量子相關科學 4. 生醫科學與工程 5. 分子及細胞生物 6. 生物多樣性與生態 7. 材料科技	https://www.oist.jp/ja	Grants and Research Collaborations Section	grant@oist.jp
21	日本	國家生物醫學創新、 健康與營養研究所 National Institutes of Biomedical Innovation, Health and Nutrition		Pharmaceutical and Health Sciences Biological Resources Research Research on Resources for Drug Discovery Research on Resources for Health and Biomedical Research, Nutrition Science	https://www.nibiohn.go.jp/en/	理事長(President)中村祐輔 (Yusuke Nakamura)	Tel: 81-72-641-9811 E-mail : yusuke-nakamura@nibiohn.go.jp yusuke.nakamura@jfc.or.jp
22	日本	北海道大學 Hokkaido University	地球環境科學研究院物質機能科 學部門 Section of Materials Science, Faculty of Environmental Earth Science	1. Earth Science & Technology 2. Materials Science & Technology	https://www.ees.hokudai.ac.jp/ems/staff/kamiya/home-en/	Prof. Yuichi Kamiya (神谷裕一)	Tel: +81-11-706-2217 E-mail : kamiya@ees.hokudai.ac.jp
			觸媒科學研究所觸媒反應研究部 門 Catalytic Reaction Research Division, Institute for Catalysis	Net Zero Technology and Energy Technology	https://www.cat.hokudai.ac.jp/nakajima/en/	Prof. Kiyotaka Nakajima (中島清 隆)	Tel: +81-11-706-9132 E-mail : nakajima@cat.hokudai.ac.jp
23	馬來西亞	馬來西亞國立大學 National University of Malaysia	所有院系	1.Molecular and Cellular Biology, Biomedical Science and Engineering 2.Epidemic Prevention Science 3.Agricultural Science, Biodiversity and Ecology 4.Energy Technology 5.Electronics and Communications Technology 6.Information Technology and Intelligent Computing	https://www.ukm.my/portalukm/	1.Prof. Ts. Dr. Muhammad Rahimi Yusop Director, Centre for Research & Instrumentation Management 2.Prof. Ts. Dr. Dee Chang Fu Director, Taiwan-Malaysia Semiconductor and Biomedical Overseas Science and Technology Innovation Center	1.Tel: +60-3-8921-3184 E-mail : drmc@ukm.edu.my rahimi@ukm.edu.my 2.Tel: +60-3-8911-8546 E-mail : cfdee@ukm.edu.my

項次	國別	研習機構	研習單位	研習領域	研習單位介紹	國外研習機構 指導或聯絡人姓名/職稱	聯絡資訊
24	以色列	以色列理工學院 Schulich Faculty of Chemistry at the Technion, Israel Institute of Technology	化學系the Schulich Faculty of Chemistry	化學、材料科技、有機合成、有機 不對稱合成催化、有機金屬化學	https://ilanmarek.technion.ac.il/#IlanMarek	Professor Ilan Marek	chilanm@technion.ac.il
25	以色列	國立本古里安大學 Ben-Gurion University	資安研究中心 Cyber @ Ben-Gurion University (Cyber@BGU, CBG)	資訊科技及智慧運算；資安卓越	https://cyber.bgu.ac.il/	Prof. Yuval Elovici Head of Cyber@BGU	Tel : +972 8 6428005 Fax : +972 8 6428121 E-mail : cyber-labs @bgu.ac.il
26	俄羅斯	莫斯科第一醫學大學 (Sechenov University)	莫斯科第一醫學大學 I. M. Sechenov First Moscow State Medical University	生醫科學與工程、高齡社會與健康 照護、精準健康	https://www.sechenov.ru/eng/	Igor Lunkov Acting Head, Strategy and International Development, Sechenov University	Tel:+7(495)622-9643 +7 916 308-17 91 Email:lunkov_i_s@staff.sechenov.ru
27	俄羅斯	南聯邦大學(Southern Federal University)	先進材料及元件力學與物理實驗室 (Laboratory of Mechanics and Physics of Advanced Materials and Devices, LMPAMD)	材料科技、能源科技、航太科技	http://www.lmpamd.sfedu.ru/English05.html	Ivan A. Parinov DrSc. Professor	Tel:+7-908-500-5384 Email:parinov_ia@mail
28	俄羅斯	彼得大帝理工大學 (Peter the Great St. Petersburg Polytechnic University)	輕材料與結構實驗室(Laboratory of Lightweight Materials and Structures (LWMS) at Peter the Great St. Petersburg Polytechnic University)	材料科技、能源科技	http://lwms.spbstu.ru/en/	Naumov Anton Alekseevich Deputy head of director for foreign relations, PhD Institute of Mechanical Engineering, Materials and Transport, SPbPU	Tel:+7(921)418-7394 Email: anton.naumov@spbstu.ru
歐洲							
29	奧地利	維也納大學 Universität Wien	Institute for Ethics and Law in Medicine; Institute for Systematic Theology and religious Studies	科技發展的倫理與法律意涵	www.ierm.at http://etfst.univie.ac.at/	Prof. Ulrich Körtner	Tel: +43 (0)1- 4277-32711 or 22201 Fax: +43 (0)1-4277-9327 or 9222 and +43 (0)1-4277-8-32711 Mobile phone: +43 (0) 664 60277 32711 E-mail: ulrich.koertner@univie.ac.at
30	比利時	跨校際微電子研究中心 Interuniversity MicroElectronics Center (IMEC)		1. Bio-micro-electromechanical System or Bio-electronics, 2. Nanoelectronics, 3. Design & Production Technology for System-on-Chip, 4. Smart Systems, 5. Wireless Autonomous Transducers, 6. Bio-electronics, 7. Heterogeneous Integration, etc.	www2.imec.be/be_en/home.html	Prof. Jo De Boeck Senoir Vice President, Smart System and Energy Technology	Tel: +32 16 28 12 11 Fax: +32 16 22 94 00 Email:jo.deboeck@imec.be; deboeck@imec.be
31	比利時	法語魯汶大學 Université catholique de Louvain (UCL)	得度費(de Duve Institute)醫學研究 中心	Genetics, Development, Infection, Metabolsim, Cancer and Stem Cell Research	www.deduveinstitute.be	1. Prof. Benoit Van de Eynde Co-Director of de Duve Institutie & Ludwig Institute for Cancer Research (合作計畫負責人) 2. Dr. Wen-Hui Lien 連文慧博 士(共同聯絡人)	1. Prof. Benoît Van de Eynde Tel: +32 (0) 2 764 75 72 Email: benoit.vandeneynde@uclouvain.be 2. Dr. Wen-Hui Lien Tel:+32 (0) 2 7647458 Email: wen-hui.lien@uclouvain.be

115年國家科學及技術委員會補助任務導向型團隊赴國外研習(龍門計畫)

外國研習機構一覽表

項次	國別	研習機構	研習單位	研習領域	研習單位介紹	國外研習機構 指導或聯絡人姓名/職稱	聯絡資訊
32	比利時	荷語天主教魯汶大學 KU Leuven	all	1. 理論及先進量子相關科學 2. 分子及細胞生物，生醫科學及工程 3. 防疫科學研究 4. 能源科技 5. 電子通訊科技 6. 資訊科技及智慧運算	https://www.kuleuven.be/kuleuven	Nele Philips	E-mail : nele.philips@kuleuven.be Tel: +32-16328178
33	丹麥	Aarhus University	Religion, Cognition and Culture Research Unit (RCC), Dept. of Culture and Society	Religion and Cognition	http://www.au.dk/	Prof. Armin W. Geertz	Tel: 871-62473 Email: awg@teo.au.uk
34	法國	巴黎薩克雷大學 Universite de Paris- Saclay	奈米科學與奈米科技中心Centre for Nanoscience and Nanotechnology (C2N), Universite de Paris-Saclay	1. 光電 2. 奈米電子 3. 材料 4.d. 微系統與奈米生醫微流	https://www.c2n.universite-paris-saclay.fr/en/	Luc Le Gratiet Head of partnerships and innovation strategy	TEL: +33 1 69 63 60 63 E-mail : luc.le-gratiet@c2n.upsaclay.fr
			巴黎薩克雷高等師範學院 Ecole Normale Supérieure Paris- Saclay (ENS-Paris-Saclay) 資訊科 技與能源科技應用系統實驗室 SATIE Laboratory of Systems and Applications of the Technologies of Information and Energy	(1) Electrical energy management, energy conversion, energy harvesting and transfer, power electronics, renewable energy, magnetic materials (2) Instrumentation and data processing for non-destructive control, bio-sensors, bio-micro-systems, signal processing, automatics	https://satie.ens-paris-saclay.fr/en	Francois COSTA Professor, Head of Department CSEE	Tel: +33 1 47 40 29 83 Email: Francois.costa@satie.enss- cachan.fr
35	法國	國家衛生及醫學研究 院 INSERM	Unité de Neuroimagerie Cognitive CEA/SAC//DRM/Neurospin Center	認知科學跨領域研究--心智、大腦 與教育 Cognitive Science, Mind, Brain, and Education	INSERM-CEA Cognitive Neuroimaging Research Unit - INSERM 562是Neurospin研究中心四個研究組之一，神經 顯像Neuroimaging研習領域為該中心專長	Dr. Denis Le bihan Director	Tel: +33 01 69 08 82 05 Fax: +33 01 69 08 79 80 Email: ddenis.lebihan@cea.fr
36	法國	法國國家科學研究院 (CNRS)	分子及細胞生物與基因研究所 Institut de Génétique et de Biologie Moléculaire et Cellulaire (IGMBC)	細胞生物與發育 癌症生物學 神經生物與基因 功能基因組學 結構生物	https://www.igbmc.fr/	Dr. Françoise Schubel/ Assistant to Director	To the attention of Françoise Schubel CNRS UMR 7104/INSERM U964/UDS 1 Rue Laurent Fries BP 10142 67404 Illkirch CEDEX France Tel +33 (0)3 88 65 32 16 Fax +33 (0)3 88 65 32 03 Email: directeur.igbmc@igbmc.fr
37	法國	巴斯德研究院 Institut Pasteur	(Institut Pasteur)	Infectious diseases	https://www.pasteur.fr/en	Dr Odette Tomescu-Hatto Director of International Network	Tel: +33 01 45 68 81 48 Fax: +33 01 45 68 89 52
38	法國	歐洲同步輻射中心 European Synchrotron Radiation Facility (ESRF)	(ESRF)	光速線 奈米科技 生物科技	http://www.esrf.eu/	Prof. Francesco SETTE, Director General	Email: sette@esrf.fr
39	法國	格列諾勃-阿爾卑斯 大學 University of Grenoble - Alpes	地球科學研究中心 Institute of Earth Sciences (ISTerre)	(1) Geology (2) Geophysics (3) Risks (4) Environmental Sciences	https://www.isterre.fr/?lang=en	Stephane Guillot Director of ISTerre	Tel: +33 4 76 63 52 00 Email: Direction.isterre@ujf-grenoble.fr

項次	國別	研習機構	研習單位	研習領域	研習單位介紹	國外研習機構 指導或聯絡人姓名/職稱	聯絡資訊
40	法國	索邦大學皮耶及瑪麗 居禮校區 Sorbonne Université Campus Pierre et Marie Curie	奈米科學 研究所 Institut des NanoSciences de Paris, INSP	(1) Theoretical and Advanced Quantum-related science (2) Materials Science & Technology	https://www.insp.upmc.fr/?lang=fr	Catherine Gourdon教授； INSP研究團隊總負責人、同時 為CNRS實驗室主持人	EMAIL: catherine.gourdon@insp.jussieu.fr Tel: +33144274629 Address: Institut des NanoSciences de Paris Université Pierre et Marie Curie cc 840, 4 place Jussieu 75005 Paris, France
41	法國	法國生物醫學研究中 心Clnatec	法國生物醫學研究中心Clnatec	1. Biomedical Science and Engineering. 2. Molecular and Cellular Biology 3. Ageing Society and Health Care	http://www.clnatec.fr/en/	1. Alim-Louis BENABID教授 (Clnatec主席) 2. Stephan CHABARDES教授	EMAIL : Alim-Louis BENABID教授 Stephan CHABARDES教授 Stphan.CHABARDES@cea.fr Address: 17, rue des Martyrs 38054 Grenoble cedex France
			Regional Institute of Research in Food-processing Industry and Biotechnology "Charles Viollette" (ICV)	<ul style="list-style-type: none"> • Food safety and quality, • Plant adaptation and stress • One Health • Microbial processes • Aquatic food quality, pathogens in aquaculture and food security 	https://institutcharlesviollette.univ-lille.fr/en_GB/home	Pr. Djamel Drider	+33 320 434 798 djamel.drider@univ-lille1.fr
			Institute of Electronics, Microelectronics and Nanotechnology (IEMN)	Physics of nanostructures Micro and Nano Systems Micro- Nano- and Optoelectronics Communication Systems and Application of Microwaves Acoustics	https://www.sinano.eu/sinano-vision-profile/members/university-of-lille-institut-for-electronics-microelectronics-and-nanotechnology/	Dr. Rabah Boukherroub	+33 (0)3 20 19 79 79 rabah.boukherroub@iemn.univ-lille1.fr

項次	國別	研習機構	研習單位	研習領域	研習單位介紹	國外研習機構 指導或聯絡人姓名/職稱	聯絡資訊
42	法國	里爾大學 Université de Lille	Laboratory of Infrared and Raman Spectrochemistry (LASIR)	<ul style="list-style-type: none"> 1- Photophysics, reactivity and functionality - Fundamental photophysics and photochemistry - Molecular and photo-controlled reactivity in porous media 2- Physico-chemistry of the environment - Aerosols & Reactivity - Modelisation of trace metal-organic matter interactions - Characterization tools for aquatic anthropogenic systems - Applications to studies in natural and impacted industrial sites 3- Magneto structural properties of materials - Organic carbonaceous material, Glassy materials - EPR and chemometrics methodologies 	https://lasir.cnrs.fr/	Pr. OUDDANE Baghdad	+33 3 20 43 44 81 Baghdad.ouddane@univ-lille.fr
			Laboratory of Oceanology and Geosciences (LOG)	<ul style="list-style-type: none"> 1- Oceanography and Coastal ecosystems - Physical oceanography, biological oceanography and their interaction - Marine biology, ecophysiology, food web dynamics, biogeosciences - Aquaculture, ecotoxicology, management of marine systems - Field, experimental and modelling approaches 2- Geosciences - Geology and sedimentology - Remote sensing and littoral/coastal dynamics - Field observation and modelling approaches 	http://log.cnrs.fr/	Pr. SOUISSI Sami	+33 3 21 99 29 08 Sami.Souissi@univ-lille.fr
			國立高等藝術與工業紡織學院 (ENSAIT) GEMTEX Research Laboratory	<ul style="list-style-type: none"> 材料科技 Materials Science & Technology 資訊科技及智慧運算 Information Technology and Intelligent Computing 	https://www.gemtex.fr/	曾憲奕(Xianyi ZENG)研究員	xianyi.zeng@ensait.fr
43	西班牙	巴塞隆納自治大學 Universitat Autònoma de Barcelona	人工智慧研究中心 Artificial Intelligence Research Institute (IIIA) of the Spanish National Research Council (CSIC)	Electronic Markets, Logistics, Environment, Energy, Tourism, Audiovisual Industry, Health and Wellness, Music, Autonomous Robots, Information Privacy, and Security.	https://iiia.csic.es/en-us/	Director Carles SIERRA Deputy Director Felip MANYÀ	Tel: +34 93 5809570 (ext 231) Email: sierra@iiia.csic.es Tel: +34 935 809 570 Email: felip@iiia.csic.es

項次	國別	研習機構	研習單位	研習領域	研習單位介紹	國外研習機構 指導或聯絡人姓名/職稱	聯絡資訊
44	德國	達姆施塔特高等資訊安全研究中心 Cybersecurity TU Darmstadt (CYSEC)	Cybersecurity TU Darmstadt (CYSEC)	1. 理論及計算科學 Theoretical Science and Computational Science, 2. 電子電信科技 Electronics and Telecommunication Technology, 3. 資訊安全	https://www.cysec.tu-darmstadt.de/cysec/index.en.jsp https://www.cysec.tu-darmstadt.de/cysec/ppl/page_principal_investigators.en.jsp	Prof. Marc Fischlin Spokesperson Research Profile Topic Cybersecurity at TU Darmstadt Ms. Andrea Püchner (Team Assistant)	Tel: +49 (0) 6151 16-25730 E-mail: marc.fischlin@tu-darmstadt.de Tel: +49 (0) 6151 16-22486 E-mail: andrea.puechner@tu-darmstadt.de
45	德國	德國亥姆霍茲聯合會 研究中心 Helmholtz Association of German Research Centers	德國癌症研究中心 (DKFZ)	1. 生醫科學與工程 Biomedical Science and Engineering, 2. 分子及細胞生物 Molecular and Cellular Biology, 3. 癌症醫學 Oncology	https://www.dkfz.de/en/index.html	Dr. Claudia Mayer International Cooperations	Tel: +49 (0)62 21-42-2653 E-mail: c.mayer@dkfz.de
			Juelich研究中心	1. 材料科學 Materials Science, 2. 能源科技 Energy Technology, 3. section Ethics in the Neurosciences	http://www.fz-juelich.de/portal/EN/Home/home_node.html	Dr. Norbert Drewes, Head of Corporate Development (UE)	Tel.: +49 (0)2461 61-1814 Fax: +49 (0)2461 61-1816 E-mail: n.drewes@fz-juelich.de
			德國分子醫學中心 Max Delbrück Center for Molecular Medicine (MDC)	Biomedical research	https://www.mdc-berlin.de/about-us	Prof. Thomas Sommer Chair of the Board and Scientific Director (interim)	(Ms) Dr. Nuria Cerda Esteban Head of Scientific Directorate Office Tel: +49 (0) 30 9406 4222 E-mail: nuria.cerda-esteban@mdc-berlin.de
			德國地質研究中心 Helmholtz Centre Potsdam, GFZ German Research Centre for Geosciences	Solid Earth Sciences	https://www.gfz-potsdam.de/en/home/	1. Prof. Dr. Susanne Buitter Scientific Executive Director and Spokesperson 2. Dr. Stefan Schwartze Administrative Executive Director	1. Tel: +49 (0) 331 288-1000/1015 susanne.buitter@gfz-potsdam.de 2. Tel: + 49 (0) 331 288-1001/1068 E-mail: stefan.schwartze@gfz-potsdam.de
46	德國	德國光學研究所 Leibniz IPHT (Institute of Photonic Technology)	Leibniz IPHT (Institute of Photonic Technology)	Micro-/Nanotechnology, Fiber Technology, Nanophotonic Technology and Systems Technology	https://www.leibniz-ipht.de/en.html	Prof. Jürgen Popp Scientific Director	Tel: +49 (0) 3641-206-300 Email: juergen.popp@ipht-jena.de
47	德國	弗萊堡大學醫學中心 University Medical Center Freiburg	Medical Physics Department of Radiology	核磁共振	https://www.uniklinik-freiburg.de/mr-en.html	Prof. Jürgen Hennig Scientific Director, Department of Radiology – Medical Physics	Tel: +49(0) 761 270 383-60/50 Fax: +49(0) 761 270 38310 Email: juergen.hennig@uniklinik-freiburg.de
48	荷蘭	鹿特丹伊拉斯姆斯大學 Erasmus University Rotterdam	Erasmus Happiness Economics Research Organization	生活品質與福祉	http://www.narcis.nl/organisation/RecordID/ORG1243849/Language/en	Ruut Veenhoven	Tel: +31 10 4082102 Email: veenhoven@ese.eur.nl
			Erasmus Medical Center (Erasmus MC)	生醫科學及醫療器材	http://www.erasmusmc.nl/	Prof. Ernst J. Kuiper, Dean, Vice-Chairman Board of Directors, Dr. Raoul Tan, Senior Advisor International Affairs, Development Office	Tel: +31 10 703 8431 Email: e.j.kuijper@lumc.nl
49	荷蘭	荷蘭恩荷芬科技大學 Technology University of Eindhoven (TU/e)	工業設計學院 Department of Industrial Design	高齡社會與健康照護 (Ageing Society and Health Care) (創新及智慧長照 Innovative Design and Smarter Long Term Care)	https://www.tue.nl/en/university/departments/industrial-design/	Pf. Lin-Lin Chen 陳玲玲	+31 40-247 8682 l.Chen@tue.nl

115年國家科學及技術委員會補助任務導向型團隊赴國外研習(龍門計畫)

外國研習機構一覽表

項次	國別	研習機構	研習單位	研習領域	研習單位介紹	國外研習機構 指導或聯絡人姓名/職稱	聯絡資訊
50	荷蘭	萊登大學Leiden University	all	1. 分子及細胞生物，生醫科學及工程 2. 防疫科學研究 3. 農業科學、生物多樣性與生態 4. 高齡社會與健康照護 5. 認知科學跨領域研究 6. 資訊科技及智慧運算	https://www.universiteitleiden.nl/en	Yun Tian	E-mail : y.tian@science.leidenuniv.nl Tel: +31-715274665
51	瑞士	洛桑聯邦理工學院 Ecole Polytechnique Fédérale de Lausanne (EPFL)	Laboratory of Photonics and Interfaces (LPI), Institute of Chemical Sciences and Engineering (ISIC)	太陽能電池領域	https://lpi.epfl.ch/	Prof. Michael Graetzel Head of the laboratory	Tel: +41 (0)21 693 31 12/15 E-mail: michael.graetzel@epfl.ch
52	瑞士	蘇黎世聯邦理工學院 Eidgenössische Technische Hochschule Zürich	Office of the President, International Affairs	engineering natural sciences	https://ethz.ch/services/en/organisation/staff-units/office-of-the-president.html	Ms. Patricia Heuberger, Programme Manager International Affairs, Bilateral Programmes with Asia	Tel: +41 (0) 44 632 5613 E-mail: patricia.heuberger@sl.ethz.ch
53	英國	倫敦帝國學院 Imperial College London	生醫工程研究所 (Institute of Biomedical Engineering)	生醫工程 Biomedical Engineering	http://www.imperial.ac.uk/biomedical-engineering	Professor Christofer Toumazou, Founding Director of the Institute and Chief Scientist	E-mail: c.toumazou@imperial.ac.uk Tel: +44 (0)207 594 6255
54	英國	劍橋大學 University of Cambridge	1.Department of Psychology, 2. Behavioural and Clinical Neurosciences Institute (BCNI) Department of Psychology	認知科學跨領域研究--心智、大腦 與教育 Cognitive Science, Mind, Brain, and Education	http://www.psychol.cam.ac.uk/	1./2. Professor Trevor W. Robbins	Email: trcnlabs@psychol.cam.ac.uk Tel: +44 (0)1223 (3)33551
55	英國	倫敦大學學院 University College London	婦女研究所 (EGA Institute for Women's Health)	分子及細胞生物學 Molecular and cellular biology	https://www.ucl.ac.uk/population-health-sciences/womens-health	Professor Anna David, Director of Institute for Women's Health Professor in Obstetrics and Maternal Fetal Medicine	Email: a.david@ucl.ac.uk
56	英國	愛丁堡大學 University of Edinburgh	能源系統研究所 Institute for Energy Systems	海洋能源 Marine Energy	https://www.eng.ed.ac.uk/research/institutes/ies	Prof. A Robin Wallace	Email: Robin.Wallace@ed.ac.uk
57	英國	南安普敦大學 University of Southampton	Optoelectronics Research Centre	Nanophotonics and Metamaterials Materials Science & Technology Energy Technology & Electronics Telecommunications Technologies	www.southampton.ac.uk/orc	Prof. Nikolay Zheludev Professor of Physics & Astronomy	Email: niz@orc.soton.ac.uk Tel: +44 23 8059 1964
58	英國	牛津大學 University of Oxford	甘迺迪風濕病學研究院 Kennedy Institute of Rheumatology	1. 分子及細胞生物 Molecular and Cell Biology 2. 生醫科學與工程 Biomedical Science and Technoogy	http://www.kennedy.ox.ac.uk/research	Prof. Richard Williams	Email: richard.williams@kennedy.ox.ac.uk Tel: +44 1865 612635
			腫瘤學系暨癌症中心 Oxford Cancer Centre/Department of Oncology	1. 分子及細胞生物、生醫科學及工 程 2. 防疫科學研究	https://www.oncology.ox.ac.uk/ & https://www.cancer.ox.ac.uk/	Dr CHEN-CHUN PAI	E-mail : CHEN- CHUN.PAI@ONCOLOGY.OX.AC.UK

項次	國別	研習機構	研習單位	研習領域	研習單位介紹	國外研習機構 指導或聯絡人姓名/職稱	聯絡資訊
59	英國	艾克斯特大學 University of Exeter	工程、數學及物理科學院所屬之 水系統中心 Centre for Water Systems (CWS)	地球科技 Earth Science & Technology	http://www.ex.ac.uk/cws	Prof Dragan Savic, Founder and Former Director of Centre for Water Systems/ Prof. Albert S. Chen(陳宣宏) Personal Chair in Water and the Human Environment	Email: a.s.chen@exeter.ac.uk
60	英國	MRC再生醫學中心 MRC Centre for Regenerative Medicine (CRM)	MRC再生醫學中心 MRC Centre for Regenerative Medicine (CRM)	Molecular and Cellular Biology; Biomedical Science and Engineering	http://www.crm.ed.ac.uk/	Professor Stuart Forbes , Director, Institute for Regeneration and Repair	Tel: PA Carolyn Walthew - 0131 651 9637 Email: IRR-Director@ed.ac.uk
31	英國	John Innes Centre (JIC)	John Innes Centre (JIC)	Plant and Agriculture Sciences; Microbiology; Molecular and Cellular Biology; Biomedical Science and Engineering	https://www.jic.ac.uk/about/ ; https://www.jic.ac.uk/about-us/our-science/departments/	Professor Cathie Martin Group Leader Fellow of the Royal Society Harnessing Biosynthesis for Sustainable Food and Health (HBio)	Email: cathie.martin@jic.ac.uk Tel: +44 (0) 1603 450275
62	英國	倫敦國王學院 King's College London (KCL)	西西里桑德斯研究所 Cicely Saunders Institute (CSI)	高齡社會與健康照護 (Ageing Society and Health Care)	https://www.kcl.ac.uk/cicelysaunders	Prof. Richard Harding Interim Executive Dean, Faculty of Nursing, Midwifery & Palliative Care	Email: richard.harding@kcl.ac.uk
63	英國	倫敦衛生與熱帶醫學 院London School of Hygiene and Tropical Medicine	公共衛生與政策學院Faculty of Public Health and Policy	1. 防疫科學研究 2. 高齡社會與健康照護 3. 社會發展與福祉	https://www.lshtm.ac.uk/research/faculties/php	Prof. Isaac Yen-Hao Chu	E-mail : Yen-hao.chu1@lshtm.ac.uk Tel: +44 (0)20 7927 2036
64	英國	倫敦大學瑪麗皇后學 院 Queen Mary University of London	Blizard 研究所 Blizard Institue, Faculty of Medicine and Dentistry	1.分子及細胞生物, 生醫科學及工 程(Molecular and Cellular Biology, Biomedical Science and Engineering) 2.高齡社會與健康照護(Ageing Society and Health Care) 3.防疫科學研究(Epidemic Prevention Science)	https://www.qmul.ac.uk/blizard	Prof. William Alazawi Dr. Huei-Tyng (Philippe) Huang	E-mail : w.alazawi@qmul.ac.uk h.t.huang@qmul.ac.uk
65	捷克	Czech Academy of Sciences (捷克科學 院)	Biology Centre(生物中心)	1.農業科學、生物多樣性與生態 Agricultural Science, Biodiversity and Ecology 2.分子及細胞生物 Molecular and Cellular Biology	https://www.bc.cas.cz/en/	Director Libor Grubhoffer	Director Libor Grubhoffer Tel: +420 387775050 Email: libor.grubhoffer@bc.cas.cz
66	斯洛伐克	斯洛伐克科學院 (Research Center for Quantum Information, SAS)	量子科技研究中心 (Research Center for Quantum Information, SAS)	理論及先進量子相關科學 Theoretical and Advanced Quantum- related Science	http://www.quantum.physics.sk/	Vladimir Buzek Director	TEL : (+421 +2) 20910701 Fax : (+421 +2) 5477-6085 E-mail : buzek@savba.sk

美 洲

115年國家科學及技術委員會補助任務導向型團隊赴國外研習(龍門計畫)

外國研習機構一覽表

項次	國別	研習機構	研習單位	研習領域	研習單位介紹	國外研習機構 指導或聯絡人姓名/職稱	聯絡資訊
67	加拿大	Western University (University of Western Ontario) in London Ontario		Synchrotron Radiation-related Sciences	http://www.lightsource.ca/	Prof. Tsun-Kong Sham(岑俊江)	Tel: +1 519-661-2166 ex. 86297 (Lab) Email: tsham@uwo.ca
68	加拿大	英屬哥倫比亞大學 The University of British Columbia	Michael Smith Laboratories	生物科技Biotechnology	http://www.msl.ubc.ca/	Dr. Peter Zandstra	Tel: +1 604 822 2694 Email: peter.zandstra@msl.ubc.ca
			UBC Dental Education Research Lab	1.高齡社會與健康照護 Ageing Society and Health Care 2. 認知科學跨領域研究--心智、大 腦與教育 Cognitive Science, Mind, Brain, and Education 3.科技發展的倫理、法律與宗教意 涵 Ethical, Legal, Religious & Social Issues	https://www.dentistry.ubc.ca/faculty-profiles/u-z/hsingchi-von-bergmann/	Prof. von Bergmann, HsingChi	Tel: +1 604-827-5699; 778-960-9122 Email: hsingchi.von.bergmann@ubc.ca
			量子材料研究所 Stewart Blusson Quantum Matter Institute (QMI or SBQMI)	理論及先進量子相關科學 Theoretical and Advanced Quantum- related Science	https://qmi.ubc.ca/ https://qmi.ubc.ca/people/investigators/	Pinder Dosanjh, Facilities Director(Industry Contact)	Email: contact@qmi.ubc.ca Tel: +1 604-822-3909 dosanjh@phas.ubc.ca
			腦神經科學研究所 Faculty of Medicine Graduate Program in Neuroscience	分子及細胞生物，生醫科學及工程 (Molecular and Cellular Biology， Biomedical Science and Engineering) 認知科學跨領域研究[含心智大腦 與教育] Cognitive Science and Brain Technology (Mind and Education included)	https://neuroscience.ubc.ca/	王玉田(Wang, Yu Tian)教授	Tel: +1 604 822 0398 Email: ytwang@brain.ubc.ca
		光子學研究中心 Centre for Research in Photonics	1. 飛秒科學實驗室Attosecond Science Lab	1. 飛秒科學實驗室Attosecond Science Lab	http://www.jaslab.ca https://www.attoscience.ca/people/paul-corkum/	1. Prof. Paul Corkum, Canada Research Chair Tier 1 in Attosecond Photonics	Pierre Berini, Director, Centre for Research in Photonics / Chair in Surface Plasmon Photonics, Tel: +1 613 562-5800 ext. 6316 Email: pberini@uottawa.ca http://www.eecs.uottawa.ca/~berini/
			2. 量子光子學Quantum photonics	2. 量子光子學Quantum photonics	https://www.uottawa.ca/faculty-engineering/directory https://www.uottawa.ca/faculty-science/professors/robert-boyd	2. Prof. Robert Boyd, Canada Excellence Research Chair in Quantum Nonlinear Optics	
			3. 表面電漿光子學Surface Plasmon Photonics	3. 表面電漿光子學Surface Plasmon Photonics	http://www.site.uottawa.ca/~berini/research.html	3. Prof. Pierre Berini, Chair in Surface Plasmon Photonics	
			4. 分子光子學Molecular Photonics	4. 分子光子學Molecular Photonics	https://extremephotonics.com/albert-stolow/	4. Prof. Albert Stolow, Adjunct Professor and NRC Program leader of the Molecular Photonics Group	
			5. 高速光子學Ultra-fast Photonics	5. 高速光子學Ultra-fast Photonics	http://mysite.science.uottawa.ca/brabec/	5. Prof. Thomas Brabec, Canada Research Chair Tier 1 in Ultra- fast Photonics	

項次	國別	研習機構	研習單位	研習領域	研習單位介紹	國外研習機構 指導或聯絡人姓名/職稱	聯絡資訊
69	加拿大	渥太華大學 University of Ottawa	心臟研究所 Heart Institute	1. atherosclerosis, necroptosis and miRNA 2. Genomics, coronary disease risk, Vascular Inflammation and Metabolism 3. aortic diseases, biomarker, physiology and imaging 4. molecular imaging 5. biomarkers, diastolic heart failure, ischemic heart failure, microvascular diseases	https://www.ottawaheart.ca/researchers/cardiovascular-research-ottawa https://www.ottawaheart.ca/researchers/research-teams	Dr. Katey Rayner, chief scientific officer and vice president of research (atherosclerosis, necroptosis and miRNA), Dr. Ruth McPherson (Genomics, coronary disease risk) Dr. Thais Coutinho (aortic diseases, biomarker, physiology and imaging), Dr. Benjamin Rotstein (molecular imaging) Dr. Peter Liu(劉丕) (biomarkers, diastolic heart failure, ischemic heart failure, microvascular diseases)	Dr. Peter Liu, MD, FRCPC, former Chief Scientific Officer & Vice President of Research, University of Ottawa Heart Institute Professor, Faculty of Medicine (Cardiology), University of Ottawa Tel:+1 613-696-7000 ext.19544 Email: pliu@ottawaheart.ca
70	加拿大	滑鐵盧大學 University of Waterloo (UW)	滑鐵盧奈米技術研究所 Waterloo Institute for Nanotechnology (WIN)	science and engineering at the atomic scale 1. Institute for Quantum Computing 2. Transformative Quantum Technologies	https://uwaterloo.ca/institute-nanotechnology/ https://uwaterloo.ca/institute-nanotechnology/people-profiles/sushanta-mitra	Prof. Sushanta Mitra Prof. David Cory	Tel: +1 519-888-4567 ext.37176 Email: skmitra@uwaterloo.ca Tel: +1 519-888-4567 ext.37307 Email: dcory@uwaterloo.ca
71	加拿大	渥太華醫院研究所 Ottawa Hospital Research Institute	OHRI Core Facilities Ottawa Hospital Research Institute	1. 慢性病計畫Chronic Disease Program: Molecular and cellular mechanisms of chemoresistance and disorders of fertility 2. 神經科學計畫Neuroscience Program: Brain and Spinal Cord regeneration, Diagnostic imaging, biomaterials, stem cells, genetic microRNA treatments, stroke and spinal cord, injury treatments	http://www.ohri.ca/Programs/ChronicDisease/default.asp https://www.ohri.ca/profile/btsang/profile http://www.ohri.ca/profile/etsai	Prof. Benjamin K. Tsang(曾國賢), Professor and Senior Scientist Dr. Eve C. Tsai, Neurosurgeon and Clinician Scientist	Tel: +1 613-737-8899 ext.72926 Email: btsang@ohri.ca Tel: +1 613-798-5555 ext.18922 Email: etsai@toh.ca
		國家研究院 National	Digital Technologies Research Centre	Biomedical Science and Engineering, Information Technology and Intelligent Computing	https://nrc.canada.ca/en/research-development/research-collaboration/research-centres/digital-technologies-research-centre	1.Dr. Joel Martin 2.Ms. Lorena Maciel	1Tel: +1 343-990-9098 Email: joel.martin@nrc-cnrc.gc.ca 2. Tel: +1 613-993-0987 Email. Lorena.Maciel@nrc-cnrc.gc.ca

項次	國別	研習機構	研習單位	研習領域	研習單位介紹	國外研習機構 指導或聯絡人姓名/職稱	聯絡資訊
72	加拿大	國家研究院 National Research Council	Quantum Nanoscience (QN) Research Centre	Quantum communication, Sensing, and imaging; Photonics; Nanotechnologies; Advanced materials for additive manufacturing; Advanced nanomaterials; Electronics	https://nrc.canada.ca/en/research-development/research-collaboration/research-centres/quantum-nanotechnologies-research-centre	1. Alexander Munro, Business Development Officer 2. Lorena Maciel, Senior Advisor	1. Tel: +1 514-448-7698 Email: Alexander.Munro@nrc-cnrc.gc.ca 2. Tel: +1 613-993-0987 Email: Lorena.Maciel@nrc-cnrc.gc.ca
			Matter Lab (Department of Chemistry, Department of Computer Science, and Vector Institute)	Theoretical Chemistry, Quantum Computing, Machine learning, Automated Chemistry	http://matter.toronto.edu/	Prof. Alán Aspuru-Guzik	Name: Alán Aspuru-Guzik Email: alan@aspuru.com, aspuru.assistant@utoronto.ca
			1. Department of Mechanical and Industrial Engineering (Sensors & Decisions)	Materials Science & Technology structural health monitoring (SHM) and prognosis of engineering systems	http://decisionics.mie.utoronto.ca/	Professor Fae Azhari	Tel: +1 416-978-2534 Email: azhari@mie.utoronto.ca
			2. Department of Mechanical and Industrial Engineering (Microcellular Plastics Manufacturing Laboratory, MPML)	plastic foaming technology	https://mpml.mie.utoronto.ca/lab/main/ https://patricklee.mie.utoronto.ca/members/patricklee/ https://mpml.mie.utoronto.ca/lab/director/	Professor Patrick Lee / Chul Park	Prof. Patrick Lee Tel: +1 416-946-5407 Email: patricklee@mie.utoronto.ca Prof. Chul B. Park, Director Tel: +1 416-978-3053 Email: park@mie.utoronto.ca
			3. Department of Mechanical and Industrial Engineering (Turbulence Research Lab)	aerodynamic control using zero mass/net momentum input devices (Synthetic Jet Actuators (SJA))	http://turbulence.mie.utoronto.ca/	Professor Pierre Sullivan	Tel: +1 416 978-3110 Email: sullivan@utoronto.ca
			4. Department of Mechanical and Industrial Engineering (Centre for Maintenance Optimization and Reliability Engineering , C-MORE)	dynamic decision making and reinforcement learning	http://cmore.mie.utoronto.ca	Professor Chi-Guhn Lee	Tel: +1 416 946-7867 (temporarily unavailable) Email: cglee@mie.utoronto.ca
			5. Department of Mechanical and Industrial Engineering (Manufacturing Instrumentation & Virtual Manufacturing (MIVM) Laboratory Computer Integrated Manufacturing Laboratory (CIMLab)	1. Electronics and Communications Technology (Primary) 2. Information Technology and Intelligent Computing	https://www.mie.utoronto.ca/mie/faculty/benhabib https://cimlab.mie.utoronto.ca	Professor Beno Benhabib	Tel: +1 416-978-3447 Email: Benhabib@mie.utoronto.ca
			6. Department of Mechanical and Industrial Engineering (Center for Advanced Diffusion- Wave and Photoacoustic Technologies, CADIPT)	novel creative imaging methodologies in inspection and nondestructive optoelectronic testing of alternative energy conversion devices (e.g. solar cells, nano-optoelectronic devices) and industrial manufactured products (steels, metal composites, automotive and aerospace components)	https://cadipt.mie.utoronto.ca/personnel/mandelis-andreas/	Professor Andreas Mandelis	Tel: +1 416-978-5106 Email: mandelis@mie.utoronto.ca

項次	國別	研習機構	研習單位	研習領域	研習單位介紹	國外研習機構 指導或聯絡人姓名/職稱	聯絡資訊
73	加拿大	University of Toronto (多倫多大學)	7. Department of Mechanical and Industrial Engineering (Human Factors and Applied Statistics (HFASt) Lab)	Information Technology and Intelligent Computing user interactions with automated vehicles and operator attention in surgery	http://hfast.mie.utoronto.ca	Prof. Birsen Donmez	Tel: +1 416 978 7399 Email: donmez@mie.utoronto.ca
			8. Faculty of Applied Sciences and Engineering / Faculty of Medicine Chemical Engineering and Applied Chemistry	1. Biomedical Science and Engineering 2. Molecular and Cellular Biology 3. Information Technology and Intelligent Computing design, build, and application of combination imaging platforms to probe the mechanisms that underpin the assembly of functional biological structures	https://chem-eng.utoronto.ca/	Prof. Christopher Yip	Tel: +1 416-978-7853 christopher.yip@utoronto.ca
			9. Department of Mechanical and Industrial Engineering (Cognitive Engineering Laboratory, CEL)	Cognitive Engineering Lab Cognitive Science Information Technology and Intelligent Computing power generation and transmission, military systems, medical diagnosis) to interact effectively with Artificial Intelligence and Machine Learning based decision aids	https://cel.mie.utoronto.ca/ https://www.mie.utoronto.ca/mie/faculty/jamieson	Professor Greg A. Jamieson	Tel: +1 416-946-8504 Email: jamieson@mie.utoronto.ca
			10. Department of Mechanical and Industrial Engineering (Advanced Micro and Nanosystems Laboratory)	Biomedical Science and Engineering developing innovative technologies and instruments for manipulating and characterizing cells, molecules, and nanomaterials	http://amnl.mie.utoronto.ca/ https://amnl.mie.utoronto.ca/index.php?page=contactus	Professor Yu Sun (孫鈺)	Tel: +1 416-946-0549 (office) +1 416-978-8663 (lab) Email: sun@mie.utoronto.ca
			11. Department of Mechanical and Industrial Engineering (Cellular Biomechanics Laboratory)	Biomedical Science and Engineering solving biomechanical questions in muscular skeletal system at the cellular level	http://cbl.mie.utoronto.ca	Prof. Lidan You (游莉丹)	Tel: +1 416.978.5736 Email: youlidan@mie.utoronto.ca
			12. Department of Speech-Language Pathology (University of Toronto Holland Bloorview Kids Rehabilitation Hospital)	Biomedical Science and Engineering Cognitive Science, Mind, Brain, and Education investigating the utility of non-invasive brain stimulation to facilitate motor and cognitive rehabilitation in paediatric neurodevelopmental, stroke and acquired brain injury populations	http://research.hollandbloorview.ca/scientists/dbeal	Dr. Deryk Beal	Tel: +1 416-425-6220 ext.3582 Email: dbeal@hollandbloorview.ca

項次	國別	研習機構	研習單位	研習領域	研習單位介紹	國外研習機構 指導或聯絡人姓名/職稱	聯絡資訊
			13. Faculty of Applied Sciences and Engineering (Institute for Water Innovation)	Primary: Materials Science & Technology Secondary: Earth Science & Technology、Biomedical Science and Engineering、Energy Technology [內含有機太陽能電池 Organic Photovoltaics included]、Ageing Society and Health Care	http://water.utoronto.ca/researchers/frank-gu/	Prof. Frank Gu	Tel: +1 416 978 8518 Email: F.Gu@utoronto.ca
74	加拿大	卡加利大學 University of Calgary	Department of Physiology and Pharmacology, Cumming School of Medicine	分子及細胞生物，生醫科學及工程 (Molecular and Cellular Biology, Biomedical Science and Engineering) 認知科學跨領域研究[含心智大腦與教育]Cognitive Science and Brain Technology (Mind and Education included)	https://cumming.ucalgary.ca/departments/physiology-pharmacology/grant-gordon	Prof. Grant Gordon	Tel: +1 403-220-8345 Email: gordong@ucalgary.ca
75	加拿大	麥吉爾大學 McGill University	Reyes-Lamothe Lab	分子及細胞生物，生醫科學及工程 (Molecular and Cellular Biology, Biomedical Science and Engineering)	https://reyes-lamothe.lab.mcgill.ca/index.html	Associate Professor Rodrigo Reyes-Lamothe	Tel: +1 514 398-5137 Email: rodrigo.reyes@mcgill.ca
76	美國	阿岡國家實驗室 Argonne National Laboratory		1. Materials, Chemistry, and Molecular Design and Discovery 2. Hard X-Ray Sciences 3. Molecular imaging/Brain mapping 4. Information Technology and Intelligent Computing/ Array of Things (including urban sciences) 5. Urban Water, Food, Energy, and Ecosystems Data Sciences Collaboration (Urban Water-FEEDS)	http://www.anl.gov/	1~2: Mr. Norman D. Peterson, Director, Government Relations 3: Narayanan Bobby Kasthuri, Neuroscientist, Argonne National Laboratory Assistant Professor in Neurobiology University of Chicago 4: Charlie Catlett Director, Urban Center for Computation and Data 4: Ralph T Muehleisen Principal Building Scientist and Buildings Program Lead 5. Dr. Yupo Lin(林裕鉞), Group Leader, Chemical and Biological Technologies	1~2. Tel: +1 630 252 7229 Email: npeterson@anl.gov 3. Email: bobby.kasthuri@gmail.com 4: Email: Catlett@anl.gov 4. Ralph T Muehleisen Tel: 630-252-2547 Email: rmuehleisen@anl.gov 5. Yupo Lin yplin@anl.gov
77	美國	美國國家衛生研究院 National Institutes of Health (NIH)	The Intramural Research Program (IRP), National Institute on Drug Abuse (NIDA)	Calcium homeostasis and cellular dysfunction	https://irp.nida.nih.gov/staff-members/brandon-harvey/	Dr. Brandon Harvey, TT Investigator, MMCSI/INRB/NIDA	bharvey@mail.nih.gov
			Division of Intramural Research (DIR), National Institute of Neurological Disorders and Stroke (NINDS)	Biomedical Informatics Research in Neuroscience	https://www.ninds.nih.gov/about-ninds/who-we-are/staff-directory/yang-fann	Dr. Yang C. Fann(范揚政), Director, Intramural IT and Bioinformatics Program.	Dr. Fann: Tel: 301-451-5153; Email: fann@ninds.nih.gov
			3. National Cancer Institute (NCI)	(NIH-NCI)	http://www.cancer.gov/	Dr. Ann Chao(趙安), Health Science Administrator	ann.chao@nih.gov

115年國家科學及技術委員會補助任務導向型團隊赴國外研習(龍門計畫)

外國研習機構一覽表

項次	國別	研習機構	研習單位	研習領域	研習單位介紹	國外研習機構 指導或聯絡人姓名/職稱	聯絡資訊
78	美國	哥倫比亞大學 Columbia University	Digital Video and Multimedia Lab	Machine Learning, Computer Vision, and Multimedia	http://www.ee.columbia.edu/dvmm/	Senior Executive Vice Dean Dr. Shih-Fu Chang (張世富)	Tel: +1 212-854-6894 Fax: +1 212-932-9421 Email: shih.fu.chang@columbia.edu
79	美國	哈佛大學 Harvard University	East Asian Department and Comparative Literature Department	東亞文化	http://harvardealc.org/home.php	王德威教授(David Der-wei Wang)	Email: dwang@fas.harvard.edu Tel: (617) 496-0925
			Biomedical Informatics, Harvard Medical School(哈佛醫學院)	分子及細胞生物, 生醫科學及工程	https://dbmi.hms.harvard.edu/	余坤興教授(Kun-Hsing Yu)	Email: kun-Hsing_Yu@hms.harvard.edu Tel: +1(617)432-2144
80	美國	約翰霍普金斯大學 Johns Hopkins University	Energy Frontier Research Center	Spintronics, Spin Caloritronics, Pure Spin Current Phenomena	http://sites.krieger.jhu.edu/chienlab/	Prof. Chia-Ling Chien 錢嘉陵教 授	Tel: 410-516-8092 Fax: 410-516-7239 Email: clchien@jhu.edu
81	美國	麻省理工學院 MIT	1. Picower Institute for Learning and Memory	1. Brain and Cognitive Sciences	1. http://bcs.mit.edu/people/tsai.html , http://web.mit.edu/picower/faculty/tsai.htm 2. MIT has changed their policy so that foreign exchange students or scholars come with a \$6000/yr charge that has to be paid by the lab	1. 蔡立慧院士 Prof. Li-Huei Tsai	1. Tel: +1 617-324-1660 Email: lh-tsai@mit.edu
82	美國	洛克斐勒大學 Rockefeller University	Laboratory of Biochemistry and Molecular Biology	Biochemical, molecular biological and genetic analyses of the regulation of gene expression, through transcription (co)factors and epigenetic modifications, during development, cell differentiation, homeostasis and cell transformation	http://www.rockefeller.edu/research/faculty/labheads/RobertR oeder/	Dr. Robert G. Roeder	Email: Robert.Roeder@rockefeller.edu Add: The Rockefeller University 1230 York Avenue New York, NY 10065 Tel: (212) 327-8000
83	美國	國家標準暨技術院 National Institute of Standards and Technology (NIST)	1. Sensor Science Division	Energy Technology Solid state lighting	http://www.nist.gov/pml/div685/grp03/ssl.cfm	Dr. Yoshi Ohno (大野喜孝)	Email: ohno@nist.gov Tel: 301-975-2321
			2. Physical Measurement Laboratory, National Institute of Standards and Technology	Biomedical Science and Engineering/Microfluidic systems/BioMEMS/Cell Mechanics/	https://www.nist.gov/people/darwin-reyes-herandez	Dr. Darwin R. Reyes	Dr. Darwin Reyes Tel: 301-975-5466 Email: darwin.reyes@nist.gov
			3. Engineering Laboratory, National Institute of Standards and Technology	Distributed AI for smart manufacturing/ Dimensional Measurement/ Manufacturing Performance Metrics/Smart Manufacturing	https://www.nist.gov/el/systems-integration-division- 73400/about	Dr. Shaw C. Feng	Dr. Shaw C. Feng Tel: 301-975-3551 Email: shaw.feng@nist.gov
			4. Physical Measurement Laboratory, National Institute of Standards and Technology	condensed matter physics; quantum materials characterization; magnetic 2D materials; inelastic scattering spectroscopy	https://www.nist.gov/people/angela-r-hight-walker	Dr. Angela Hight Walker	Dr. Angela Hight Walker Tel: 301-975-2155 Email: angela.hightwalker@nist.gov
84	美國	伊利諾伊大學香檳分 校 University of Illinois at urbana-Champaign (UIUC)	Department of Kinesiology and Community Health	老齡化, 輔助技術, 適應性運動 Aging, Assistive Technology, Adaptive Sports	http://illinois.edu/	Yih-Kuen Jan, PhD (詹益坤) Associate Professor and Director, Rehabilitation Engineering Lab	Email: yjan@illinois.edu Tel: (217) 300-7253
			Madhavan Lab at Department of Physics (物理系 Madhavan 實驗室)	量子材料	http://madhavanlab.org/	Prof. Vidya Madhavan	Tel: 217-300-1476 Email: vm1@illinois.edu

項次	國別	研習機構	研習單位	研習領域	研習單位介紹	國外研習機構 指導或聯絡人姓名/職稱	聯絡資訊
85	美國	賓州州立大學 Penn State University	Department of Geosciences	Earth Sciences and Technology- Geology and Tectonics	http://www.geosc.psu.edu/	Professor Donald Fisher	Tel:814-865-3206 Email:dmf6@psu.edu
86	美國	康乃狄克大學 University of Connecticut	Department of Geography	Earth Sciences and Technology- Structural geology, tectonics of east Asia; geomorphology, thermochronology, cosmogenic radio nuclides; sedimentary basin analysis, climate and geochronology	http://geography.uconn.edu http://www.earth.uconn.edu	Professor Timothy Byrne Prof. Will Ouimet Prof. Michael Hren Prof. Julie Fosdick	tim.byrne@uconn.edu Tel: 860-486-8144 william.ouimet@uconn.edu michael.hren@uconn.edu julie.fosdick@uconn.edu
			Connecticut Institute for the Brain and Cognitive Sciences	Cognitive Science, Mind, Brain, and Education	http://ibacs.uconn.edu	Prof. James Magnuson	Tel: +1 860-486-3525 Email: james.magnuson@uconn.edu
87	美國	Yale University	Haskins Laboratories	Cognitive Science, Mind, Brain, and Education	http://www.haskins.yale.edu/staff/pugh.html	Prof. Kenneth Pugh	Tel: 203-865-6163 ext. 224 pugh@haskins.yale.edu
88	美國	貝勒醫學院 Baylor College of Medicine	1. Department of Pathology & Immunology & Department of Molecular & Cellular Biology,	1. RNA molecular switches and RNA mutations in cancer	https://www.bcm.edu/research/labs/laising-yen/	Assistant Professor Laising Yen (嚴來興)	1. Tel: +1 713-798-1180 Email: yen@bcm.edu
89	美國	美國國家再生能源實 驗室 National Renewable Energy Laboratory (NREL)	Biosciences	1. Physiology 2. Biochemistry 3. Molecular biology of microbes with applications in bioremediation and the production of H2 and high- value bio-based products	https://research-hub.nrel.gov/en/persons/pin-ching-maness	陳品菁 教授 Dr.Pin-Ching Maness	Tel: (303) 384-6114 Email: pinching.maness@nrel.gov
90	美國	德州大學-奧斯汀分 校 The University of Texas Austin	1.Department of Electrical and Computer Engineering	1. Bio-sensor for cancer detection and Environmental sensors 2. Energy harvest through energy collection, or 3.Electronics and Telecommunication Technology	http://muri.engr.utexas.edu/; http://www.mrc.utexas.edu/index.php/peoplemain/106	1. Prof. Ray Chen (陳瑞曾), Keys and Joan Curry/Cullen Trust Endowed Chair Professor	1. Tel: +1 512 471-7035 Fax: +1 512 471-8575 Email: chen@ece.utexas.edu
			2.NanoBiosensors and Molecular Tracking Laboratory at Department of Biomedical Engineering (生醫工 程學系奈米生物感應器&分子追蹤 實驗室)	1. Measuring hybridization kinetics of single DNA molecules in live cells; 2. Deep Learning-assisted design of fluorescence nanobiosensors; 3. Deep and high-resolution 3D tracking of single particles using nonlinear and multiplexed illumination (TSUNAMI)	http://research.engr.utexas.edu/yeh/about	2. Associate Prof. Tim Yeh (葉信 志)	2. Tel: 512-471-7931 Fax: 512-471-0616 Email: tim.yeh@austin.utexas.edu
91	美國	德州大學-西南醫學 中心 The University of Texas Southwestern Medical Center	1.Department of Urology	1. 生醫科學與工程Biomedical Science and Engineering	http://www.utsouthwestern.edu/fis/faculty/13361/jer-tsong-hsieh.html	1. Jer-Tsong Hsieh(謝哲宗)	1. Tel: +1 214 648-3988 Email: JT.Hsieh@UTSouthwestern.edu
			2.Department of Bioengineering	2. Stem cells, tissue engineering, nanotechnology, biocompatibility, biomaterials, inflammation, infection and fibrosis	http://www.utsouthwestern.edu/education/graduate-school/programs/phd-degrees/biomedical-engineering/index.html	2. 唐力平 教授 Dr. Liping Tang (UTA 暨 西南醫學中心教授)	2. Tel: 8172726075 Email: ltang@uta.edu

115年國家科學及技術委員會補助任務導向型團隊赴國外研習(龍門計畫)

外國研習機構一覽表

項次	國別	研習機構	研習單位	研習領域	研習單位介紹	國外研習機構 指導或聯絡人姓名/職稱	聯絡資訊
			3. Laboratory of Associate Professor Lily Huang	分子及細胞生物，生醫科學及工程	www.utsouthwestern.edu	3.Associate Professor Lily Huang	E-mail: Lily.Huang@utsouthwestern.edu Tel: 214-648-3953
92	美國	德克薩斯農工大學 Texas A&M University	1.Thin Film Nano & Microelectronics Research Laboratory at Department of Chemical Engineering(德州農工大學 化工系 奈米薄膜微電子研究室)	奈米薄膜與微電子研究	1. https://yuekuo.tamu.edu/	1. Dow Prof. Yue Kuo (郭育)	1. Tel: 979-845-9807 Email: yuekuo@tamu.edu
			2.Chu Laboratory at Department of Civil and Environmental Engineering (土木與環境工程學系 朱宮慧實驗室)	1. Emerging contaminants: PFAS, EDCs, PPCPs, TCP, etc.; 2. Bioenergy and bioproduct: TAGs, PHB, Phage-based technology, cellulase; 3. Molecular tools: real-time-t-RFLP, Q-FAST, Stable isotope probing (SIP), bacterial genome, metagenomic, etc. 4. Photocatalysis, Cell encapsulation, Extreme weather, Bioretention	2. https://chulab.engr.tamu.edu/	2. Prof. Kung-Hui Chu (朱宮慧)	2. Tel: 979-845-1403 Email: kchu@civil.tamu.edu
93	美國	德州大學-醫學分校 University of Texas Medical Branch	Galveston National Laboratory	1. Global Health, the epidemiology of infectious diseases, and their interface with biodefense and biosecurity. 2. RNA病毒相關研究	https://www.utmb.edu/gnl/	1.Prof. James LeDuc 2.Prof. Chien-Te Tseng (曾建德)	1. Tel: 409-266-6929 2. Tel: 409-747-0762 Email: sktseng@utmb.edu
94	美國	北卡羅蘭納大學教堂山分校 University of North Carolina Chapel Hill	Center for Animal MRI Biomedical Research Imaging Center Department of Neurology	生醫科學及工程	http://camri.org/ http://www.med.unc.edu/bric http://www.med.unc.edu/neurology	施彥宇(Yen-Yu lan Shih)研究員	Tel: 919-843-4729 Email: shihy@unc.edu
95	美國	喬治亞醫學院 Medical College of Georgia, Augusta University	Department of Neuroscience and Regenerative Medicine	Developmental neurobiology and neuroscience; stem cell biology; glycobiology. (研習人員:博後或博士候選人)	https://www.augusta.edu/mcg/dnrm/faculty/yulabweb.php	于寬仁院士 Robert K. Yu	Tel: 706-721-0699 Email: RYU@gru.edu
96	美國	萊斯大學 Rice University	1. Braam Lab	Biochemistry and Cell Biology	1. http://biosciences.rice.edu	1. Prof. Janet Braam	1. Email: braam@rice.edu Tel: 713-348-4277
			2. The Kono Lab at Department of Electrical and Computer Engineering (電機系 河野實驗室)	Light-Matter Interaction: Fundamental Physics and Device Applications	2. http://kono.rice.edu/home/	2. Prof. Junichiro Kono (河野純一郎)	2. Tel: 713-348-2209 Fax: 713-348-3091 Email: kono@rice.edu
			3. Joseph R. Cavallaro at Department of Electrical and ComputerEngineering	1. Code Division Multiple Access (CDMA) Wireless Communication Systems 2. Wireless LAN and MIMO FPGA Testbed 3. VLSI Signal Processing Research	3. http://cavallaro.rice.edu/	3. Prof. Joseph R. Cavallaro	3. Tel: 713-348-4020 Fax: 713-348-6196 Email: ece@rice.edu

115年國家科學及技術委員會補助任務導向型團隊赴國外研習(龍門計畫)

外國研習機構一覽表

項次	國別	研習機構	研習單位	研習領域	研習單位介紹	國外研習機構 指導或聯絡人姓名/職稱	聯絡資訊
			4. 物理暨天文系	Single-Molecule and Single-Cell Manipulation Experiments	https://physics.rice.edu/physics-overview	Prof. Ching-Hwa Kiang (江慶華教授)	TEL: (713)348-4130 chkiang@rice.edu
97	美國	加州理工學院 California Institute of Technology	4. 物理暨天文系	1. "Beyond Si-CMOS" nano-electronic research 2. Biophysics & Nano-biotechnology 3. Energy Research (須以計畫構想書與對方洽定後始可提出)	1. https://yehgroup.caltech.edu/ http://kni.caltech.edu	1. Prof. Nai-Cjang Yeh (葉乃裳)	Tel: (626)395-4313 Email: ncyeh@caltech.edu
					2. http://mems.caltech.edu , http://www/its/caltech.edu/~nano/ , http://kni.caltech.edu	2. Prof. Yu-Chong Tai (戴聿昌)	Tel: (626) 395-8317 Email: yctai@caltech.edu, Assistant Professor Michael Roukes Tel: (626)395-2916 roukes@caltech.edu
					3. http://resnick.caltech.edu , http://www/lmi.caltech.edu/ , http://solarfuelshub.org , http://daedalus.caltech.edu	3. Prof. Harry Atwater	Email: haa@caltech.edu
			4. Kornfield Lab	4. Polymer Physics, Polymer Chemistry and Eye Disease Treatments	4. https://kornfield.caltech.edu/	4. Prof. Julia A. Kornfield	Email: jak@cheme.caltech.edu
98	美國	南加州大學 University of Southern California	1. USC-Taiwan center for Translational Research	1. Development of novel therapeutics for targeted drug development	https://research.usc.edu/news/2021/10/center-for-usc-taiwan-translational-research/ https://mann.usc.edu/faculty/jean-c-shih-phd/	1. Jean Chen Shih Ph.D.(陳景虹院士), Bogdan Olenuk Ph.D., Kevin Chen Ph.D., Clay CC Wang Ph.D.(王嘉駿), Mitchell E Gross M.D. Ph.D., Leland Cheung Ph.D., Florence Hofman Ph.D., Thomas Chen M.D. Ph.D.	Jean Chen Shih ph.D Tel: 323 442 1441 Fax: 323 224 7473 Email: jcshih@usc.edu 王嘉駿 Email: clayw@usc.edu Mitchell E Gross: mitchell.gross@usc.edu Florence Hofman Ph.D., Tel: (323) 442-1153 Thomas Chen M.D. Ph.D.
			2. Laboratory of Tissue Development and Regeneration	2. 生醫科學與工程Biomedical Science and Engineering	https://sites.usc.edu/cmchuong/	2. 鍾正明 (Cheng-Ming Chuong)	Email: cmchuong@usc.edu
			3. Department of Molecular Microbiology and Immunology	3. (1) Host and Virus Standoff (2) Virus-Induced Cancer (3)Programmed cell death (PCD) (4)AcuteLymphoblastic Leukemia (ALL) and Prostate Cancer	https://today.usc.edu/profile/jae-jung/	3. Chair, Dr. Jae U Jung	Tel: 323 442-1713 Email: jaejung@usc.edu
99	美國	Banner Alzheimer's Institute. Banner Research	Banner Alzheimer's Institute, Banner Research	Alzheimer medical imaging and bio-informatics via big data/cloud computing and other medical research problems 老年癡呆症醫學影像學和生物資訊學雲端大資料計算和其他醫學研究的問題	http://banneralz.org/ https://search.asu.edu/profile/253922	Dr. Eric M. Reiman, CEO Executive Director of Banner Alzheimer's Institute, Dr. Kewei Chen(陳克偉), Senior Scientist	Email: Kewei.Chen@bannerhealth.com Tel: (602) 839-6900
100	美國	希望之城癌症研究中心 City of Hope	Beckman Research Institute/Cancer Biology	Research Areas: Chemoprevention Research Program, Breast Cancer Translational Research.	http://www.cityofhope.org/people/chen-shiuan	Shiuan Chen, PhD (陳瑄)	Tel: +1 626 301-8972 Email: schen@coh.org
101	美國	University Corporation for Atmospheric		大氣科學各領域(包括氣候模擬)	https://scied.ucar.edu/students/careers/profiles/ying-hwa-bill-kuo	Ying-Hwa (Bill) Kuo (郭英華)	kuo@ucar.edu Phone: 303-497-8910

項次	國別	研習機構	研習單位	研習領域	研習單位介紹	國外研習機構 指導或聯絡人姓名/職稱	聯絡資訊
102	美國	加州大學-洛杉磯分校 University of California-Los Angeles (UCLA)	1. Device Research Laboratory 2. Material Science & Engineering 3. Optoelectronic Biofluidics Laboratory; 4. Electrical Engineering Department 5. Molecular & Medical Pharmacology 6. Bioengineering 7. Mechanical & Aerospace Engineering 8. Chemistry 9. Electrical Engineering Department 10. Computer Science	1. Nanoelectronics and nanospintronics beyond CMOS; 2. 材料科技; 3. Biophotonics, nanophotonics, and lab-on-a-chip systems; 4. Nonlinear Optics, Ultrafast Optics, Semiconductor Lasers, Photonic Devices, Nonlinear Laser Dynamics, Chaotic Communications, Optical Imaging, High speed electronics ; 5. Department of Molecular and Medical Pharmacology; 6. http://www.bioeng.ucla.edu/ (同右欄) 7. http://www.mae.ucla.edu/ 8. http://www.chemistry.ucla.edu/ 9. http://www.ee.ucla.edu/ 10. https://samueli.ucla.edu/people/kai-wei-chang/	1. http://www.ee.ucla.edu/research 2. http://www.mse.ucla.edu/ 3. http://www.ee.ucla.edu/people/faculty/faculty-directory/jia-ming-liu 4. http://www.pharmacology.ucla.edu/ 5. http://www.bioeng.ucla.edu/ 6. http://www.mae.ucla.edu/people/faculty/tsu-chin-tsao 7. https://www.chemistry.ucla.edu/news-tags/yung-ya-lin/ 8. http://www.ee.ucla.edu/jason-woo/ 9. https://samueli.ucla.edu/people/kai-wei-chang/ 10. https://www.uclahealth.org/providers/linda-liau	1. Prof. Kang L Wang(王康隆); 2. Prof. King-Ning Tu(杜經寧); Prof. Yang Yang(楊陽); Prof. Jenn.-Ming. Yang(楊鎮銘), etc.; 3. Prof. Eric Pei-Yu Chiou (邱培鈺); 4. Prof. Jia-Ming Liu (劉佳明); 5. Prof. Hsian-Rang Tseng (曾憲榮); 6. Prof. Wentai Liu (劉文泰); 7. Tsu-Chin Tsao (曹子晴) 8. Yuan-Ya Lin (林永雅) 9. Jason Woo (吳積信); 10. Kai Wei Chang (張凱歲) 11. Linda Liau (廖敏妃)	1. Tel: 310-825-1609, Fax: 310-206-7154 Email: wang@ee.ucla.edu (NanoSystems Institute); 2. Tel: (310) 206-4838, Email: kntu@ucla.edu www.fena.org; www.win-nano.org; www.drl.ee.ucla.edu; 3. Tel: +1 310-825-8620 Email: pychiou@seas.ucla.edu; 4. Tel: +1 310 206-2097 Email: liu@ee.ucla.edu; 5. Tel: +1 310-206-8975 Email: hstseng@mednet.ucla.edu 6. Tel: +1 310-825-9129 Email: wentai@ucla.edu ; 7. Tel: +1 310-206-2819 Email: tsao@ucla.edu; 8. Tel: +1 310-206-2856 Email: yulin@chem.ucla.edu 9. Tel: +1 310-206-3279 Email: woo@ee.ucla.edu 10. Tel: +1 310-206-4395 Email: kwchang@cs.ucla.edu 11. Tel: +1 310-825-5111 Email: LLiau@mednet.ucla.edu
103	美國	加州大學-聖地牙哥分校 University of California-San Diego (含The Scripps Research Institute)	1. School of Engineering	Bioengineering; Electrical and Computer Engineering; Mechanical and Aerospace Engineering; Mobile Systems Design Lab	1a. Prof. Lanping Amy Sung, https://jacobsschool.ucsd.edu/people/profile/lanping-amy-sung 1b. Prof. Rober Sah: https://jacobsschool.ucsd.edu/people/profile/robert-sah 1c. Prof. Gert Cauwenberghs: https://jacobsschool.ucsd.edu/node/3271 1d. Prof. Yuhwa Lo: https://jacobsschool.ucsd.edu/people/profile/yu-hwa-lo 1g. http://jacobsschool.ucsd.edu/faculty/faculty_bios/index.sfe?fmp_recid=11 ; 1h. Prof. Clark C Chen 陳經宗: https://brownneurosurgery.com/our-team/clark-chen-md-phd/ 1i. http://jacobsschool.ucsd.edu/faculty/faculty_bios/index.sfe?fmp_recid=363 1j. http://jacobsschool.ucsd.edu/faculty/faculty_bios/index.sfe?fmp_recid=314	1a. Prof. Lanping Amy Sung; 1b. Prof. Robert Sah; 1c. Prof. Gert Cauwenberghs; 1d. Prof. Yuhwa Lo(羅彥華); 1e. Prof. Juan Lasheras; 1f. Prof. Sujit Dey; 1g. Prof. Shu Chien(錢煦); 1h. Prof. Clark C Chen(陳經宗); 1i. Prof. Jiun-Shyan Chen(陳俊賢); 1j. Prof. Charles W. Tu(杜武清)	1a. Tel: +1 858-534-5722 Email: lasung@ucsd.edu 1b. Tel: +1 858-534-0821 Email: rsah@ucsd.edu 1c. Tel: +1 858-534-6938 Email: gcauwenberghs@ucsd.edu 1d. Tel: +1 858-822-3429 Email: ylo@ucsd.edu 1e. Tel: +1 858-534-5437 Email: jlasheras@ucsd.edu 1f. Tel: +1 858-534-0750 Email: sdey@ucsd.edu 1g. Tel: +1 858-534-5195 Email: shuchien@ucsd.edu 1h. Tel: +1 858-246-0674 Email: clarkchen@ucsd.edu 1i. Tel: +1 858-534-7034 Email: jsc137@ucsd.edu 1j. Tel: +1 858-822-0220 Email: ctu@ucsd.edu
			2. Swartz Center for Computational Neuroscience, etc.	http://scn.ucsd.edu/~jung/Site/Home.html	2. http://scn.ucsd.edu/index.html	2. Prof. Tzyy-Ping Jung(鍾子平)	Tel: +1 858 366-8914 Email: tpjung@ucsd.edu

項次	國別	研習機構	研習單位	研習領域	研習單位介紹	國外研習機構 指導或聯絡人姓名/職稱	聯絡資訊
			3. Department of Medicine/Division of Cardiology	http://www.iem.ucsd.edu	3. http://www.iem.ucsd.edu/people/john-shyy	3. John Y-J. Shyy, Ph.D.(史允中)	Tel: +1 858 534-3736 Fax: 858-822-3027 Email: jshyy@ucsd.edu
			4. 呂理帆實驗室 Lu Lab, Section of Molecular Biology	Immune regulation; autoimmunity; infection diseases; tumor immunology	https://sites.google.com/site/lifanluslab/	Prof. Li-Fan Lu(呂理帆)	858-534-9682 lifanlu@ucsd.edu
104	美國	加州大學-柏克萊分校 University of California-Berkeley	the Center for Energy Efficient Electronics Science (E3S)	Nanoelectronics, Nanomechanics, Nanophotonics, and Nanomagnetism	http://www.e3s-center.org/	1. M. Josephine Yuen, Ph.D., Executive Director of Center for Energy Efficient Electronics Science 2. Prof. Ming C. Wu (吳明強教授), http://www.eecs.berkeley.edu/Faculty/Homepages/wu.html	2.Tel: +1 510 643-0808 wu@eecs.berkeley.edu
105	美國	加州大學-舊金山分校 University of California-San Francisco	1. Department of Bioengineering and Therapeutic Sciences 2. Biochemistry and Cardiovascular Research Institute 3. School of Medicine, Department of Neurology	1. pharmacogenomics of membrane transporters and in pharmacogenomics of metformin. 2. 分子與細胞生物學(Molecular and Cell Biology) 3. Circadian Rhythm, Sleep Homeostasis, Sleep Disorders, Natural short sleeper, Multiple Sclerosis, Leukodystrophy	1. http://bts.ucsf.edu http://bts.ucsf.edu/people/faculty/profiles/?counter=12 2. http://www.cvri.ucsf.edu/~chuang/index.html 3. https://neurology.ucsf.edu/	1. Kathleen M. Giacomini, Ph.D. Professor & Co-Chair 2. Pr. Pao-Tien Chuang (莊寶田) 3. Prof. Ying-Hui Fu (傅晏惠教授)	1. Tel: +1 415 476-1936 Email: kathy.giacomini@ucsf.edu 2. Tel: +1 415 514-0667 Pao-Tien.Chuang@ucsf.edu 3. Tel: +1 415 502-2948, Ying-Hui.Fu@ucsf.edu
106	美國	加州大學-爾灣分校 University of California- Irvine	Lander Lab	Developmental Biology, Cell Biology, Mathematical/Computational Biology, Glycobiology, Neurobiology, Cancer Biology and Engineering	http://lander-office.bio.uci.edu/	Arthur D. Lander, M.D., Ph.D.	adlander@uci.edu
107	美國	加州大學-戴維斯分校 University of California- Davis	Laboratory of Prof. Satoshi Namekawa	分子及細胞生物，生醫科學及工程	https://namekawalab.ucdavis.edu/	Prof. Satoshi Namekawa	E-mail : snamekawa@ucdavis.edu Tel: 530-754-1876
108	美國	勞倫斯伯克利國家實驗室 Lawrence Berkeley National Laboratory	Advanced Light Source	Synchrotron Radiation-related Sciences	http://www.lbl.gov/	Dr. Haimei Zheng(鄭海梅)	Tel: +1 510 486-6943, +1 510 486-6276 hmzheng@lbl.gov
			1. Structures and Composites Laboratory	1. a. Structural Health Monitoring; b. Design of Integrated Structures; c. Smart Structures; d. Design & Damage Tolerance of Composites Structures; e. Multi-Functional Materials	1. http://structure.stanford.edu/	張福國教授 Fu-Kuo Chang	Tel: +1 650 723-3466 Email: fkchang@stanford.edu

項次	國別	研習機構	研習單位	研習領域	研習單位介紹	國外研習機構 指導或聯絡人姓名/職稱	聯絡資訊
109	美國	史丹佛大學 Stanford University	2. SLAC National Accelerator Laboratory	2. a. Accelerator physics; b. Astrophysics and Cosmology; c. Elementary Parti	2. https://www6.slac.stanford.edu/	趙午院士 Alexander Chao	Tel: +1 650 926-2985 Email: achao@slac.stanford.edu
			3. Computational Biology Laboratory	3. a. Computational Biology; b. Machine Learning; c. Big Data	3. www.stanford.edu/group/wonglab/	王永雄院士 Wing Hung Wong	Tel: +1 650 725-2915 Email: whwong@stanford.edu
			4. Stanford Center on Poverty & Inequality	4. To develop an improved infrastructure for measuring and explaining trends in poverty, inequality, and other distributive outcomes. Research addressing such issues of measurement in the fields of (a) poverty, (b) income inequality, (c) social mobility, (d) educational access, (e) the safety net, (f) the recent recession, (g) racial inequality, (h) residential segregation and poverty (i) poverty and discrimination	http://www.stanford.edu/group/scspi/	David B. Grusky Professor, Dept. of Sociology Director, Stanford Center on Poverty & Inequality	Website: www.grusky.org Email: grusky@stanford.edu Tel: +1 650 724-6912
			5. Center for Integrated Systems	5. Resistive Switching Memory Device and Application	5. http://cis.stanford.edu/	黃漢森教授(H.S.Philip Wong)	Paul G. Allen Building 420 Via Palou Mall MS 4070 Stanford, CA 94305-4070 (650)-725-3626 hspwong@stanford.edu
			6. SLAC Bioscience Division and Depts of Bioengineering, Microbiology and Immunology Stanford Bio-X affiliated Faculty	1. Bioinformatics 2. Nano Medicine and Drug Design 3. Cryo-Electron Microscopy and Tomography 4. Biophysics and Computational Biology	https://profiles.stanford.edu/wah-chiu	趙華 院士 Prof. Wah Chiu	318 Campus Dr. S271 Stanford, California 94305 wahc@stanford.edu
			國際先進網路研究中心 International Center for Advanced Internet Research, iCAIR	資訊科技及智慧運算 Information Technology and Intelligent Computing and Networking Software Defined Infrastructure	http://www.icair.org/	Dr. Joe Mambretti, Director of the International Center for Advanced Internet Research, Director StarLight International/National Communications Exchange Facility	+847-491-4357 j-mambretti@northwestern.edu .

項次	國別	研習機構	研習單位	研習領域	研習單位介紹	國外研習機構 指導或聯絡人姓名/職稱	聯絡資訊
110	美國	西北大學 Northwestern University	工程學院(McCormick School of Engineering, Northwestern University)	材料科技、資訊科技及智慧運算、 理論及先進量子相關科學、分子及 細胞生物，生醫科學及工程 1. Nanomaterials 2. Semiconductor Nanosystems 3. Neural Control 4. Artificial Photosynthesis、 Molecular Electronics、Quantum Information Science 5. Design Automation of Intelligent Systems 6. Computing Systems、Nano-scale Devices/Materials	https://www.mccormick.northwestern.edu/ 1. https://www.hersam-group.northwestern.edu/research/ 2. http://users.ece.northwestern.edu/~mgrayson/ 3. https://www.mccormick.northwestern.edu/research-faculty/directory/profiles/tresch-matthew.html 4. https://sites.northwestern.edu/wasielewski/group/michael-r-wasielewski/ 5. http://eecs.northwestern.edu/~qzhu/#research 6. https://www.mccormick.northwestern.edu/research-faculty/directory/profiles/khalili-pedram.html	Jennifer Gerrard Director of International Agreements and Visitors 1. Prof. Mark C. Hersam Professor of of Materials Science & Engineering 2. Prof. Matthew Grayson Professor of Electrical and Computer Engineering 3. Prof. Matthew Tresch Professor of Biomedical Engineering 4. Prof. Michael R. Wasielewski Professor of Chemistry 5. Prof. Qi Zhu Associate Professor of Electrical and Computer Engineering 6. Prof. Pedram Khalili Associate Professor of Electrical and Computer Engineering	Tel: 847-491-5242 E-mail : jennifer.gerrard@northwestern.edu 1. Tel: 847-491-2696 Email: m-hersam@northwestern.edu 2. Tel: 847-491-8137 Email: mgrayson@eecs.northwestern.edu 3. Email: m-tresch@northwestern.edu 4. Tel: 847-467-1423 Email: m-wasielewski@northwestern.edu 5. Tel: 847-491-4898 Email: qzhu@northwestern.edu 6. Tel: 847-467-1035 Email: pedram@northwestern.edu
111	美國	美國農業部USDA	農業研究署Agricultural Research Service (ARS)	分子及細胞生物 (Molecular and Cellular Biology) 生物多樣性與生態 (Biodiversity and Ecology)	https://www.ars.usda.gov/	Dr. Simon Y. Liu (劉耀經副署 長)	(202)720-3658 Simon.liu@ars.usda.gov
112	美國	Discovery Partners Institute (DPI)	Discovery Partners Institute (DPI)	DPI的研究領域: 1. Computing & Data 2. Environment & Water 3. Food & Agriculture 4. Health & Wellness	https://dpi.uillinois.edu/about 1. https://cs.illinois.edu/about/people/faculty/namato 2. https://publichealth.uic.edu/profiles/samuel-dorevitch/ 3. https://ace.illinois.edu/directory/alexwn 4. https://chicago.medicine.uic.edu/directory/name/mark-rosenblatt/	1. Prof. Nancy Amato Head of Dept. of Computer Science, UIUC & DPI Sector Lead 2. Prof. Samuel Dorevitch Professor of Environmental and Occupational Health Sciences 3. Alex Winter-Nelson Professor of Agricultural & Consumer Economics, UIUC & DPI Sector Lead 4. Mark I. Rosenblatt Executive Dean, University of Illinois College of Medicine	1. Tel: (217) 333-3426 Email: namato@illinois.edu 2. Tel: (312) 355-3629 Email: sdorevit@uic.edu 3. Tel: (217) 244-1381 Email: alexwn@illinois.edu 4. Email: mrosenbl@uic.edu
113	美國	南方衛理公會大學 Southern Methodist University	J.-C. Chiao's Research Group at Department of Electrical and Computer Engineering, Southern Methodist University (電子電腦工 程學系 喬榮治研究室)	Micro and Flexible Sensors Biomedical Devices	https://www.smu.edu/Lyle/Departments/ECE/People/Faculty/ChiaoJC	Prof. J.-C. Chiao(喬榮治)	Tel: (214) 768-7340 Email: jchiao@smu.edu

115年國家科學及技術委員會補助任務導向型團隊赴國外研習(龍門計畫)

外國研習機構一覽表

項次	國別	研習機構	研習單位	研習領域	研習單位介紹	國外研習機構 指導或聯絡人姓名/職稱	聯絡資訊
114	美國	華盛頓大學聖路易分校 Washington University in St. Louis	電機與系統工程學系 應用數學實驗室 Applied Mathematics Lab at Department of Electrical & Systems Engineering	資訊科技及智慧運算 Information Technology and Intelligent Computing	https://www.es.e.wustl.edu/~jsli/AMLab/Home.html	Professor Jr-Shin Li(李智新)	Tel: (314) 935-7340 Email: jsli@wustl.edu
			Laboratory of Professor Eric J. Huang, School of Medicine	分子及細胞生物, 生醫科學及工程	https://medicine.washu.edu/	Professor Eric J. Huang (黃金生)	E-mail : erichuang@wustl.edu
115	美國	威斯康辛大學麥迪遜分校 University of Wisconsin-Madison	工程學院, 土木與環境工程系 Department of Civil and Environmental Engineering	材料科技 Materials Science & Technology 電子通訊科技 Electronics and Communications Technology	https://directory.engr.wisc.edu/gep/Faculty/Sone_Hiroki/	Associate Professor Hiroki Sone(曾根裕樹)	Tel: +1-(608) 890-0531 Email: hsone@wisc.edu
116	美國	紐澤西理工學院 New Jersey Institute of Technology	電腦科學系 The Department of Computer Science in the Ying Wu College	資訊科技及智慧運算 Information Technology and Intelligent Computing	https://cs.njit.edu/	施永強(Frank Y. Shih), PhD	Tel:+1 (973) 596-5654 Email: shih@njit.edu
117	美國	賓夕法尼亞大學 University of Pennsylvania	佩雷爾曼醫學院 Perelman school of Medicine	分子及細胞生物, 生醫科學及工程 (Molecular and Cellular Biology, Biomedical Science and Engineering)	https://www.med.upenn.edu/psom/	Prof. 王立三(Li-San Wang)	Tel: +1 (215)746-7015 Email: lswang@upenn.edu
118	美國	喬治亞理工學院 Georgia Institute of Technology	航太工程系 School of Aerospace Engineering	地球科技 Earth Science & Technology	https://ae.gatech.edu/people/mark-francis-costello	Prof. Glenn Lightsey	Tel: +1-404-38-4146 Email: glenn.lightsey@gatech.edu
			智慧城市建置實驗室 Smart City Infrastructure Lab	材料科技、能源科技、電子通訊科技	https://prod.ce.gatech.edu/	Prof. Yichang (James) Tsai (蔡宜長)	Tel: +1-404-385-6428 Email: james.tsai@ce.gatech.edu
119	美國	杜克大學 Duke University	醫學院 School of Medicine	生醫科學及工程 Biomedical Science and Engineering 分子及細胞生物 Molecular and Cellular Biology	https://pathology.duke.edu/profile/hui-kuan-lin	Professor and Director of Prostate Cancer Research, Hui-Kuan Lin(林慧觀院士)	Tel: +1-919-684-3871 Email: hui-kuan.Lin@duke.edu
120	美國	匹茲堡大學 University of Pittsburgh	醫學院 School of Medicine UPMC Hillman Cancer Center	生醫科學及工程 Biomedical Science and Engineering 分子及細胞生物 Molecular and Cellular Biology	https://www.pitt.edu/	Assistant Professor of Medicine Yu-Chiao Chiu(邱鈺喬)	Tel: +1-412-648-5023 Email: yuc250@pitt.edu
121	美國	維吉尼亞理工學院 Virginia Tech	1.AI數據中心 Sanghani Center for AI and Data Analytics 2.能源中心 Tech-Power and Energy Center	1. 資訊科技及智慧運算 2. 能源科技	1. https://sanghani.cs.vt.edu/ 2. vt.edu	1. Prof. Chang-Tien Lu(呂昌田) 2. Prof. Chen-Ching Liu(劉鎮欽)	1. E-mail : _ctl@vt.edu 2. E-mail : ccliu@vt.edu_
122	美國	中佛羅里達大學 University of Central Florida	Shin-Tson Wu Lab	資訊科技及智慧運算	https://creol.ucf.edu/	Trustee Chair Professor Shin-Tson Wu	Tel: 407-823-4763 E-mail:swu@creol.ucf.edu

項次	國別	研習機構	研習單位	研習領域	研習單位介紹	國外研習機構 指導或聯絡人姓名/職稱	聯絡資訊
123	美國	亞利桑那州立大學 Arizona State University	1.Julian(Jiunn-Liang) CHEN Lab 2.Ying-Chen (Daphne) Chen Lab 3.Jui-Heng (Henry) Tseng Lab	1.分子及細胞生物，生醫科學及工程(Molecular and Cellular Biology， Biomedical Science and Engineering) 2.高齡社會與健康照護Ageing Society and Health Care 3.材料科技Materials Science & Technology	https://www.asu.edu/	1.Professor Julian(Jiunn-Liang) CHEN 2.Assistant Professor Ying-Chen (Daphne) Chen 3.Assistant Professor Jui-Heng (Henry) Tseng	1. Tel: (480) 965-3650/Email: JLChen@asu.edu 2.Email: Ying-Chen.Chen.1@asu.edu 3.Email: Henry.Tseng@asu.edu

1. 綠色字出者，表示為115年度新增

2. 紅色字者，表示有更新或修正