

出國報告（出國類別：國際會議）

出席「2017 Australia's Medtech
Conference & International Conference
on Mechanics in Medicine and Biology」
研討會及拜會墨爾本與坎培拉相關科
研機構

服務機關：科技部

姓名職稱：蘇芳慶政務次長

派赴國家：澳大利亞

出國期間：106年5月22日至5月27日

報告日期：106年6月18日

摘 要

^職蘇芳慶於 5 月 22 日出發赴澳洲， 23 日抵達墨爾本，23 日至 25 日參加「2017 AusMedtech & ICMMB 研討會」，並擔任分項會議之 Keynote Speaker，並於會議期間拜會位於墨爾本之澳洲技術科學及工程學院 ATSE、維多利亞州政府 Victoria Government 及蒙納許大學 Monash University，26 日則前往坎培拉拜會國家衛生暨醫學研究委員會 NHMRC、澳洲科學院 AAS、澳洲研究委員會 ARC 與聯邦產業、創新及科學部 DIIS 後，返回墨爾本，於 27 日上午搭機返國。

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壹、目的

為強化台澳科技交流合作，出席「2017 Australia's Medtech Conference & International Conference on Mechanics in Medicine and Biology」研討會，並擔任分項會議之 Keynote Speaker，除於會議期間拜會位於墨爾本之技術科學及工程學院 ATSE、維多利亞州政府 Victoria Government 及蒙納許大學 Monash University，並於 26 日前往坎培拉拜會國家衛生暨醫學研究委員會 NHMRC、澳大利亞科學院 AAS、澳大利亞研究委員會 ARC 與聯邦產業、創新及科學 DIIS 部，就台澳科技未來之交流合作相關議題交換意見。

貳、行程概要

日期	時間	活動	備註
5/22 (一)	15:10	搭乘國泰航空(CX5437)由高雄飛香港	
	19:10	搭乘國泰航空(CX135)由香港飛墨爾本	
5/23 (二)	06:20	抵達墨爾本國際機場	
	08:15-09:15	科技組報告本次參訪行程相關細節	
	10:00-15:00	參加大會安排參訪行程	
	15:30-17:00	ATSE 圓桌會議 澳方與會人員： 1. Dr Margaret Hartley , CEO, ATSE 2. Professor Mike Manton FTSE , Senior International Advisor, ATSE 3. Professor Mike Miller FTSE , Co-Chair, ATSE Digital Futures Working Group 4. Dr Matt Wenham , Executive Manager Policy & Projects, ATSE 5. Dr Carolyn O'Brien , Senior International Relations and Policy Officer, ATSE	地址：Level 1 / 1 Bowen Crescent, Melbourne Vic 3004 我方陪同人員： 1. 駐澳科技組彭雙俊科技參事 2. 駐澳科技組王凱石秘書 3. 墨爾本辦事處郭裕強秘書 4. 經濟部生醫小組林季玫組長 5. 經濟部生醫小組鍾佳容經理
	18:30-	辦事處歡迎晚宴	

	20:30		
5/24 (三)	07:30-08:30	與維州政府小型企業、創新及貿易部早餐會 Frank McGuire MP Parliamentary Secretary for Medical Technology Parliamentary Secretary for Small Business and Innovation	地址：Parliament of Victoria (Spring St, East Melbourne VIC 3002) 我方陪同人員 1.墨爾本辦事處蘇晉弘組長 2.科技組彭雙俊科技參事 3.科技組王凱石秘書
	09:30-12:00	參加大會開幕式及專題演講	
	13:15	前往蒙納許大學克萊頓園區參訪	地址：New Horizons Building, 20 Research Way
	14:15-14:45	Meeting with: 1. Professor George Simon , Deputy Dean, Faculty of Engineering 2. Professor Huanting Wang , Deputy Dean(International), Faculty of Engineering	我方陪同人員： 1.科技組彭雙俊科技參事 2.科技組王凱石秘書 3.國研院儀科中心游智勝組長 4.經濟部生醫小組林季玫組長 5.經濟部生醫小組鍾佳容經理
	14:45-15:15	Tour of Research Facility in Faculty of Engineering and Information Technology led by Professor Huanting Wang	
	15:30-16:45	School of Biomedical Sciences Professor James Whisstock – tour of laboratory	地址：23 Innovation Walk
	18:30-21:00	參加大會歡迎晚宴	
5/25 (四)	07:45-08:45	參加研討會 Australian National Fabrication Facility business breakfast	
	09:00-13:00	參加研討會 Plenary 並進行 Keynote speech	
	13:30-17:30	科技組安排墨爾本市區文化參訪	
5/26 (五)	07:00	搭乘澳洲航空(QF804)前往坎培拉	
	08:05	抵達坎培拉機場	
	08:30-09:10	與駐澳代表處常大使以立會談	駐澳代表處
	09:30-10:30	拜會 NHMRC	聯絡人：Dr. Julie Glover 0432 260 912

		拜會對象 Mr. Tony Kingdon , General Manager Dr. Julie Glover , Executive Director, Research Programs Branch	我方陪同人員： 1.科技組彭雙俊科技參事 2.科技組王凱石秘書
	10:45-11:45	拜會 AAS 拜會對象 Professor Jim S Williams , Vice President(Secretary Physical Sciences) Professor Chennupati Jagadish , Former Vice President	聯絡人：Ms. Nancy Pritchard 02 6201 9411 我方陪同人員： 1.科技組彭雙俊科技參事 2.科技組王凱石秘書
	13:30-14:30	拜會 ARC 拜會對象 Ms. Kylie Emery , Acting Executive General Manager 澳方陪同人員 Mr. Justin Withers Director, Policy and Integrity	聯絡人：Pauline Runting 02 6287 6775 我方陪同人員： 1.科技組彭雙俊科技參事 2.科技組王凱石秘書
	15:00-16:00	拜會 DIIS Dr. Jane Urquhart , Head of Science and Commercialisation Policy 澳方陪同人員 Dr. Gino Grassia , General Manager, Science Policy Branch Mr. Kris Browne , Manager, International Science Collaboration	聯絡人：Samuel Hwang 02 62137155 我方陪同人員： 1.科技組彭雙俊科技參事 2.科技組王凱石秘書
	16:10-19:20	科技組安排坎培拉市區參訪及赴常大使官邸晚宴	
	20:30	搭乘澳洲航空(QF483)返回墨爾本	
	21:40	抵達墨爾本機場	
5/27 (六)	07:45	搭乘國泰航空(CX134)由墨爾本飛香港	
	16:55	搭乘國泰航空(CX5454)由香港飛高雄	
	18:25	抵達高雄	

2017/5/22 (一)

於高雄出發搭乘國泰航空(CX5437)前往香港，並於同日搭乘國泰航空(CX135)由香港飛墨爾本。

2017/5/23 (二)

上午抵達墨爾本國際機場，由駐澳科技組彭雙俊科技參事、王凱石秘書會同墨爾本辦事處蘇晉弘組長、郭裕強秘書及王懷德秘書接機，抵達預訂之旅館後，駐澳科技組彭科技參事及王秘書就本次訪澳行程細節進行報告。

上午 10 點抵達 St Vincent's Hospital Melbourne(SVHM)參加「2017 AusMedtech & ICMMB 研討會」安排之生醫研究機構參訪活動，參訪 Biofab3D@ACMD Facility、St Vincent's Institute 以及 Bionics Institute 等生醫實驗室，了解澳洲在生醫領域的研究成果。

下午 3 點前往拜會澳洲技術科學及工程學院 ATSE，與其執行長 Dr. Margaret Hartley 及相關同仁進行圓桌會議，ATSE 提到其目前負責執行澳洲國家創新科學綱領(NISA)下之全球連結基金(Global Connections Fund)，包括有 Priming Grants 及 Bridging Grants 兩項計畫，以提升澳洲學研界與產業界合作的比列，也希望台灣能有更多的學者加入。我方則提到製造是我國強項，可協助澳方將科研成果轉化為產品。雙方也提到未來可擇定相關領域作進一步的合作。

晚上參加駐墨爾本辦事處舉行的晚宴，辦事處邀請墨爾本當地台籍教授，包括蒙納許大學礦業工程系田正仁教授、拉籌伯大學 La Trobe University 計算機科學與計算機工程系陳依萍教授、墨爾本大學 University of Melbourne 公共衛生系資深講師薛亞聖等 6 名學者共同餐敘，就台澳學術交流與產學合作現況，討論雙方未來可能之合作方向。

2017/5/24 (三)

上午 7 時 30 分與維州政府醫學研究廳及小型企業暨創新廳政務副廳長 Frank McGuire MP 及維州貿易廳常務副廳長 Jay Meek 進行早餐晤談，澳方說明維州擁有墨爾本大學、蒙納許大學、CSIRO 等重要科研機構，希望未來雙方加強生技醫藥、農業及資安合作，另外該州目前在 3D 列印發展上亦有相當成果。我方則表示目前政府正大力推動 5+2 創新產業，且 ICT 產業及科學園區亦是我方科技合作的亮點。雙方共識未來將先以癌症研究作為初步合作重點領域，並已議訂 6 月 19 至 22 日在美國聖地

牙哥舉行 2017 北美生物科技產業展(BIO 2017)時，台澳雙方代表團將研商後續合作細節。

上午 9 時 30 分參加「2017 AusMedtech & ICMMB 研討會」開幕式，與會貴賓包括 Richard Bolt (Secretary to the Department of Economic Development, Jobs, Transport and Resources)、Glenn Cross (AusBiotech, CEO)及 Yosry Morsi (ICMMB Chair)。開幕典禮由 AusBiotech CEO Glenn Cross 主持歡迎所有來賓，還特別介紹本人來自台灣科技部給所有參與者、澳洲政府。貴賓致詞後則由墨爾本大學的 Prof Anthony N Burkitt 及 Prof Peter Choong 分別就「The Bionic Eye: Restoring sight with vision prostheses」及「We are such stuff as dreams are made on」進行專題演講。

墨爾本大學 Sir Hugh Devine 講座教授 Prof. Peter Chuong 介紹骨科手術科技的進展，從全人工關節的應用、材料的進展，以降低磨耗，高分子材料關節面的設計至陶瓷以至於金屬面接觸的問題。3D 列印技術在骨科的應用，尤其在複雜性的骨癌手術，3D 列印提供嶄新的技術，滿足特殊情狀的需求及材料機械特性的調適。另外，殘肢所需義肢的設計及進展，提供殘肢患者的福利。近年來以細胞為基礎的組織工程如在人工肌肉、神經修復都有非常好的進展，Muscle-electrode junction Muscle cells actuated on MEAs, translate thought to action，藉由肌肉細胞的控制以驅動機械手指的運動。軟骨組織工程亦是其中發展的科技之一，Free form printing 同時注入 cell 和 biomaterial(scaffold)以修補受傷的軟骨。

下午前往蒙納許大學參訪該校工程學院及生醫學院，由工程學院副院長 Professor George Simon(即將接任院長)及 Professor Huanting Wang 接待。蒙校工程學院為全澳洲排名第一，該校除針對蒙校工程學院發展概況及重要研發項目進行簡報外，並參觀其 3D 虛擬實境設施 CAVE2；另生醫學院則由 Professor James Whisstock 介紹重要實驗設施及研發成果。蒙校在工程及生醫領域的研究成果頗佳，未來如有機會可推動該校與我國進行產學合作。

晚上參加「2017 AusMedtech & ICMMB 研討會」大會歡迎晚宴，與多位澳方重要生醫界人士會面，包括大會主辦單位 AusBiotech 執行長 Glenn Cross、維州產業及就業廳廳長 Hon Wade Noonan MP、維州醫療科技與醫藥處處長 Andrew Wear 等，就台澳雙方在生醫科研交流合作上進行廣泛討論及交換意見。

2017/5/25 (四)

參加「2017 AusMedtech & ICMMB 研討會」第二天議程，並於 Biomechanics and Computer modeling/ simulation-Part 2 的分項會議中發表專題演說，演說主題為「Biomechanical Concepts for Rehabilitation of Knee Osteoarthritis Using A Novel Pinnacle Trainer」。

下午在科技組同仁陪同下，參訪墨爾本市區文化建築，包括聖保羅座堂(St Paul's Cathedral, Melbourne)、維州州議會、皇家展覽館及墨爾本博物館等。

2017/5/26 (五)

早上由駐墨爾本辦事處蘇組長及郭秘書協助送機，搭乘 7 時起飛之澳洲航空(QF804)前往坎培拉，感謝駐澳代表處常大使以立親自接機，隨後驅車前往駐澳代表處拜會，與常大使就台澳雙方目前及未來之合作關係進行意見交流，之後由科技組彭科技參事及王秘書陪同拜會澳方相關科研機構。

上午 9 時 30 分拜會國家衛生暨醫學研究委員會(NHMRC)，與 NHMRC 總經理 Tony Kingdon 及研究專案處處長 Dr. Julie Glover 會談，澳方提到目前政府正努力推動將基礎研究轉向為應用研究，相關重點包括癌症研究、臨床試驗、醫學轉譯研究、新藥及醫材研發等，我方則表示可考慮結合台灣 ICT 產業與澳洲生醫研究共同開發新產品，雙方未來可研議進一步合作。

上午 10 時 45 分拜會澳洲科學院(AAS)，與 AAS 副院長 Professor Jim S Williams 及前任副院長 Professor Chennupati Jagadish 會面，澳方提到 AAS 主要職責在於提供政府各項科研政策建議，目前該院正推動鼓勵女性從事科研工作及培養年輕研究學者等政策，如籌辦年輕研究學者工作坊，藉由經驗分享協助年輕學者進入國際學術領域，可作為我方未來推動相關政策參考；此外該院今年將派訪團出席在台灣舉辦之 ICSU(國際科學理事會)年會，可藉此機會加強台澳雙方科研交流合作。

下午 1 時 30 分拜會澳洲研究委員會(ARC)，與 ARC 政策與誠信部門處長 Mr. Justin Withers 會面，澳方就 ARC 的運作及業務概況向我方進行簡報，ARC 推動的頂尖研究中心(Centre of Excellence)及 ERA 研究評估機制可作為我方推動參考，此外，ARC 目前雖與我方無雙邊合作機制，但

其研究補助方案鼓勵澳方學者與全球科研人員合作，我方亦是目前澳方推動 NISA 的 17 個合作國家之一，後續可考慮鼓勵我國學者藉由此機制參與澳方科研計畫。

下午 3 時拜會澳洲聯邦產業、創新及科學部(DIIS)，與 DIIS 科學與商業化政策部門主管 Dr. Jane Urquhart 會面，澳方提到澳洲雖在研究方面成果頗佳，但卻無相對應產業，在學術與產業合作上仍有很大改善空間。我方則提到台灣在產研合作上具有相當豐富經驗，未來雙方可進行經驗分享，並推動台澳在科研上的實質合作；未來雙方可選擇特定領域派遣訪團或辦理小型研討會，以落實初步合作。

拜會行程結束後，由科技組陪同參訪坎培拉新國會大樓以及舊國會，之後前往常大使官邸參加晚宴，參加人員包括代表處經濟組路組長豐璟、教育組畢組長祖安以及兩位我國在澳洲國立大學就讀的博士生，席間就台澳的交流現況、地理文化差異及未來之合作進行廣泛之意見交流。

晚宴結束後，由科技組陪同前往機場，搭乘澳洲航空(QF483)返回墨爾本，於晚間 9 時 40 分抵達墨爾本，由駐墨爾本辦事處蘇組長及郭秘書協助接機返回旅館。

2017/5/27 (六)

早上由駐墨爾本辦事處蘇組長及郭秘書協助送機，搭乘 7 時 45 分起飛之國泰航空(CX134)前往香港，於下午 4 時 55 分搭乘國泰航空(CX5454)飛往高雄，並於晚間 6 時 25 分抵達高雄。

參、心得及建議

澳洲的科研發展在生醫、能源、農業等方面都有相當傑出的表現，但與產業的連結上有待加強，目前澳洲政府也推動國家創新科學綱領 (National Innovation and Science Agenda, NISA) 來加強產業與研究之合作，我國則在產學合作上有相當之經驗，此外我國目前正大力推動 5+2 創新產業，與澳洲政府重點推動領域也大致相同，未來雙方應可有相當之合作空間。

本次行程與相當多的澳方科研機構進行意見交流，也了解澳方相當多的科技政策規劃及重點推動領域，下列幾項可做為未來推動科研政策之參考：

1. 規劃特定領域推動台澳雙邊派遣訪團或辦理小型研討會，以增進雙方交流，進一步推動實質合作。
2. 宣導澳洲科研補助機構(ARC 及 NHMRC)相關補助方案，鼓勵國內學者參與澳洲的科研計畫。
3. 參考澳洲科學院協助年輕科研人員發展研究生涯的相關活動(如訓練營)，提供國內年輕科研人員相關管道及資源。
4. 參考澳洲推動研究成果的方式，加強推廣國內研究成果至國際，並提升英文版文宣品的專業水準。

附錄 1：行程照片剪影

(一) 5/23 上午參訪 St Vincent's Hospital Melbourne(SVHM)



(二) 5/23 下午拜會澳洲技術科學及工程學院(ATSE)-會議情形



(三) 5/23 下午拜會 ATSE-與執行長 Dr. Margaret Hartley 合影



(四) 5/23 下午拜會 ATSE-與會人員合影



(五) 5/24 上午拜會維多利亞州州議會合影



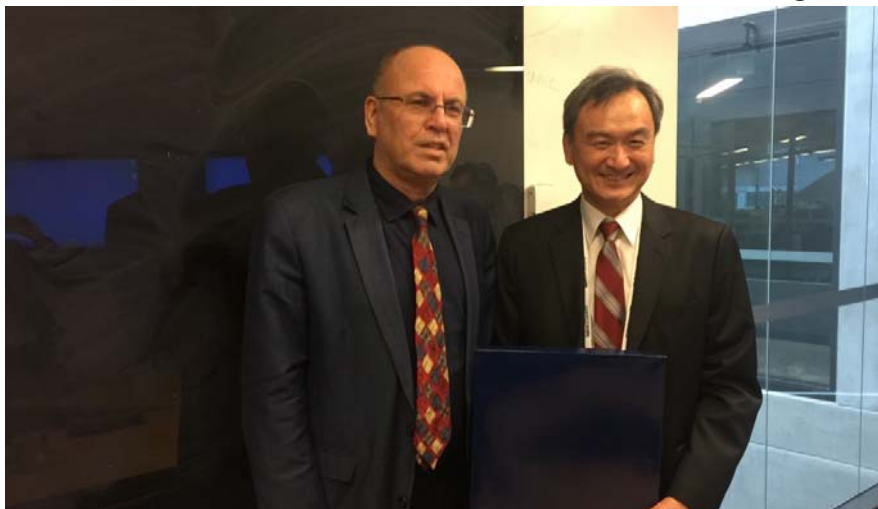
(六) 5/24 上午於墨爾本辦事處合影



(七) 5/24 下午參訪蒙納許大學工程學院聽取簡報



(八) 5/24 下午與蒙納許大學工程學院副院長 Professor George Simon 合影



(九) 5/24 下午參訪蒙納許大學工程學院 3D 虛擬實境設施 CAVE2



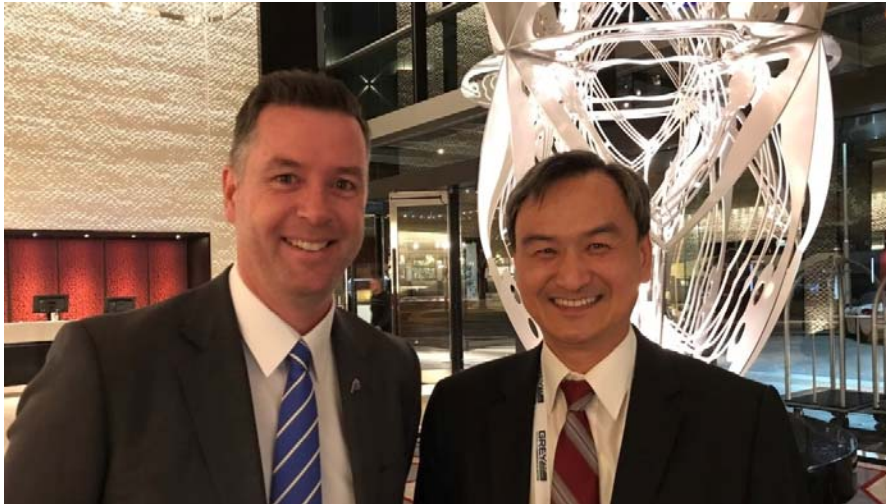
(十) 5/24 下午參訪蒙納許大學生醫學院實驗室



(十一) 5/24 下午與蒙納許大學生醫學院 Professor James Whisstock 合影



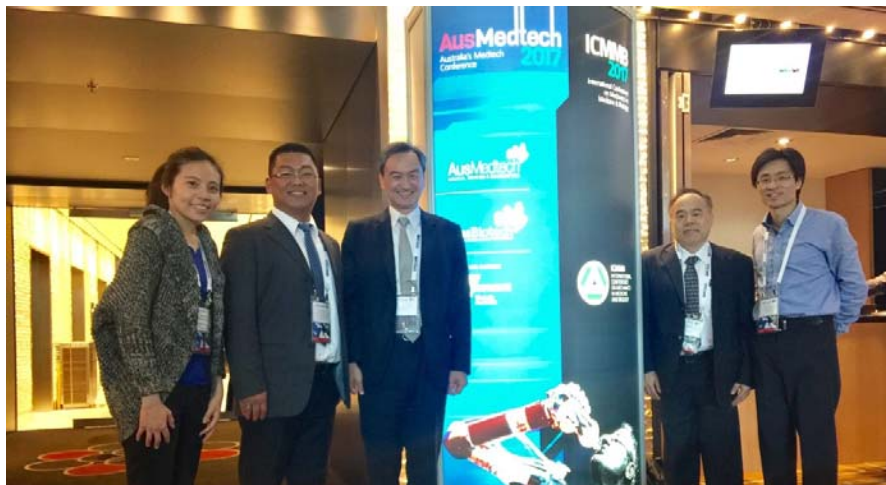
(十二)5/24 晚間與維州產業及就業廳廳長 Hon Wade Noonan MP 合影



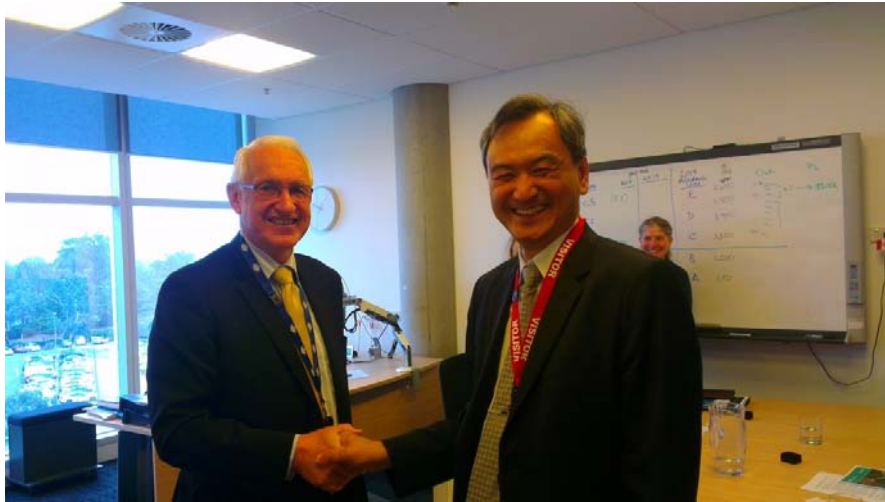
(十三)5/25 上午於大會發表專題演說



(十四)5/25 上午與其他台灣參加人員於會場合影



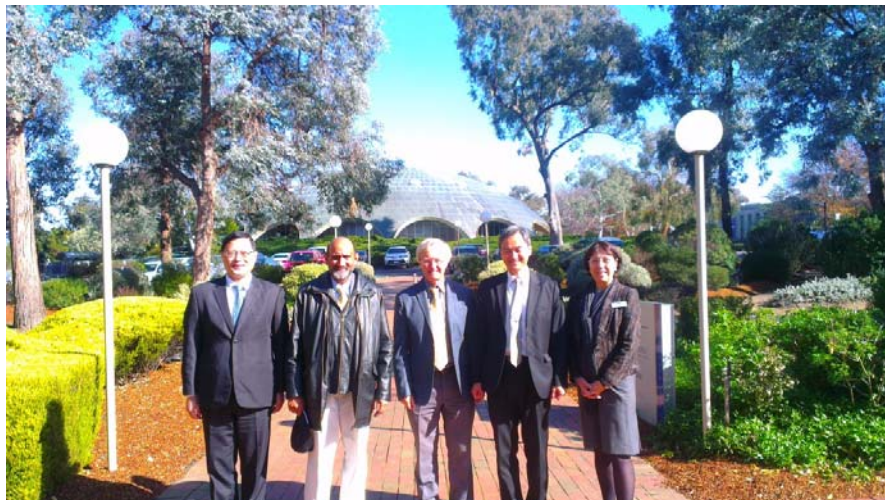
(十五)5/26 上午拜會 NHMRC-與總經理 Mr. Tony Kingdon 合影



(十六)5/26 上午拜會 AAS 與副院長 Professor Jim S Williams 合影



(十七)5/26 上午拜會 AAS-與 AAS 同仁合影



(十八)5/26 下午拜會 ARC-與政策與誠信部門處長 Mr. Justin Withers 合影



(十九)5/26 下午拜會 DIIS-與科學與商業化政策部門主管 Dr. Jane Urquhart 合影



附錄 2：「2017 AusMedtech & ICMMB」大會議程



Tuesday 23 May - Satellite event (Optional)

*Medical Technology Research Institute Tour 10:00am - 4:00pm

The Medical Technology Research Institute Tour will explore some of the world's leading medical research institutes including the [Bionics Institute](#), the [St Vincent's Institute of Medical Research](#) and the newly-developed Aikenhead Centre for Medical Discover (ACMD) research facility, [BioFab3D@ACMD](#). Together these institutes provide a unique model for collaboration between researchers, clinicians, end-users and industry in Melbourne's CBD.

This tour will provide the opportunity to:

- Visit cutting-edge institutes and centres
- View research, facilities and capabilities within Melbourne's CBD
- Meet academics driving the latest medical technology research

ANDHealth Digital Health 2017 8:30am - 6:30pm

Location: Allens Linklaters, 101 Collins St, Level 37, Melbourne, 3000, VIC
ANDHealth, Australia's national digital health integrator and accelerator, is running a one-day digital health summit in conjunction with AusBiotech on 23 May. Join the community for excellent networking sessions between speakers:

- Hear practical information and insights from the leaders in digital health;
- Investor perspectives;
- Company success stories;
- Regulatory information; and
- Access to Australia's leading digital health entrepreneurs.

*Regulatory affairs and health economics workshop 9:30am - 5:30pm

AusMedtech, the national industry group representing the medical devices and diagnostics industry sector in Australia, invites you to attend the Regulatory Affairs and Health Economics Workshop at AusMedtech 2017 & ICMMB 2017.

While Australia boasts a strong market for developing medical technology, yet the

landscape is complex and dynamic. This workshop will explore this landscape, presenting current trends and emerging issues that may affect organisations operating in the medical device industry.

The AusMedtech Regulatory Affairs Expert Panel will lead the morning session, focusing on the Therapeutic Goods Administration (TGA)'s Medicines and Medical Devices Review (MMDR), changes in the European Union (EU) and provide an overview of risk classification.

The afternoon session, led by the Health Economics Expert Panel, will discuss prostheses prices and continuing reform of private health insurance.

***Phillips Ormonde Fitzpatrick networking event 6:00 - 8:00pm**

Enjoy a relaxed evening of networking hosted by Phillips Ormonde Fitzpatrick in their Melbourne's offices

Wednesday 24 May - Conference day 1

9:00 - 9:30am	Arrival and registration for AusMedtech 2017 & ICMMB 2017			
9:30 - 10:00am	Official conference welcome Richard Bolt , Secretary to the Department of Economic Development, Jobs, Transport and Resources Glenn Cross , AusBiotech, CEO Yosry Morsi , ICMMB Chair			
10:00 - 11:00am	Plenary: The Bionic Eye: Restoring sight with vision prostheses Prof Anthony N Burkitt , Director, Bionic Vision Australia, University of Melbourne			
11:00 - 12:00pm	Plenary: We are such stuff as dreams are made on Prof Peter Choong , Sir Hugh Devine Professor of Surgery, University of Melbourne Director of Orthopaedics, St. Vincent's Hospital Melbourne			
12:00 - 1:00pm	Lunch and networking with exhibitors 'Meet the AusMedtech Regulatory Affairs Expert Panel' networking lunch			
	AusMedtech breakout sessions		ICMMB breakout sessions	
1:00 - 2:00pm	Emerging technologies Chair: Warren Bingham , VP Asia Pacific, Clinical Genomics Dr Gil Stynes , Department of Surgery, St. Vincent's Hospital, University of Melbourne Jenny O'Neill , CEO and co-founder, Episoft Samuel Holt , Founder, Skinview	Changes in the regulatory landscape Chair: Grant Bennet , CEO, Brandwood Biomedical Adunct Prof John Skerritt , Deputy Secretary, Health Products Regulation Group, Department of Health Panel discussion: Dushyant Sanathara , BDM, Medical Devices and Product Certification, BSI Dr Darren Forrest ,	Biomaterials and Tissue Engineering - Part 1 Chair: Prof Xiumei Mo , Donghau University, China Dr Ivan Corazza , University of Bologna, Italy Tonghe Zhu , Donghua University, Shanghai, China Prof Simon Moulton , Swinburne University of Technology, Australia Pier Luca Rossi , University of Bologna, Italy	Advances in Stem Cell Therapies – Part 1 Chair: Prof David Liley , Swinburne University of Technology, Australia Keynote speaker: Prof Samira Musah , Harvard University (USA) Prof Ramakrishnan Swaminathan , Indian Institute of Technology, India

		Director of Quality and Regulatory Affairs ANZ, Medtronic Dr Frederic Bustos , Quality and Regulatory Affairs Manager, Cochlear		
2:00-3:00pm	Business models for medical technologies Chair: Peter Bradley , VP Global Business Development, LBT Innovations Phoebe Macleod , Head of Legal and Licensing, Digital Health, MCRI Nick Haan , Executive Director, OncoDx Liza Dunne , CEO, OncoRes Medical Jenny O’Neill , CEO and co-founder, Episoft	Medical device clinical trials: Developments in the Australian landscape Chair: Lorraine Chiroiu , Deputy CEO, AusBiotech Sue MacLeman , CEO & Managing Director, MTPConnect Lyndon Crossley , Director of Clinical affairs, Global Orthopaedic Technology Adele Hosseini , Director of Clinical Affairs Kylie Sproston , Chief Executive, Bellberry Limited Dr David Lloyd , Managing Director, Southern Star Research	Biomaterials and Tissue Engineering - Part 2 Chair: Prof Samira Musah , Harvard University Keynote speaker: Dr Yasuhiko Tabata , Kyoto University, Japan Lilith Caballero Aguilar , Swinburne University of Technology, Australia Shaun Gietman , Swinburne University of Technology, Australia	Medical, Rehabilitation robotics and Assistive Devices-Part 1 Chair: Prof Paul Stoddart , Swinburne University of Technology, Australia Keynote speaker: Prof Romano Zannoli , University of Bologna, Italy Dr Boyin Ding , The University of Adelaide, Australia Ben Allardyce , Deakin University, Australia
3:00 - 3:45pm	Afternoon tea and networking with exhibitors			
3:45 - 4:45pm	Overcoming barriers to Global market access Chair: Brendan Mason , Managing Director, Sino-Oz Johanna Wright , Director of Regulatory Affairs, ResMed Simranjit Singh , General Manager, Medical Devices & Diagnostics Asia, Quintiles Mike Heyl , Partner, Hogan Lovells	Is the Company Investable? Chair: Rob McInnes , Partner, DibbsBarker Peter Franke , Principal, Franke Hyland Brigitte Smith , Managing Director, GBS Venture Partners Dr Abby Bloom , Executive Chair, Acu Rate Pty Ltd	Electrospinning– Part 1 Chair: Prof Yosry Morsi , Swinburne University of Technology, Australia Keynote speaker: Prof Xiumei Mo , Donghau University, China Binbin Sun , Donghua University, Shanghai, China Riyadh Al-Attabi , Swinburne University of Technology, Australia	Neuroscience and Neuroengineering - Part 1 Chair: Prof David Liley , Swinburne University of Technology, Australia Keynote speaker: Prof Rikky Muller , University of California, USA William Hart , Swinburne University of Technology, Australia S Vidhusha , SSN College of Engineering, India
4:45 - 5:45pm	Delivering on the potential of digital health Chair: James Dromey ,	The policy and politics of reimbursement of medical devices in Australia Chair: Dominic Tilden ,	Medical, Rehabilitation robotics and Assistive Devices - Part 2 Chair: Prof Romano	Biomechanics and Computer modeling/ simulation-Part 1 Chair: Prof Cheng-Kung

	<p>COO, MCRI</p> <p>Adam Wardell, Head of Strategy, Innovation and BD&L, Novartis</p> <p>Dr Rob Grenfell, Health Director, CSIRO Health and Biosecurity</p> <p>George Papadopoulos, Managing Director, Emerald Corporate Group</p>	<p>Director, Thema Consulting</p> <p>Keynote speaker: Andrew Stuart, Deputy Secretary of Health Benefits Group, Department of Health</p> <p>Panel discussion: Sarah Griffin, Medtechnique Consulting</p> <p>Dan Barker, Chief Technology Officer, Global Orthopaedic Technology</p> <p>Mark Muller, CFO, Cook Medical</p>	<p>Zannoli, University of Bologna, Italy</p> <p>Keynote speaker: Prof Yosry Morsi, Swinburne University of Technology, Australia</p> <p>Eric Wu, University of Queensland, Australia</p> <p>Shih-Yun Lin, National Cheng Kung University, Taiwan</p>	<p>Cheng, National Yang-Ming University, Taiwan</p> <p>Fernando Jativa, University of Melbourne, Australia</p> <p>Ashish Saxena, Nanyang Technological University, Singapore</p> <p>Dr Kheng Lim Goh, Newcastle University International, Singapore</p> <p>Prof Cheng-Kung Cheng, National Yang-Ming University, Taiwan</p>
5:45 - 7.00pm	Biomechanics and Computer modeling/simulation-Part 1			
	Iverson Health Innovations Research Institute Launch Event - Pre-Dinner Drinks			
7:00 - 10:00pm	AusMedtech Cook Conference Dinner			

Thursday 25 May - Conference day 2

7:45 - 8:45am	<p>Australian National Fabrication Facility (ANFF) business breakfast</p> <p>Chair: Dr Warren McKenzie, Business Development Manager, Australian National Fabrication Facility (ANFF)</p> <p>Prof Nico Voelcker, Director Victorian Node of ANFF, Melbourne Centre for Nanofabrication, Monash University, CSIRO Manufacturing</p> <p>Prof Sally McArthur, Swinburne University of Technology and OCE Science Leader CSIRO Manufacturing</p> <p>Dr Andrew Gooley, Chief Scientific Officer, Trajan Scientific and Medical</p>		
8:30 - 9:00am	Registration desk opens		
9:00 - 9:45am	<p>CEOs' session: What keeps you awake at night</p> <p>Chair: Lusia Guthrie, Chairman, Clever Culture Systems</p> <p>Peter Rowland, Managing Director, Micro-X Ltd</p> <p>Michael Kavanagh, CEO and President, Nanosonics</p> <p>Stuart Elliott, CEO, Planet Innovation</p> <p>Matthew Hoskin, CEO, Sienna Cancer Diagnostics</p> <p>Julie-Anne Quinn, CEO, Bionic vision Technologies</p>	<p>ICMMB Plenary</p> <p>Chair: Dr Yasuhiko Tabata, Kyoto University, Japan</p> <p>Keynote speaker: Prof Cheng-Kung Cheng, Chair Professor of Department of Biomedical Engineering and Director of Orthopaedic Device Research Center, National Yang Ming University</p>	
9:45 - 10:20am	<p>The Biomedical Translation Fund panel update</p> <p>Chair: Peter Wills AC, Chair, BTF Committee</p> <p>Anne-Marie Birkill, Managing Partner and Executive Director, OneVentures Pty Ltd</p>	<p>ICMMB Plenary</p> <p>Chair: Yosry Morsi, Swinburne University of Technology, Australia</p> <p>Keynote speaker: Dr Eiji Matsuura, Okayama</p>	

	<p>Dr Chris Nave, Managing Director, Brandon Capital Partners</p> <p>Dr Amanda Gillon, Investment Manager, BioScience Managers</p> <p>Yasser El-Ansary, CEO, AVCAL</p>	University, Japan		
10:20 - 10:50am	Morning tea			
10:50 - 12:00pm	<p>Partnering on Product design and deals</p> <p>Chair: Kerry A. Hegarty, Business Development Director, Research, Innovation & Commercialisation, The University of Melbourne</p> <p>Timothy I. Still, President and CEO, Global Kinetics Corporation</p> <p>Nick Pachuda, VP External Innovation Orthopedics & Kathy Connell, Senior Director New Ventures, ANZ, Johnson & Johnson Innovation</p> <p>Dr Nicholas Opie, Founding Director and CTO, SmartStent and Senior Research Fellow, The University of Melbourne</p>		<p>Biomechanics and Computer modeling/ simulation-Part 2</p> <p>Keynote speaker: Prof Fong-Chin Su, National Cheng Kung University, Taiwan</p> <p>Siamak Nezami Doost, Swinburne University of Technology, Australia</p> <p>Tejas Canchi, Nanyang Technological University, Singapore</p>	<p>Bioprinting and Biofabrication</p> <p>Chair: Prof Simon Moulton, Professor of Biomedical Electromaterials, Swinburne University of Technology</p> <p>A/Prof Andrea J. O'Connor, The University of Melbourne, Australia</p> <p>Holger Pils, Bio-Strategy PTY Ltd, Australia</p> <p>Dr Kara Vine, University of Wollongong, Australia</p>
12:00-1:00pm	<p>Collaboration for commercialisation</p> <p>Chair: Dr Joanne Boag, Senior Manager, Intellectual Property and Commercialisation, MCRI</p> <p>Dr. Samih Nabulsi, General Manager, Cook Australia</p> <p>Bronwyn Le Grice, Co-Founder and CEO, ANDHealth</p> <p>Charlie Day, CEO, Office of Innovation and Science Australia</p>	<p>New IP Ready online tool</p> <p>Rob McInnes, Partner, DibbsBarker</p> <p>What is Government's Policy on medtech</p> <p>Chair: Lorraine Chiroiu, Deputy CEO, AusBiotech</p> <p>Andrew Wear, Director, Medical Technologies and Pharmaceuticals Department of Economic Development, Jobs, Transport and Resources</p> <p>Marco Baccanti, Chief Executive, Health Industries South Australia</p>	<p>Biomechanics and Computer modeling/ simulation-Part 3</p> <p>Chair: Prof Samira Musah, Harvard University, USA</p> <p>Keynote speaker: Prof Itsu Sen (Yi Qian), Macquarie University, Australia</p> <p>Yuanyuan Dai, Macquarie University, Australia</p> <p>Gayan Weerakkody Dayarathnage, Swinburne University of technology, Australia</p>	<p>Advances in stem cell therapies - Part 2</p> <p>Chair: Dr Kara Vine, University of Wollongong, Australia</p> <p>Keynote speaker: Prof Paul Verma, Monash Institute of Medical Research, Australia</p> <p>Nagarajan Ganapathy, Indian Institute of Technology, India</p> <p>Nitinram Velraj, Indian Institute of Technology</p>
1:00 - 2:00pm	Lunch / IP Australia - Patent Analytics Hub for businesses			

2:00 - 2:45pm	<p>Risk process for Medical device Development and Commercialisation</p> <p>Chair and keynote speaker: Toby McSweeney, Head of Class III Development Group, Hydrix</p> <p>Panel discussion: Liza Dunne, CEO, OncoRes Medical Kath Giles, Investment Manager, Brandon Capital Dr Brendan Kennedy, Laboratory Head, Harry Perkins Institute of Medical Research & Senior Research Fellow, The University of Western Australia & Chief Scientific Officer, OncoRes Medical.</p>	<p>ICMMB Plenary</p> <p>Chair: Dr Yasuhiko Tabata, Kyoto University, Japan</p> <p>Keynote speaker: Prof Anthony Weiss, University of Sydney, Australia</p>	
2:45 - 3:25pm	<p>Update on the Federal Government Growth Centre</p> <p>Chair: Glenn Cross, CEO, AusBiotech</p> <p>Sue MacLeman, CEO and Managing Director, MTPConnect Michael Grogan, Victorian Director, Advanced Manufacturing Growth Centre</p>	<p>Advances in medical devices - Design and optimisation</p> <p>Chair: David Liley, Swinburne University of Technology, Australia</p> <p>Keynote speaker: Dr Dan Abrams, Cerebral Therapeutics</p>	<p>Biomaterials</p> <p>Chair: Prof Xiumei Mo, Donghau University, China</p> <p>Prof Paul R. Stoddart, Swinburne University of Technology, Australia Daniela Duc, Swinburne University of Technology, Australia Xian Wen Tan, Okayama University, Japan</p>
3:25 - 4:45pm	<p>Frost & Sullivan</p> <p>Mark Dougan, Consulting Director, Healthcare, Frost & Sullivan, Asia Pacific</p>	<p>Don Bombuwela, Swinburne University of Technology, Australia Philip Kinsella, Swinburne University of Technology, Australia</p>	
3:45 - 4:15pm	Afternoon tea		
4:15 - 5:15pm	On the couch ICMMB & AusMedtech wrap-up session		
5:15 - 6:15pm	Closing Drinks		

附錄 3：拜會澳洲技術科學及工程學院(ATSE)議程

ATSE Round Table with Professor Fong-Chin SU, Deputy Minister, Ministry of Science and Technology, Taiwan

Tuesday May 23 2017, 15.30-17.00

ATSE Boardroom, 1/1 Bowen Crescent, Melbourne, VIC 3004

Agenda

1. Welcome and Introductions
2. Overview of Taiwan Science and Technology Priorities and Programs
3. Presentation on ATSE's Science and Technology Programs, including the Global Connections Fund
4. General discussion on technology innovation, with focus on biomedical research issues and cooperation between Australia and Taiwan in this field

Afternoon tea will be served.

Attendees – Taiwan Delegation

Name	Position	Organization
Prof. Dr Fong-Chin Su	Deputy Minister	Ministry of Science and Technology
Dr Suang-Jing Pong	Senior Advisor	Science & Technology Division, Taipei Economic and Cultural Office in Australia (Ministry of Science and Technology)
Mr Kai-Shyr Wang	Executive Assistant	Science & Technology Division, Taipei Economic and Cultural Office in Australia (Ministry of Science and Technology)
Mr Alex Yu-Chiang Kuo	Assistant Director	Taipei Economic and Cultural Office in Melbourne, Australia (Ministry of Foreign Affairs)
Ms Sylvia Lin	Senior Manager	Medical device industry section, Biotechnology and Pharmaceutical Industries Promotion Office (BPIPO), Ministry of Economic Affairs
Ms Janet Chung	Manager	Medical device industry section, Biotechnology and Pharmaceutical Industries Promotion Office (BPIPO), Ministry of Economic Affairs

Attendees – Australia

Name	Position	Organization
Dr Margaret Hartley FTSE (Chair)	Chief Executive Officer	ATSE
Dr Amanda Caples AICD	Victoria's Lead Scientist	Victorian Government
Mr Glenn Cross	Chief Executive Officer	AusBiotech
Prof Mike Manton FTSE	ATSE Senior International Advisor	ATSE; Monash University
Prof Mike Miller FTSE	Co-Chair, ATSE Digital Futures Working Group	ATSE; University of South Australia
Dr Carolyn O'Brien	International Relations and Policy	ATSE
Dr Matt Wenham	Executive Manager, Policy & Projects	ATSE

附錄 4：參訪蒙納許大學議程

Visit Itinerary


Professor Fong Chin SU
Deputy Minister, Ministry of Science & Technology, Taiwan
Wednesday, 24th May, 2017
Accompanied by

Dr. Suang-Jing Pong, Senior Advisor, Science & Technology Division, Taipei Economic and Cultural Office in Australia (Ministry of Science and Technology)

Mr. Kai-Shyr Wang, Executive Assistant, Science & Technology Division, Taipei Economic and Cultural Office in Australia, (Ministry of Science and Technology)

Ms. Sylvia Lin, Senior Manager, Medical device industry section, Biotechnology and Pharmaceutical Industries Promotion Office (BPIPO), Ministry of Economic Affairs

Ms. Janet Chung, Manager, Medical device industry section, Biotechnology and Pharmaceutical Industries Promotion Office (BPIPO), Ministry of Economic Affairs

Time	Activity	Venue
2.15 pm	Arrive at Monash University, Clayton Campus - Met at entrance by Mr James Shelton, Senior Manager, International Relations, Office of the President & Vice-Chancellor and Ms Rebecca Deng, Manager, China Engagement	New Horizons Building, 20 Research Way  Adobe Acrobat Document
2.15 – 2.45 pm	Meeting with Faculty of Engineering Professor George Simon, Deputy Dean and Professor Huanting Wang, Deputy Dean, International	Meeting Room 239 in New Horizons, 20 Research Way
2.45 – 3.15 pm	Tour of Research Facility in Faculty of Engineering and Information Technology led by Professor Huanting Wang, Deputy Dean, International, Faculty of Engineering	
3.15 – 3.30 pm	Walk to 23 Innovation Walk	Escorted by Senior Managers, International Relations
3.30 – 4.15 pm	School of Biomedical Sciences - Professor James Whisstock – tour of laboratory	23 Innovation Walk

4.15 – 5.00 pm	School of Biomedical Sciences - Professor Mark Sleeman – tour of laboratory	<i>23 Innovation Walk</i>
5.00pm	<i>Visit Concludes</i>	

Monash University Contacts		
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James Shelton	Senior Manager, International Relations, Office of DVC (Global Engagement)	Mobile: +61 (0) 422 270 003
Platinum Taxis (Angelo)		+61 (0) 413 630 018