



SCI Seminar:
Where Science meets Business

25 - 27 July 2017

Melbourne Convention and Exhibition Centre, Australia



Tuesday 25 July

Where Science meets business: an international perspective

Session Chair: Dr Richard Thwaites, Chair, SCI Australia International Group

11:00 Global trends in the Chemical Industry and the impact of BREXIT in the UK, Europe and the Rest of the World. The role of the SCI and benefits of membership in a rapidly changing environment
Sharon Todd, CEO, SCI

11:50 Ex-pats for Dummies: how to live and work successfully in different countries and cultures; essential advice for post-docs, executives and their families when posted overseas and returning home!
Len Sharpe, Executive Coaching and Business Consultant, Sharpe Performance

12:25 Does the over-zealous implementation of the precautionary principle inhibit innovation?
Dr Clive Thompson, Chief Scientist, ALS Life Sciences Ltd

13:00 Lunch and networking

Programme

Tuesday 25 July (to be continued)

Where Science meets business: an international perspective

Session Chair: Dr Richard Thwaites, Chair, SCI Australia International Group

13:45 Innovation and Entrepreneurship: the New Zealand perspective
Joanne Lyall, Stakeholder Management Director, Massey University

14:15 Worldwide trends in scientific publishing: how to get papers published and cited
Dr Peter Goelitz & Dr Eva Wille, Editors, Wiley-VCH

14:45 Refreshment break

Where Science Meets business: something to get your teeth into

Session Chair: xxx

15:00 Food for thought – where science meets business in the food industry
Professor Nicolas Georges, Director Food and Agriculture Innovation, Monash University

15:30 Food contamination from packaging materials: an industry problem with an academic solution
Oliver Jones, Associate Professor, Australian Centre for Research on Separation Science, School of Science, RMIT University

16:00 Closing remarks

Programme

Thursday 27 July

Where science meets business: Important practical aspects

Session Chair: Sharon Todd, CEO, SCI

- 10:00** The role of Venture Capitalists in start-ups
Dr Joshua Funder, Investor, GBS Ventures
- 10:45** The benefits of Industry Associations – our role in innovation and promoting science partnerships with business
Bronwyn Capanna, CEO, Accord
- 11:15** Refreshment break

Where science meets business: case studies and war stories

Session Chair: Dr Clive Thompson, ALS Life Sciences Ltd

- 11:30** The Fibrotech Story: from the Laboratory to a Multinational
Spencer Williams, Professor, The University of Melbourne
- 12:00** BCL – 2 Inhibitors – From breakthrough biology to breakthrough drugs
Guillaume Lessene, Associate Professor, Walter & Eliza Hall Institute of Medical Research
- 12:30** A lousy problem solved: Hatchtech, a single treatment for head lice
Vern Bowles, Associate professor, The University of Melbourne
- 13:00** Lunch and networking

Programme

Thursday 27 July (to be continued)

Where science meets business: don't let your intellectual property become lost property

Session Chair: David Wood, Emeritus Professor, University of Melbourne - former President of the RACI

- 14:00** IP creation, protection and preservation: why IP protection is necessary, essential features of good patents, and when to keep IP as a trade secret
Dr Brittany Howard, Patent Attorney, and Dr John Landells, Partner, F B Rice Patent & Trade Mark Attorneys
- 14:25** IP licensing agreements: how to ensure you get the best and fairest deal for your hard work. A look at the rights and responsibilities of licensors and licensees and options for structuring licence fees and royalty payments.
Timothy Creek, Senior Associate/Lawyer, Davies Collison Cave
- 14:50** How to defend your IP and challenge other people's attempts to infringe: techniques to strengthen your position
Dr Annabella Newton, Patent & Trade Marks Attorney, and David Longmuir, Senior Associate/Lawyer, Phillips Ormonde Fitzpatrick Lawyers
- 15:15** Collaborations and Partnerships: Getting IP right
Dr Damien Slizys, Principal, and Dr Milena Dryza, Senior Associate, Freehills Patent Attorneys
- 15:40** Panel Discussion
- 16:00** Closing remarks from the Chair

Programme

Speakers and Chairs



Sharon Todd
SCI, UK

Sharon joined SCI as Executive Director in June 2015 after more than 25 years of senior executive experience in the chemical industry.

She joined Albright & Wilson after completing a degree in chemistry and held

previous roles as Director of Strategy for the ICI Acrylics Business (initially in Everberg, Belgium) and was Executive Vice President for Corporate Development and later Managing Director of the Performance Chemicals Division at Innospec Inc. She has worked with both large corporations and technology start ups.

Sharon is a non-executive director of Chemicals North West, an industry-led, chemical cluster support organisation for the £10 billion north west chemical sector, the largest in the UK. Her roles have consistently focused on supporting innovation-driven growth.

Sharon has diplomas from both the Chartered Institute of Marketing and the Institute of Directors, UK.



Len Sharpe
Sharpe Performance, Australia

Len spent 40 years in business in Australia and Europe, primarily in the chemical industry, including 7 years as Site Director and Country Manager with Solvay in the UK, and 13 years as Sales Manager and Managing Director of Solvay Interlox P/L in Australia.

Len's expertise has been to guide and lead people in creating environments for business growth, change and innovation. He has acquired deep insights into global challenges faced by businesses and their executives and set up his own executive coaching and consultancy company, Sharpe Performance, in January 2016. He now works with business leaders as a mentor, coach and consultant to improve productivity and increase profit by providing solutions and supporting their implementation.

Len has an economics and accounting degree from Macquarie University and a MBA from the University of Technology, Sydney, Australia.



Joanne Lyall
Massey University, New Zealand

After graduating with an MA in Russian from University of Canterbury, New Zealand, Joanne Lyall's career has spanned roles in the public, private, and not-for-profit sectors in New Zealand, Australia, and the UK.

Career highlights include Regional Marketing Manager for Photo-Me International; New Zealand Trade Commissioner based in Sydney and then New Zealand Trade Commissioner to UK and Ireland, based in London; Director of Park Royal Partnership, a business membership regeneration agency in west London.

Joanne was Executive Director of SCI from 2010-2013. She is currently Stakeholder Management Director at Massey University, working to enable more effective engagement with key influencers in government, business and the community to improve reputation, reach and revenue.

Joanne's areas of strength and interest are international trade promotion, marketing and business development, stakeholder engagement, partnership working, and empowering communities of interest to connect and innovate.



Peter Goelitz
Wiley-VCH, Germany

Peter joined Verlag Chemie (now Wiley-VCH) in 1980 to work in the editorial office of *Angewandte Chemie*, a journal of the German Chemical Society (GDCh), and was appointed Editor in 1982. He founded several journals that became mainstream publications under his

leadership, working with learned societies and outstanding scientists such as Nobel Laureates Jean-Marie Lehn and Ryoji Noyori. As a VP and Publishing Director with Wiley-VCH, he currently leads a team that publishes about 25 chemistry journals. He serves as an adviser to the German Chemical Society (GDCh) and is also a member of various professional bodies and committees. He has received numerous awards in recognition of his services to chemistry.

Peter obtained his PhD in Chemistry from the University of Göttingen and is also an honorary Doctor of the University of Basel, Switzerland.



Dr Eva Wille
Wiley-VCH, Germany

Eva studied chemistry at the Ludwig-Maximilians-Universität München, where she received her PhD in 1983 for work supervised by Gerhard Binsch and held various lecturing positions; she performed her postdoctoral work with Dieter

Ziessow at the Technische Universität Berlin. She joined VCH-Verlagsgesellschaft (now Wiley-VCH) in 1985. Since 1988, she has been part of the management of the company which expanded its STMS publishing program vastly during her leadership.

Eva is a board member of many professional bodies, including the Deutsche Fachpresse (German Business Media), where she served as Chair from 2006–2009.



Professor Nicolas Georges
Monash University, Australia

Nicolas joined Monash from Mondelez International where he was the Research Development and Quality Director for the USD\$1.7 Bio Asia Pacific Chocolate category, after performing the same role for the USD\$2 Bio Australia New Zealand

business across all its categories. As part of this role, he headed up one of the largest and most successful food R&D teams in Asia, which included over 100 food innovators. Nicolas has led several organisations, small and large, through major transformational change. Achievements include developing successful talent programs through all levels of the organisation as well as industry leading profitable growth results in several industries. He is extensively experienced across all functions (manufacturing to sales, marketing, strategy and R&D) in FMCG and Retail, including general management and P&L responsibility in both industries.

He graduated from ENSIA, INA P-G (now AgroParisTech) and IMD (International Institute for Management Development), Paris, France.



**Associate Professor Oliver Jones
RMIT University, Australia**

Oliver obtained his PhD from Imperial College London in 2005 for research on the issue of pharmaceutical contamination of wastewater and the receiving aquatic environment.

He undertook postdoctoral work working on a large EU funded project using metabolomics to investigate the toxicology of exposure to complex mixtures of chemicals and joined RMIT in 2012. His group conducts research in analytical methods and technologies, particularly in multidimensional chromatography and NMR, for a range of applications.

Oliver is a chartered chemist, a chartered biologist, and a fellow of the Royal Australian Chemical Institute. He is currently President of the Australian and New Zealand Metabolomics Network and a board member for the International Metabolomics Society. He also serves on the editorial board of RSC Advances and the Journal of Environmental Immunology and Toxicology.



**Dr Joshua Funder
GBS Ventures, Australia**

Joshua has more than 17 years of experience in biotechnology research, management and venture investing.

He has experience as founder, director and chairman of biotechnology companies in Australia and the US, including Proacta Inc,

Infinity Pharmaceuticals (Boston), Spinifex Pharmaceuticals Pty Ltd, Pathway Therapeutics Inc, and Celladon Corp.

He has extensive experience of international venture syndication acquired as a Partner at GBS Venture Partners Limited, a director of GBS investment company Peplin Inc or working with the Boston Consulting Group. In addition, he worked with the Clinton Foundation HIV/AIDS Initiative to successfully negotiate reduced prices for anti-retrovirals and initiate pharmaceutical supplies across eastern and southern Africa.

Joshua holds a Masters of Law (London School of Economics) and a Doctorate of Philosophy in intellectual property for biotechnology from Oxford University, where he studied as a Rhodes Scholar.



Bronwyn Capanna Accord, Australia

Bronwyn is the Executive Director of Accord Australasia, the industry association representing the hygiene, cosmetic and specialty products industry. She has more than 20 years' experience in industry association management and has held

senior positions as a regulatory and technical executive in the not for profit and private sectors (UK and Australia).

Bronwyn was the industry representative on the National Drugs and Poison Scheduling Committee (NDPSC, 1994-2010), the industry expert to the Advisory Committee on Chemicals Scheduling and has been appointed to the Agricultural Pesticides and Veterinary Medicines Authority (APVMA)'s Advisory Board. She continues to be highly engaged in the reform agenda of the industry, being represented on senior stakeholder and consultation bodies of regulatory agencies (the Therapeutic Goods Administration (TGA), the National Industrial Chemicals Notification and Assessment Scheme (NICNAS)).

Bronwyn has a Bachelor of Pharmacy and a Certificate and Advanced Certificate in Association Management.



Professor Spencer Williams University of Melbourne, Australia

Spencer Williams obtained his BSc and PhD at the University of Western Australia (UWA). After his PhD, he undertook postdoctoral work on glycosidase inhibitors (British Columbia, Canada).

He was also a Howard Hughes Medical Institute Fellow of the Life Sciences Research Foundation in the laboratory of Professor Carolyn Bertozzi, based at the University of California, Berkeley. He joined the School of Chemistry at the University of Melbourne in 2002. His current interests include the application of chemical synthesis, and in carbohydrate chemistry, to biological problems of relevance to human health and disease.

Spencer is the recipient of the Grimwade Prize for Industrial Chemistry, the Rennie Memorial Medal, and the David Syme Prize. He has authored over 100 journal articles, 10 patents, 6 book chapters, and a co-authored textbook.

He is a co-founder of Fibrotech Therapeutics (purchased by Shire in 2014) and OccuRx.



**Associate Professor Guillaume Lessene,
WEHI (Walter & Eliza Hall
Institute), Australia**

Guillaume heads the ACRF Chemical Biology Division at the Walter & Eliza Hall Institute of Medical Research, which assembles expertise in medicinal chemistry,

biochemistry and molecular biology; and applies chemical biology approaches to validating therapeutic targets, and elucidating the biological pathways that drive disease. Since moving to WEHI in 2003, his major research focus has been developing small molecules that target the apoptotic and necroptotic cell death pathways. His work on targeting the Bcl-2 family proteins for cancer therapy formed the basis of a major collaboration between WEHI and two biopharmaceuticals, Genentech and AbbVie. For this work, he has been recognised by the RACI and WEHI, where he was awarded the Biota Award in 2009, and the Burnet Prize in 2013.

Guillaume holds a PhD in organic chemistry from the University of Bordeaux, France.



**Professor Vern Bowles
University of Melbourne,
Australia**

Vern is an Associate Professor within the Faculty of Veterinary and Agricultural Sciences at the University of Melbourne, and the founder and Chief Scientific Officer of Hatchtech Pty Ltd, a specialty

pharmaceutical company developing Xeglyze Lotion, a proprietary next generation head lice treatment. The research underpinning the core intellectual property of the Hatchtech technology is the culmination of 15 years of Vern's work. He has devoted a significant proportion of his research career to studying the role of ectoparasite proteases in parasite infections, parasite nutrition and immune evasion in the sheep blowfly. This work has been extended to the role of proteases in egg hatching in head lice and other pests.

Vern completed a Bachelor of Agricultural Science from La Trobe University, Melbourne, Australia (1983), and gained his PhD from the same institution in 1988.



Dr Brittany Howard
FB Rice, Australia

Brittany is a Patent Attorney in the Melbourne Chemistry group with considerable experience in medicinal chemistry, pharmaceuticals, synthetic organic, and inorganic chemistry. Brittany has experience in handling large

patent portfolios for both local clients and multinational pharmaceutical and chemical companies. Through this work, Brittany has gained experience in patent drafting, prosecution, opposition, and term extensions. Brittany also regularly provides freedom-to-operate advice in the pharmaceutical field. She is particularly familiar with patent legislation in Australia, New Zealand, the United States, and Europe.

Brittany has a keen interest in commercialisation strategy and intellectual property asset management.

Brittany has a PhD in medicinal chemistry, and undertakes considerable work in the chemistry industry as a RACI Victorian Committee Secretary and as a contributor to the Chemistry in Australia publication.



Dr John Landells
FB Rice, Australia

John is a Partner in the Melbourne Chemistry group, and is a registered Patent Attorney and Legal Practitioner in Australia and New Zealand. John has extensive experience with patent drafting, prosecution and opposition

across a range of chemical technologies including synthetic organic chemistry, formulation chemistry, polymer and materials chemistry. He is well known for creating IP strategies with high commercial impact for his clients and has provided a valuable interface between Australia's national research organisation CSIRO, and local and international corporations. John thrives on building strong valued connected relationships and developing a great commercial understanding of his clients' businesses to provide value through informed and tailored IP strategy.

John has a PhD in chemistry, a Bachelor of Laws, and is also a Fellow and Elected Counsel member of the Institute of Patent and Trade Mark Attorneys of Australia.



Timothy Creek
Davies Collison Cave, Australia

Tim's practice involves contentious and non-contentious intellectual property law matters, with a focus on commercialisation of IP rights. He is experienced in preparing and negotiating commercial agreements for all intellectual property and related rights

(commercialisation, assignment, licensing and confidentiality agreements). He has also worked as in-house counsel for a government agency where he advised on licensing, distribution and finance arrangements, privacy, corporate law and governance issues.

Tim has acted for clients in patent opposition proceedings before the Australian Patent Office, trade mark opposition proceedings before the Australian Trade Marks Office and patent, trade mark, and design infringement and revocation proceedings, copyright infringement and breach of confidence matters in the Federal Court of Australia. He has represented clients in areas as varied as the telecommunications, medical device, consumer electronics, mining, pharmaceutical industries, and not-for-profit organisations.

Tim has a Bachelor of Commerce and a Bachelor of Law from La Trobe University.



Dr Annabella Newton
Phillips Ormonde Fitzpatrick, Australia

Annabella is a registered patent and trade marks attorney specialising in the chemical sciences, with interest in the strategic role of IP in the commercialisation process. She works with SMEs, global corporations,

start-ups, and individuals. She has experience handling large patent portfolios for multinational companies including prosecution, queries, assignments, licenses and amendments. She also provides infringement and validity, and strategic patenting advice. Annabella is familiar with patent legislation in Australia, New Zealand, the United States, Europe, India, and throughout South East Asia.

Annabella has many years' research experience having worked in academia, industry and for CSIRO. She obtained a PhD, sponsored by AstraZeneca, from the University of Nottingham, UK.

Annabella is a member of the Steering Committees for both the Australian Science & Innovation Forum and Women in Science AUSTRALIA. She is also a past president of the RACI's Women in Chemistry group.



David Longmuir
Phillips Ormonde Fitzpatrick
Lawyers

David began his career with Phillips Ormonde Fitzpatrick Lawyers in 2003 as an articulated clerk. He was subsequently registered as a trade marks attorney in 2006 and a patent attorney in 2007.

David gained First Class Honours in Science through the Department of Paediatrics with a project at the Murdoch Children's Research Institute, and worked for three years as a Research Assistant in the Department of Epidemiology and Preventive Medicine at Monash University.

David works in all areas of intellectual property litigation and has experience in patent, designs, copyright, trade marks and trade practice matters. He has a particular interest in life sciences, and has been involved in major patent litigation in the chemical, biotechnology and pharmaceutical areas.

David also has experience in relation to non-contentious IP work and is involved in opposition matters before the Patent and Trade Marks Office.

He has a Bachelor of Law and a Bachelor of Science from the University of Melbourne.



Dr Damien Slizys
Freehills Patent Attorneys,
Australia

Damian is a registered Australian Patent Attorney and primarily practices in the fields of chemistry and pharmaceuticals. He counsels in areas such as patent strategy and freedom to operate as well

as patent drafting, filing, and prosecution and he has provided both scientific and legal advice in a number of patent litigation matters. Damian acts for several international and Australian clients including drug development companies, universities, research institutes and multi-national pharmaceutical companies. Throughout his career he has represented clients in areas as diverse as biosensors, nanotechnology, molecular modelling, veterinary products, and food technology. He also advised on the patentability of applications directed to new uses and new formulations of known active ingredients.

He has specialised experience in guiding applications through to grant in jurisdictions in the Asia-Pacific region including India and China.

He holds bachelors in Law and Science and PhD (Chemistry) from the University of Melbourne.



Dr Milena Dryza
Freehills Patent Attorneys,
Australia

Milena specialises in IP matters for the pharmaceutical, chemical science and FMCG sectors. She assists leading companies and universities in Australia, New Zealand, the US, Europe, and Canada

with commercially relevant advice and support at all stages of the patent life cycle. This includes providing Freedom to Operate advice, drafting and prosecuting patent applications (both in Australia and overseas), obtaining patent term extensions, and providing pre- and post-grant strategic advice. She is particularly interested, and has extensive experience, in the post-allowance, and post-grant space.

Milena obtained completed a PhD in synthetic organic chemistry, in which she developed novel, stereo-selective routes towards the synthesis of complex natural products.

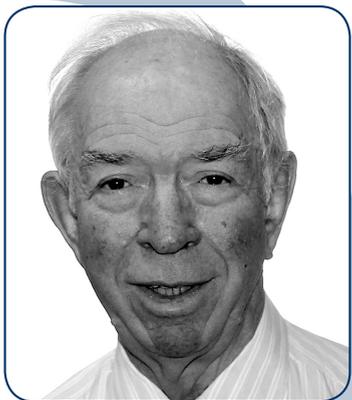


Professor K Clive Thompson
ALS Life Sciences, UK

K Clive is Chief Scientist UK at ALS Life Sciences and a Visiting Professor at Brunel University, London. Before joining ALS Life Sciences, he has worked for companies such as Shandon Southern (designing a wide range of atomic

spectroscopic equipment), Severn Trent Water, Yorkshire Water, ALcontrol Laboratories UK. His interests cover water, environmental and food chemical, microbiological, ecotoxicological, and molecular biological analysis). He is involved with many organisations, including being of fellow of the RSC, of the Chartered Institute of Water and Environmental Management, and a member of the SCI Board of Trustees. He has published more than 50 papers in peer-reviewed journals and co-edited a number of books. He was awarded the SCI Environmental medal for distinguished and sustained achievement in the areas of preservation, improvement or understanding the environment.

He has a degree in chemistry and PhD in analytical chemistry, both from Imperial College, London, UK.



Richard Thwaites
SCI Australia, Australia

After graduating from the University of Oxford (MA, DPhil) in 1967, Richard started working for Albright & Wilson Ltd in London. He moved to Australia in 1970 to take up a range of managerial positions with Albright & Wilson Ltd in

development, production, marketing and general management. Towards the end of his career, he was appointed Business Manager for the Cooperative Research Centre (CRC) for Bioproducts, and Commercialisation Director for the CRC for Industrial Plant Biopolymers. Richard is a Chartered Chemist Member of the Royal Society of Chemistry (RSC) and Fellow of the Royal Australian Chemical Institute.

Richard is currently Chair of the SCI Australia International Group. He chaired the RACI Qualifications and Accreditation Committee from 2003 to 2012 and was President of the RACI Victorian branch from 2012 to 2014.

Richard is currently Treasurer of the Branch and a member of the "Chemistry in Australia" Management Committee.



Professor David Wood
University of Melbourne, Australia

David is an Emeritus Professor and Professorial Fellow of the University of Melbourne. He was Head of Chemical Engineering at the University for 14 years. Under his leadership, the department

grew to become the largest teaching and research chemical engineering department in Australia. David was responsible for the reorganisation of the IChemE in Australia and was a founder member of the Federation of Chemical Engineering in Australia and New Zealand. He is a former President of the World Chemical Engineering Council (2008-2012) and of the Royal Australian Chemical Institute (RACI). He is also a Fellow of the RSC and a member of the Society of Chemical Industry.

Since his retirement from the University of Melbourne, David has undertaken active consultancies for Shell, ExxonMobil, Gane Energy P/L and the Commonwealth Government of Australia.

He has been awarded an Honorary Bachelor's degree and Honorary Doctorate (University of Surrey) and an Honorary Doctorate (University of Melbourne).



© SCI, 14-15 Belgrave Square, London, SW1X 8PS
T: +44 (0) 20 7598 1570
E: communications@soci.org
W: www.soci.org

