

EXECUTIVE SUMMARY
ARCHIE JAMES JOHNSTON

BSc (1974) PhD (1978) (Heriot-Watt University)
HonFIEAust. FICE. FTSE. FAICD. FRSN. EngExec.

QUALIFICATIONS:	Graduate Diploma, Australian Institute of Company Directors.	2008
	Doctor of Philosophy, Heriot-Watt University.	1978
	Bachelor of Science in Civil Engineering (Hons), Heriot-Watt University.	1974
PROFESSIONAL:	Honorary Fellow: Engineers Australia.	2015
	Fellow: Royal Society of New South Wales.	2015
	Engineering Executive: Engineers Australia.	2010
	Fellow: Australian Institute of Company Directors.	2010
	Emeritus Professor: University of Technology, Sydney.	2010
	Fellow: Institution of Civil Engineers.	2008
	Fellow: Australian Academy of Technological Sciences and Engineering.	2008
AWARDS:	Sir John Holland Civil Engineer of the Year.	2007
	Entrepreneurial Educator of Year: Business Higher Education Round Table.	2007
	One of the most Influential 100 Engineers in Australia – Engineers Australia.	2004–09 & 2015.
	The Prestigious Research Grant, James Cook University 1995.	1995
	Kevin Stark Memorial Award, Ocean & Coastal Engineering, Conference, Engineers Australia.	1993
CAREER EXPERIENCE:	Chair Sydney School of Business, The University of Sydney.	2014-
	Chair of Health Sciences Division Board, The University of Sydney.	2011-14
	Dean of Engineering & Information Technologies, Acting Provost (periods), The University of Sydney.	2009-
	Dean of Engineering (with Information Technology from 2008) & Pro-Vice-Chancellor [Research] (2003): University of Technology Sydney.	1999-09
	Dean: University of South Australia.	1997-99
	Head of Department (1995-97). Pro Vice Chancellor [Academic Support] (1997). Lecturer to Professor (1984-95): James Cook University, North Queensland.	1984-97
	Research Fellow: Woodside Petroleum/University of Western Australia.	1980-82
	Engineer: Development Engineering, Brisbane, Queensland.	1979
	Engineer: Mount Newman Mining, Western Australia.	1978
	Engineer: Robert H. Cuthbertson and Partners, Consultant Engineers, Edinburgh.	1973
POSITIONS HELD ACADEMIC:	Peer Reviewer: Excellence in Research for Australia (ERA), Australian Research Council.	2015 and 2010
	Member: Australian Research Council Industry Advisory Panel for the ARC Industrial Transformation Research Hubs and Industrial Transformational Training Centres.	2013
	Assessor: 2013 Learning and Teaching Grants Programs, including Innovation and Development Grants and Leadership for Excellence Grants, Office for Learning and Teaching, Department of Industry, Innovation, Climate Change, Science, Research and Tertiary Education	2013
	Independent Expert: Cooperative Research Centres Assessment, Commonwealth Government of Australia.	2011-13
	Discipline Assessor: Australian Teaching and Learning Council Fellowships Scheme.	2011

Chair: Review of the Australian Centre for Microscopy and Microanalysis, The University of Sydney. 2011

Member: ARC Centre of Excellence in Autonomous Systems Advisory Board. 2006-10

Project Director: Review of Engineering Education, Carrick Institute of Learning and Teaching. 2006-08

Member: School of Engineering Advisory Board, University of Tasmania 2001-07

International Expert: Australian Research Council (ARC) Discovery Projects. 2005 -

Program Leader: Reef Cooperative Research Centre. 1992-97

Member: Task Force for the Review of Engineering Education. 1996

Reviewer: Australian Research Grant Scheme (ARGS). American Society of Civil Engineering. American Geophysical Union. International Reader for the Australian Research Council (ARC). 1999 -

PROFESSIONAL:

Honorary Professor, Tianjin University. 2015 –

Senior Evaluator: New Engineering in Chile for 2030, Government of Chile. 2014 -

Member of Board of Management: China Studies Centre, The University of Sydney. 2013 –

Chair of Management Board: Centre for Disability Research and Policy Management, The University of Sydney. 2012 -

Member: Judging Panel of Prime Minister’s Science Prizes. 2010-13.

Expert Advisor: Research Workforce Strategy, Commonwealth Government of Australia. 2011.

Chair: Centre for Leadership and Management Board, Engineers Australia. 2007-10.

Chair (2012-13) and Deputy Chair: Education Forum and Member of Strategic Development Group (2012), Assessor of the Australia Japan Emerging Research Leaders Exchange Program (2012), Academy of Technological Sciences & Engineering. 2009 -14

Chair: Judging Panel, Australian Construction Achievement Awards. 2009

Director: Smart Services CRC Board (Chair of Finance, Audit and Risk Management Committee), CRC for Advanced Composite Structures Ltd Board, and, Warren Centre for Advanced Engineering Board. 2009-

Advisor: ICT - Reliance Group, Mumbai, India. 2009-13

Advisor: The Associated Chambers of Commerce and Industry of India, Delhi, India. 2006-09

Director: INSEARCH Board, Commercial Company of UTS. 2008-09

Chair: UTS OH&S Committee. 2007-09

President: Australian Council of Engineering Deans. 2005-07

Advisory Professor: Shanghai Jiao Tong University. Lifetime.

Member: DEST Steering Committee Science, Engineering & Technology Skills Audit, and National Science Week Funding Committee. 2004-06

Member: College of Environmental Engineering Board, Engineers Australia. 2002-06

Director: Satellite Systems CRC Board. 2000-06

Director: Access:UTS Board, Commercial Company of UTS. 2001-04

Chair: UTS Finance and Human Resource Systems Replacement Program. 2002-04

Director: Australian Centre for Renewable Energy CRC Board and Australian Graduate School of Engineering Innovation. 1999-03

Chair: Quality Reference Group, Thai-Australia AusAid Science and Engineering Project. 1997-00

Member: Expert Review Team, Surface and Groundwater Resources, Taiwan Provincial Government. 1998

Member: International Expert on Oil Spill Containment - US & Canadian Governments. 1994-98

Director: Cyclone Structural Testing Station & Uninet Enclosure Systems, James Cook University. 1995-97

Director: Siemens Science Summer School. 1993

	Member: Board of Secondary School Studies, Queensland.	1987-92
	Chairman: Townsville Local Group, Institution of Engineers, Australia.	1987-89
COMMUNITY:	Executive member: Turrumurra High School, P&C	2011-
	Chair: Turrumurra Public School, P&C	2008-10
	Member: Selection Panel for TPS School Principal	2009
	Coach: Kissing Point Soccer Club	2005-
	Secretary: Turrumurra Scout Group.	2003-07
PAPERS AND REPORTS:	Over 182	1984-

Some Key Activities/Relationships in China and Hong Kong.

I was appointed as an Honorary Professor of Tianjin University that is one of the oldest universities in China. In taking up this role as honorary professor I joined an illustrious list of previous appointees including Nobel Prize laureate Herbert Simon (economics prize in 1978).

I was appointed as an Advisory Professor of the Shanghai Jiao Tong University: I was appointed to this role in 2006 and in 2010 it was confirmed as a lifetime appointment. SJTU have listed me as one of the top 200 scholars worldwide.

I establishment of a **Strategic Alliance** (\$2M) between **The University of Sydney and Tsinghua University (2014)** to undertake joint research programs in **Energy Networks** that involve major Australian electricity network service providers, energy and resources companies, universities as well as the State Grid Corp Ltd, South China Grid Ltd, and other key industrial leaders in energy in China.

I established a **Strategic Alliance** (\$2M) between **The University of Sydney and Shanghai Jiao Tong University (2013)** that involves Engineering and Medicine at both Universities collaborating in the areas of translational medicine, biomedical engineering and bioinformatics.

When with the University of Technology Sydney (2000 - 09), I established a Partnership with the **Hong Kong Management Association** (Master of Engineering Management in English and Chinese and Master of Environmental Engineering Management in English). These programs were delivered in Hong Kong, Taipei, Beijing and Guangzhou. In 2005 the programs won the premier **Hong Kong-Australia Business Award**.

Professor Archie Johnston
 Dean of Engineering and Information Technologies.
 The University of Sydney
 February 2016

个人要点综述

阿奇·詹姆斯·约翰斯顿

本科(1974) 博士(1978) (赫瑞·瓦特大学).

澳大利亚工程师协会荣誉院士, 土木工程师学会院士, 澳大利亚技术科学与工程院院士,

澳大利亚公司董事学会院士, 澳大利亚工程师协会工程主管

学术资格:	毕业证书, 澳大利亚公司董事学会.	2008
	哲学博士, 赫瑞·瓦特大学.	1978
	土木工程科学学士 (荣誉学位), 赫瑞·瓦特大学.	1974
专业资质:	荣誉院士: 澳大利亚工程师协会.	2015
	院士: 新南威尔士皇家学会.	2015
	工程行政长官: 澳大利亚工程师协会.	2010
	院士: 澳大利亚公司董事学会.	2010
	名誉教授: 悉尼科技大学.	2010
	院士: 土木工程师学会.	2008
	院士: 澳大利亚技术科学与工程院 (ATSE).	2008
获得奖项:	Sir John Holland 年度土木工程师.	2007
	年度创业教育者: 商业高等教育圆桌会议.	2007
	澳大利亚最有影响力的 100 位工程师之一— 澳大利亚工程师协会.	2004-09 & 2015.
	知名研究资助, 詹姆斯·库克大学 1995.	1995
	Kevin Stark 纪念奖项, 海洋和海岸工程, 会议, 澳大利亚工程师协会.	1993
职业经历:	悉尼商学院主席, 悉尼大学.	2014-
	健康科学分部理事会主席, 悉尼大学.	2011-14
	工程和信息技术学部部长, 教务长(担任期间), 悉尼大学.	2009-
	工程院院长 (自 2008 年和信息技术院一起) 和副校长 [研究] (2003): 悉尼科技大学.	1999-09
	院长: 南澳大学.	1997-99
	系主任 (1995-97). 副校长 [学术支持] (1997). 讲师到教授 (1984-95): 詹姆斯·库克大学, 北昆士兰.	1984-97
	研究员: 伍德赛德石油公司/西澳大学.	1980-82
	工程师: 发展工程, 布里斯班, 昆士兰.	1979
	工程师: 纽曼矿业集团, 西澳大利亚.	1978
	工程师: Robert H. Cuthbertson 与合伙人, 咨询工程师公司, 爱丁堡.	1973
担任过的学术职务:	同行评审人: 澳大利亚研究杰出计划 (ERA), 澳大利亚研究理事会.	2015 and 2010
	成员: ARC 产业转型研究中心和产业转型培训中心澳大利亚研究理事会产业顾问团.	2013

评估人: 2013 教学补助计划, 其中包括创新发展补助和卓越领导力津贴, 教学办公室, 工业、创新、气候变化、科学、研究和高等教育部门.	2013
独立专家: 合作研究中心评估, 澳大利亚联邦政府.	2011-13
学科评估人: 澳大利亚教学委员会奖学金计划.	2011
主席: 澳大利亚显微镜和显微分析中心评审, 悉尼大学.	2011
成员: 澳大利亚研究委员会自动系统卓越中心顾问委员会.	2006-10
项目主任: 工程学教育评议, 凯瑞克学习与教学研究所.	2006-08
成员: 工程学院咨询委员会, 塔斯马尼亚大学.	2001-07
国际专家: 澳大利亚研究理事会 (ARC) 探索项目.	2005 -
项目领导人: 珊瑚礁合作研究中心.	1992-97
成员: 工程学教育评审特派组.	1996
评审人: 澳大利亚的研究资助计划. 美国土木工程学会. 美国地球物理联合会.	1999 -
澳大利亚研究理事会(ARC)国际读本.	
担任过的专业职务:	
荣誉教授, 天津大学.	2015 -
高级评估人: 2030 智利新工程, 智利政府.	2014 -
理事会成员: 中国研究中心, 悉尼大学.	2013 -
理事会主席: 涉及残障人士的研究和政策管理中心, 悉尼大学.	2012 -
成员: 总理科学奖评选委员会.	2010-13.
专家顾问: 研究人员战略, 澳大利亚联邦政府.	2011.
主席: 领导力中心和理事会, 澳大利亚工程师协会..	2007-10.
主席 (2012-13) 和副主席: 教育论坛和战略发展集团成员 (2012), 澳大利亚 - 日本新兴研究领导者交换项目评估人 (2012), 技术科学与工程院.	2009 -14
主席: 评选委员会, 澳大利亚建筑成就奖.	2009
主任: 智能服务 CRC 董事会 (金融、审计和风险管理委员会主席), 先进复合材料结构有限公司 CRC 董事会, 和高级工程沃伦中心董事会.	2009-
顾问: 信息和通信技术 - Reliance 集团公司, 孟买, 印度	2009-13
顾问: 印度工商业联合会, 德里, 印度.	2006-09
主任: INSEARCH 董事会, 悉尼科技大学商业公司.	2008-09
主席: 悉尼科技大学职业健康和协会.	2007-09
主席: 澳大利亚工程院长理事会.	2005-07
顾问教授: 上海交通大学.	Lifetime.
成员: DEST 筹划指导委员会科学、工程和技术技能审计, 国家科学周资助委员会	2004-06
成员: 环境工程董事会, 澳大利亚工程师协会.	2002-06
主任: 卫星系统 CRC 董事会.	2000-06
主任: Access:UTS 董事会, 悉尼科技大学商业公司.	2001-04
主席: 悉尼科技大学金融和人力资源系统更换项目.	2002-04
主任: 澳大利亚可再生能源中心 CRC 董事会和澳大利亚工程创新研究生院.	1999-03
主席: 质量参照组, 泰国 - 澳大利亚, 澳大利亚援助署科学和工程项目.	1997-00
成员: 专家评议小组, 地表水和地下水资源, 台湾省政府.	1998

	成员: 石油漏油围堵国际专家 – 美国和加拿大政府.	1994-98
	主任: 旋风结构试验站和 Uninet 围护系统, 詹姆斯·库克大学.	1995-97
	主任: 西门子科学暑期学校.	1993
	成员: 中等学校教育董事会, 昆士兰.	1987-92
	主席: Townsville 地方组, 工程师学会, 澳大利亚.	1987-89
担任过的社区职务:	常务理事: Turrumurra 中学, 家长及市民协会	2011-
	主席: Turrumurra 公学, 家长及市民协会	2008-10
	成员: Turrumurra 公学校长甄选委员会	2009
	教练: Kissing Point 足球俱乐部	2005-
	秘书: Turrumurra 童子军	2003-07
论文和报告:	超过 182 篇	1984-

在中国内地和香港一些主要活动/关系.

本人被聘任为**天津大学名誉教授**, 这所大学被认为是中国最古老的大学之一。通过接受这个名誉教授职位, 我加入了先前获得过该学校此荣誉的杰出人物名单, 其中包括诺贝尔奖得主赫伯特·西蒙 (1978 年诺贝尔经济学奖)。

本人被聘任为**上海交通大学的顾问教授**: 于 2006 年受聘于这个职务, 2010 年被终身委任。上海交通大学把我列在了全球排名前 200 的学者之中。

本人创立了**悉尼大学和清华大学 (2014 年) 之间的战略联盟 (2 百万澳币)**, 来进行**能源网络联合研究项目**, 这个项目涉及主要的澳大利亚电力网络服务提供商、能源和资源公司、大学以及国家电网股份有限公司、中国南方电网公司, 以及中国其它的能源领域的重要领军者。

本人创立了**悉尼大学和上海交通大学 (2013 年) 之间的战略联盟 (2 百万澳币)**, 该联盟涉及两所院校的工程与医学院部分在转化医学, 生物医学工程和生物信息学等领域的合作。

当本人在悉尼科技大学时 (2000 – 09 年), 建立了与**香港管理专业协会 (英文和中文工程管理硕士和英文环境工程管理硕士)** 的合作伙伴关系。这些项目在香港、台北、北京和广州进行了实施。在 2005 年, 这些项目获得了杰出的**港澳澳大利亚企业奖**。

阿奇·约翰斯顿
 工程和信息技术学部
 悉尼大学
 2016年2月