



veski kickstart
event program

Insights and Pathways from Academia to Industry

Professional Development Session
delivered for the ARC Centre of Excellence
Future Low-energy Electronics Technologies

Wollongong Innovation Campus
Squires Way, North Wollongong NSW 2500
Thursday, 7 July 2022



@veskiorg
#veski



veski kickstart Covid-safe measures

With the **veski** kickstart event as part of the ARC Centre of Excellence Future Low-energy Electronics Technologies (FLEET) annual workshop, to be delivered on Thursday, 7 July 2022, we have implemented a few additional COVID-19 safe measures to minimise risks as much as we can.

Your attendance at the **veski** kickstart will be confirmation you have read and understood the below;

- **If you are unwell or showing any signs and symptoms of COVID-19, please do not attend;**
- **If you are required to self-isolate or have been diagnosed with COVID-19, please do not attend; and**
- **Practice social distancing during the afternoon as best as possible and avoid any direct physical contact with others.**

To ensure your safety:

1. **Consider taking a RAT prior to attending the workshop.**
2. **Hand sanitising on arrival & maintain hand hygiene.**
3. **Mask wearing throughout the session.**
4. **Networking to be conducted around tables (standing behind your seat) with no movement of FLEET researchers, with Industry Representatives to rotate at the allocated times.**
5. **No handshaking, no business cards.**



Insights and Pathways from Academia to Industry

Order of Proceedings

- | | |
|---------|--|
| 1:50 pm | <p>Welcome by Dr Tich-Lam Nguyen,
Chief Operating Officer,
ARC CoE Future Low-energy Electronics Technologies</p> <p>Session overview by Sally Roberts
Fellowships Coordinator, veski</p> |
| 2:00 pm | <p>Workshop - Part 1
with Career Coaches Julie Ferris & Elizabeth Fish</p> |
| 3:00 pm | <p>Afternoon tea with Industry Representatives</p> |
| 3:15 am | <p>Panel discussion
Facilitated by Rebecca Jensen,
Director People Advisory Services, EY</p> |
| 3:45 pm | <p>Workshop - Part 2
with Career Coaches Julie Ferris & Elizabeth Fish</p> |
| 4:30 pm | <p>Networking with Industry Representatives (2 rotations)</p> |
| 5:10pm | <p>Closing remarks</p> |
| 5:15 pm | <p>Free networking</p> |
| 5.30pm | <p>Event close</p> |

veski is delighted to be delivering veski kickstart for the ARC Centre of Excellence Future Low-energy Electronics Technologies (FLEET). The session will provide a tailored professional development activity bringing in specialists and representatives from industry, academia & business to engage with you at the session.

This half-day program will comprise of four distinct activities:

1. Workshop - Part 1 [1 hour]

Development of a value proposition and personal brand statement positioned for a potential career in industry.

Structure, format and content of a resume, including profile & achievement statements for those seeking an industry or non-academic career path.

2. Panel Session [30 min]

A facilitated conversation on Changing Direction: understanding and positioning your skills.

3. Workshop - Part 2 [45 min]

Job search strategies with a focus on effective networking. Providing an understanding of the various channels to market including advertised roles, recruitment and search agencies, the hidden job market and the effectiveness of networking in the current market.

4. Networking with Industry Representatives [1 hour]

A unique opportunity for FLEET's early career researchers in attendance to be part of an informal conversation with industry representatives.

workshop facilitators

Julie Ferris

Executive Coach, Career Consultant, Master Facilitator



A dynamic and commercially astute Career Coach and HR Executive with an extensive background in business, organisational change and resilience and executive coaching. More than 15 years' experience in coaching clients across industry including higher education, health and pharmaceutical, engineering, financial services and public sector including CBA, HSBC, Suncorp, QBE, Astra Zeneca, MSD, GSK, ResMed, Cochlear, LendLease, University of Technology, University of Newcastle, University of Sydney, AINSE, ANSTO and a number of public sector agencies. Coaches clients to reflect and develop their personal and career goals, supports each client in developing effective plans, coaches through implementation to achieve successful outcomes. Expertise developing career transition and development programs including content for training and the facilitation of webinars and workshops to global clients.

Deep change and resilience knowledge, assisting clients to embrace and lead positive change in organisations. Confident and composed style, moving seamlessly from strategic thinking, to transformation and operational efficiencies. Extensive experience in mergers and acquisitions including the implementation of remuneration, leadership, graduate and change management frameworks within organisations. Engages with clients, quickly building a rapport based on trust.

Elizabeth Fish

Executive Coach, Career & Leadership Development Career Transition



Elizabeth Fish has over 20 years extensive experience in Career Transition and Development, Career Coaching, and Leadership Development, in the educational sector in Australia, blue chip multinationals, the public sector and in a range of consulting environments. She has held senior HR management roles in the Finance and Professional Services industries and has consulted to a wide range of companies in the Pharmaceutical, Health, Biotech, Manufacturing, Education, Resources and Service sectors.

Elizabeth has designed, implemented and managed large scale national Career Transition projects, delivered Senior Executive Career Transition programs and Recruitment and Selection programs for the public and private sectors. Elizabeth is a highly experienced career coach from Senior Executives to technical experts to general staff levels. Her experience ranges from various government departments including Australia's largest downsizing project with the Department of Administrative Services (6,000 staff impacted) to multinationals such as AMP, ResMed, Pfizer, Cochlear, and Tertiary sector with University of Sydney, University of Newcastle & University of Technology, Sydney (UTS) AINSE and ANSTO.

Assisting clients meet a range of people challenges, Elizabeth has implemented national performance career benchmarking programs and implemented strategies and programs in the areas of succession planning, talent retention, performance management, career development, job evaluation and remuneration planning.

Branding Questions

In preparation for the **veski** kickstart workshop, our facilitators have posed the following questions for you to reflect upon prior to the session:

What makes me stand out from my peers?

Think of three things that come to mind.

Who needs to know me so I can reach my goals?

You need to be clear about whom you're seeking to influence. Who do you need to target? All of the personal branding activities on which you'll embark will be directed at this target group. Get clear about your brand community.

What is my ultimate career goal?

All great planning – including your personal branding strategy – starts with the end in mind. Knowing where you want to go with your career will point you in the right direction when you start implementing brand-building activities. If you are unclear about what you want to do, you are not setting yourself up for success.

Who makes up my support system?

Strong personal brands don't go it alone. They have a community of mentors, sounding boards, emotional support friends, etc. to help them get clear, stay positive, make impactful decisions and ultimately achieve their goals. The digital age has made it easier than ever to grow a strong support system.

What is my why?

We are all focused on what we do, and some of us are clear about how we do what we do – what makes your approach different.

But few people are really clear about their underlying motivating factors that can help you accelerate your career. When you have the “why” – your potent purpose defined – you have a sense of direction and a way of knowing what to pursue and what to ignore. When you're clear about the answers to all those questions, you have what you need to build a strong, authentic, and **compelling personal brand**.



Industry Representatives

Dr Nadia Court, University of Sydney

Michelle Durant, AINSE Ltd.

Matt Ford, Phillips Ormonde Fitzpatrick

Paul Giusti, IBM Consulting

Dr Jan Gluschke, Commonwealth Bank Australia

Paul Goodall, Phillips Ormonde Fitzpatrick

Dr Michael Harvey, FLEET

Dr Shaira Ismail, PwC

Rebecca Jensen, EY

Pamela Meers, Kiah Consulting

Dr Marika Kieferova, Google

Professor Jim Rabeau, CSIRO

Panellists

Dr Nadia Court

Technical Director, Research & Prototype Foundry, University of Sydney

Nadia is currently the Technical Director of the Research and Prototype Foundry, the University of Sydney's micro- and nano-fabrication user facility which is part of the NSW Node of the Australian National Fabrication Facility.



Nadia received her BSc in 2002 and her PhD in 2008, both from UNSW. Her PhD with the ARC Centre of Excellence for Quantum Computer Technology at UNSW focussed on quasiparticle statistics in aluminium-based superconducting devices. During this time, Nadia gained significant expertise in nanofabrication and developed a number of new fabrication technologies relevant to her research project. Following a short postdoc at UNSW, Nadia took up a position in the BAE Systems Advanced Research Centre in Bristol, UK. Here her research focussed on novel printed electronics and optical communication technologies for defence platforms. In 2012, Nadia returned to UNSW where she joined the NSW node of the Australian National Fabrication Facility as a Process Engineer and later as the Facility Projects Manager. Nadia joined the University of Sydney in her current role in 2017.

Nadia will take up a role as the inaugural Director of the recently announced Semiconductor Sector Service Bureau (S3B) later this month.

Dr Jan Gluschke

Associate Data Scientist, AI Labs, Commonwealth Bank Australia

Jan is an Associate Data Scientist at the Commonwealth Bank of Australia. Jan obtained a bachelor's and master's degree in physics from the University of Hamburg, Germany with a master's thesis at Lund University in Sweden.



He completed his Ph.D. in the Nanoelectronics Group at UNSW in 2017 and continued his work as a postdoc in the same group until January 2022. His research focussed on semiconductor nanostructures with applications in thermoelectrics, nanoelectronics, quantum computing, and bio sensing. In February 2022, Jan joined the AI Labs team at CBA as an Associate Data Scientist. The group focuses on developing cutting edge artificial intelligence solutions for a wide range of applications within the organisation.

Dr Michael Harvey

Translation Program Manager, FLEET

Michael has a PhD in physics and spent the next fifteen years founding and running deep-tech startups in optics and materials science for solar energy, LED, and semiconductor manufacturing. During this time, he lived and worked extensively in Silicon Valley, Europe, the UK, China, and Taiwan.

In the last three years Michael has been interested in helping workers in quantum science to translate and commercialise their research, initially as an advisor and mentor, before joining the Centre for Engineered Quantum Systems to build their Translational Research Program, and more recently helping FLEET to establish its FLEET Translation Program. Over his career so far Michael has hired ~120 scientists and engineers, with about half of those having PhDs.



Panellists

Dr Shaira Ismail

Senior Manager, Transformation Assurance at PwC Australia

Shaira completed her PhD in Biomaterials Engineering in conjunction with the CSIRO and ASDM (Australian Surgical Device Manufacturers). She then proceeded to develop her business and professional skills joining KPMG as a graduate in the Research and Development (R&D) Advisory Group. Over her 9 years in R&D Advisory, Shaira developed a strong client base within the engineering and IT space and led the establishment of an R&D Advisory team in KPMG's new Parramatta office whilst working towards acquiring her Chartered Accounting certification.

Shaira then spent 2 more years with KPMG's Tax Transformation team where she leveraged her project management and business development experience to help grow this new business line. Shaira then transitioned to PwC in a National Team Lead role within the Pursuit Management space where she worked to train and support PwC client teams to pursue large scale projects for the government sector, as well as large private and public corporate clients. Most recently, Shaira has transitioned into PwC's Transformation Assurance team supporting the Program Development Office function for the Dept. of Health's Covid-19 Vaccine Taskforce.



Professor Jim Rabeau

Director, Quantum Technologies, CSIRO

Jim has been leading the Quantum Technologies Future Science Platform at CSIRO since its inception in September 2021. Prior to this he was a Professor in the School of Physics and Deputy Director at University of Sydney Nano Institute. He has spent several years working in industry, most recently as program manager at Microsoft Quantum Computing. He has led the strategy unit at Macquarie University and was a Director at Deloitte in the Data Analytics practice.

His career has been equally distributed between research and industry including as CEO of start-up company LuciGem.

In his current role at CSIRO, Jim's focus is on establishing a large, multi-disciplinary quantum research program operating across all of CSIRO's business units and deeply connected with Academia, Government and commercial organisations.



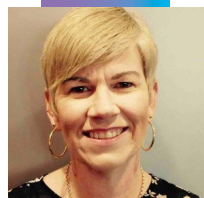
Panel Facilitator:

Rebecca Jensen

Director of People Advisory Services, EY

Rebecca is a Director in EY's Canberra People Advisory Practice. Rebecca commenced her career as a graduate with the Australian Taxation Office. Whilst initially starting out in tax law Rebecca spent most of her 20 years with the ATO working in design, strategic communication, human resource and change management. Since moving to the private sector Rebecca continues to work with organisations on addressing their workforce challenges.

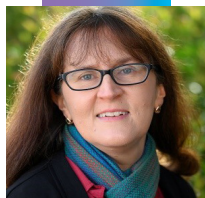
Describing herself as people person with a head for numbers, Rebecca has led several large-scale business transformation initiatives undertaken by government departments. More recently she has been working closely with the national security community helping them attract and retain their cyber workforces as well as developing strategies to improve cyber security awareness and literacy of their workforces. In her spare time, Rebecca and her husband are establishing a small farm and are registered sheep breeders with a small flock of Southdown 'Babydolls'.



Industry Representatives

Michelle Durant

Managing Director, AINSE Ltd.



Michelle has a wide range of STEM leadership experience working both nationally and internationally. Michelle commenced her role as Managing Director of AINSE in April 2016. Michelle has led AINSE in maintaining and diversifying memberships, expanding programs and developing new strategic directions to maximise benefits for members. AINSE has membership from ANSTO, CSIRO, forty-one universities and a number of individuals. Since 1958, AINSE has played a vital role in sustaining a unique and enduring research partnership between ANSTO, universities across Australia and New Zealand.

Matt Ford

Patent Attorney, Phillips Ormonde Fitzpatrick



Matt is a registered Australian and New Zealand patent attorney with a background in physics and photonics. He helps clients identify and protect their valuable intellectual property in the fields of physics, electrical engineering, software, optics, electronics and medtech.

His clients range from small startups to multinational corporations but his real passion is helping small clients. In early stage ventures, prior to product development, intellectual property can represent the primary value of a company. However, much of this value can go unused if not identified. He helps clients to identify their intellectual property and find ways of commercialising it.

Paul Giusti

Senior Partner, IBM Consulting



25 years of Business and Technology experience, 14 years as a client facing Partner, advising, leading, and managing successful business and technology outcomes.

Extensive international experience including leadership roles in London (UK), California (USA), New York (USA), The Netherlands (Europe) and Singapore (Asia Pacific).

Paul is at the forefront of business and technology transformation working across a broad set of industry groups in Australia & New Zealand leading a team of consultants that manage some of our industries most complex technology problems. Paul advises senior leaders to break through the institutional, organisational, technological and cultural barriers to accelerate their own business transformation – seeking new revenue opportunities and/or operational efficiencies throughout the business.

Paul is a graduate of the University of Wollongong, has a Masters of Business from the University of Technology, Sydney and attended Oxford University, Saïd Business School (UK) and completed studies in Strategy & Innovation.

Paul Goodall

Patent Attorney, Phillips Ormonde Fitzpatrick



Paul has seven years of experience working in the engineering field. Following his graduation in electrical engineering from the University of New South Wales, Paul pursued a Master's Degree in Wireless Engineering from the University of Sydney.

During his career, he predominately focussed on electronics and telecommunications engineering, working on a variety of different engineering projects ranging from satellite systems to developing the electrical systems on the Deepsea Challenger submarine which was successfully sent to the Mariana Trench in 2012.

After a career change, Paul started his career in Intellectual Property (IP) in 2016, with a large patent attorney firm in Sydney. His hands on experience developed from his career in engineering, has allowed him to grasp complex ideas related to electrical and mechanical engineering inventions.

Industry Representatives

Pamela Meers

Principal Consultant, Kiah Consulting

Pam Meers is an experienced senior HSER (health, safety, environment and risk) leader and practitioner with over 25 years' experience in the oil industry, including roles in manufacturing, fuel supply chain operations and operational excellence.

Pam started her career as a refinery chemist and transitioned into environmental science roles and more recently into senior management roles leading HSER performance outcomes for large and complex organisations, including Caltex and the Department of Defence.

Her experience includes environmental planning, process safety management, organisational risk management, design and implementation of personal and behavioural safety programs, operational excellence management systems, delivery of technical and safety training programs, incident management, environment protection, legislative compliance, and governance management.



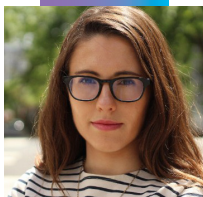
Dr Marika Kieferova

Researcher, Google Quantum AI

Marika represents Google Quantum AI in Australia. In her academic career, she is a Sydney Quantum Academy fellow & a Lecturer at the University of Technology Sydney.

Marika has over ten years of experience working on quantum algorithms, starting from her undergraduate studies at Comenius University in Slovakia. She obtained her PhD from The Institute for Quantum Computing, University of Waterloo, and Macquarie University. Her thesis was awarded the Person medal and IQC Achievement Award. Throughout her studies, she undertook internships at Microsoft Research and Zapata Computing.

At UTS, Marika is exploring the boundary between quantum and classical algorithms for machine learning. She is also affiliated with the ARC Centre of Excellence for Quantum Computation and Communication Technology and serves on the editorial board of the IOP journal Quantum Science and Technology.



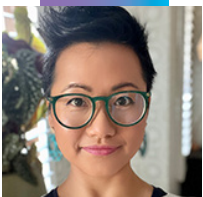
Welcome provided by:

Dr Tich-Lam Nguyen

Chief Operating Officer, FLEET

Making a difference is my mantra! What excites me is innovative collaborations and connecting expertise to create impactful opportunities. I hold a PhD in Chemistry and a Master of Management. I have 15 years of experience in the higher education sector as a research centre manager and a researcher in Nanoscience.

As Chief Operating Officer of FLEET, ARC Centre of Excellence in Future Low-Energy Electronics Technologies, I'm responsible for the research Centre's financial and operational effectiveness and the oversight of activities contributing to the development and delivery of its strategic goals. What I enjoy most in my job is working amongst brilliant scientists and really bright students who are passionate about finding a sustainable solution for the energy challenge.





veski kickstart program

The **veski** kickstart program provides a unique opportunity to build connections between students and industry, academia and business sectors to foster conversations, introductions and provide candidates with professional development to assist career progression.

veski's key focus is to ensure existing researchers and innovators are business ready by:

- providing training and awareness of enterprise skills;
- connecting them to industry; and
- ensuring they remain relevant and prepared for career progression..

veski kickstart sessions provide STEM Masters, PhD and early-career researchers, from across Australian Universities, the opportunity to engage and learn from sector leaders who provide insight into career paths; how to manage expectations; assist in developing key skills to aid career progression, and how to navigate differing cultural environments.

The program has evolved since it was first introduced to include panel discussions and presentations with practical tips and workshops allowing students to put the knowledge and skills they have gained into practise.

The series also includes popular breakout sessions where students have the opportunity to speak with leaders across sectors in managed networking groups.

The **veski** kickstart events are part of the **veski** skills, training & education component of our proactive outreach activities - to ensure Australia continues to foster innovative thinking, build capacity in all aspects of our workforce including enterprise skills to capitalise on its investment in educating great minds - by providing them with opportunities to contribute and sustain dynamic careers.

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