Boosting Women in STEM
Strengthening educational pathways and job readiness

28th – 30th September 2016
Sir Stamford Circular Quay, Sydney

Confirmed Speakers:

Deborah H. Urbanski
Director, Office of Equal Opportunity and Diversity
Johnson Space Centre, NASA, USA

Rostyn Prinsley
National Adviser, Mathematics and Science Education and Industry
Office of the Chief Scientist

Vicki Thomson
Chief Executive Officer
Group of Eight

Amanda Dobbie
Chief Executive Officer
Women in Banking and Finance

Norman Gray
Chief Executive Officer
Box Hill Institute

Libby Lyons
Director
Workplace Gender Equality Agency

Gavin Fox-Smith
Managing Director
Johnson and Johnson Medical Devices
Chairman
Medical Technology Association of Australia

Professor
Barbara Messerle
Acting Vice-Chancellor
Macquarie University

Gemma Lloyd
Secretary
Diversity Practitioners Association
Director and Co-founder
Diverse City Careers

Professor
Deborah H. Urbanski
Director, Office of Equal Opportunity and Diversity
Johnson Space Centre, NASA, USA

Judy Raper
Deputy Vice-Chancellor,
Learning and Teaching
Queensland University of Technology (QUT)

Liz Jakubowski
Deputy Vice-Chancellor,
Research and Innovation
University of Wollongong

Why you should attend:

- Strengthen links between tertiary education and industry
- Increase female enrolments in STEM courses
- Learn how to ensure female STEM graduates gain sustainable employment
- Develop a long term sustainable female talent pool for STEM industries
- Prepare women to succeed in male-dominated environments

Advisory Panel:

Francesca Calati
Director, Outreach Programs
La Trobe University
Recipient
Prime Minister’s Prize for Excellence

Gemma Lloyd
Secretary
Diversity Practitioners Association
Director and Co-founder
Diverse City Careers

Zoe Piper
Manager
Productivity Unit,
Australian Chamber of Commerce and Industry
Co-founder
Ecolour

Tegan Dowler
Founder
The Blue Collared Woman
Treasurer
Diversity Practitioners Association

Liz Jakubowski
Director, RIBIT
CSIRO

Gemma Lloyd
Secretary
Diversity Practitioners Association
Director and Co-founder
Diverse City Careers

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CONFERENCE DAY ONE | WEDNESDAY, 28TH SEPTEMBER 2016

1:20  PANEL DISCUSSION
Enticing and retaining women in STEM industries
- Addressing female underrepresentation in engineering, information technology and sciences
- Demonstrating career possibilities beyond well-known professions
- How women in these careers succeed
Panellists:
Jane Baker, President, Australian Federation of Graduate Women
Francesca Calati, Director, Outreach Programs, La Trobe University, Recipient, Prime Minister’s Prize for Excellence
Fi Shewring, President, Supporting and Linking Tradeswomen

2:00  Cultivating high possibility learning spaces
- Increasing pathway and offering scholarships to widen participation of targeted groups
- Providing professional development and training opportunities for STEM teachers
- Opening doors and engaging with STEM-related professions through industry talks and projects
Professor Suzi Derbyshire, Deputy Vice-Chancellor, Learning and Teaching, QUT

2:40  Afternoon refreshments

3:10  INTERNATIONAL KEYNOTE
The NASA Commitment to diversity and equal opportunity
- Journeying beyond Earth’s orbit with a diverse team
- Advancing NASA’s efforts to be a model agency for equal employment opportunities
- Engaging the agency in proactive equal opportunity and diversity-inclusion initiatives
Deborah H. Urbanski, Director, Office of Equal Opportunity and Diversity, Johnson Space Centre, NASA, USA

3:50  Strategising to overcome unconscious bias and enabling women to thrive in STEM industries
- Understanding society’s perception of women and STEM
- Recognising conscious and subconscious bias and how this affects career progression
- Developing practices to mitigate bias thinking and creating equal opportunities
Gemma Lloyd, Director, Co-Founder, Diverse City Careers

4:30  Try-a-trade: An initiative to integrate women in male-dominated areas
- Ensuring career acquisition through practical hands-on training
- Encouraging women and girls to consider a career in a trade
- Equipping women with the tools to break into the industry
Fi Shewring, President, Supporting and Linking Tradeswomen

5:10  Closing remarks from the Chair and end of day one

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16% of STEM qualified professionals in Australia are women
- Office of the Chief Scientist

More than half of women who enter STEM fields leave them within a decade
- Society of Women Engineers

31% of surveyed Australian women in STEM professions expect to leave their job in the next five years
- Professionals Australia

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CONFERENCE DAY TWO | THURSDAY, 29TH SEPTEMBER 2016

12:20 Networking luncheon

Exploring employment opportunities for female STEM graduates

1:20 Securing female STEM graduate employment
- RIBIT – Australia’s first student-only job service
- Linking tertiary education with relevant industries
- Ensuring graduates are connected to appropriate workplaces
Liz Jakubowski, Director, RIBIT, CSIRO

2:00 Afternoon refreshments

2:30 Ensuring accessible opportunities for women in STEM
- Committing all organisational branches to confronting a multi-dimensional issue
- mCircles - a platform for female professionals to receive constructive advice for career growth
- Designing strategies which support gender equality through recruitment, retention and succession planning
Helen Fraser, Director, Human Resources, AECOM Australia & New Zealand

3:10 How to drive women into rewarding and sustainable STEM careers
- Supporting the professional development of women and retention of industry skills
- Providing intensive coaching for emerging female leaders to grow
- Streamlining key elements when building a career pathway for success
Amanda Dobbie, Chief Executive Officer, Women in Banking and Finance

3:50 Roundtable and Conference Communique Session
This interactive roundtable session will engage all delegates to share their learnings across the two days of discussion, in particular, strategies to boost female engagement in STEM industries. The findings will be summarized into a conference communique. Take part, share your take-home lessons from the conference and have your say on the future of the movement to increase women in STEM.

4:30 Closing remarks from the Chair and end of the conference

POST-CONFERENCE WORKSHOPS | FRIDAY, 30TH SEPTEMBER 2016

9.00AM – 12.00PM • WORKSHOP A
How to prepare women for succeeding in male-dominated industries

Based on real life experiences and complimented by academic research, this workshop provides attendees with strategies to ensure women pursuing a career in STEM succeed and make a positive and sustained change across the engineering, construction and resource industries.

Attendees will gain:
- Recommendations on how to overcome challenges faced by women in STEM industries
- Strategies on how to navigate the cultures of male industries at different levels
- Insights on the experience of women working in traditionally masculine industries
- Insights on male behaviour, motivators and group dynamics to gain a better understanding of the cultural and social norms within the industries

Facilitator:
Teagan Dowler
Founder, The Blue Collared Woman

1.00PM – 4.00PM • WORKSHOP B
Engaging in cross-sector collaboration to boost women in STEM

Cross-sector partnerships help break down silos and create solutions for a shared problem. In this interactive workshop, learn how to build connections between tertiary education providers and industry employers to facilitate the transition of female STEM students from the classroom to the workplace. Cross-sector collaboration ensures that the best and brightest minds are able to actively contribute to the STEM sector.

Attendees will:
- Learn how to work towards a shared goal and a common cause
- Develop a smoother pathway from education to employment
- Gain strategies to address inter-related issues
- Create more efficient cross-sector communication methods
- Acquire ways to identify the most beneficial organisations to partner with

Facilitator:
Zoe Piper
Manager, Productivity Unit, Australian Chamber of Commerce and Industry, and Co-founder, Ecolour

9:00  Registration opens
9:00  Opening remarks from the Chair
Norman Gray, Chief Executive Officer, Box Hill Institute

TOOLS TO EMPOWER WOMEN IN STEM SETTINGS

9:10 KEYNOTE
Developing pragmatic platforms to ensure women succeed in STEM industries

- Providing targeted support to the next generation of women STEM leaders
- Collaborating with tertiary institutions and diversifying the STEM graduate pool
- Developing best professional practices to attract and retain top technical talent
Gavin Fox-Smith, Managing Director, Johnson and Johnson Medical, and Governor, American Chamber of Commerce

9:50 Mentoring for success

- Empowering women enrolled in male-dominated programs
- Tailoring support based on the needs of the student
- Exploring different mentoring platforms – meetings, email, and phone
Norman Gray, Chief Executive Officer, Box Hill Institute

10:30 Morning refreshments

11:00 World Café
Delegates will rotate among tables with assigned facilitators, with each set table discussing a different topic.

1. Exploring the most effective initiatives to retain women in STEM
Facilitator: Norman Gray, Chief Executive Officer, Box Hill Institute

2. Transitioning personal strengths from tertiary education to employment
Facilitator: Amanda Dobbie, Chief Executive Officer, Women in Banking and Finance

3. Strategies for matching women with prospective employers
Facilitator: Liz Jakubowski, Director, RIBIT, CSIRO, and Director, Government Relations, National ICT Australia

11:40 Reinventing workplace ethos to maximise female engagement

- Committing to a culture of ‘fearless behaviour’ and enabling diversity and inclusion
- Focusing on comprehensive inclusion to drive female participation
- Embedding diversity throughout your organisation
Kaaren Koomen, Director, Government and Regulatory, IBM Australia

12:00 Lunch and Networking

12:20 Networking luncheon

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REGISTRATION FORM — HUM46

REGISTRATION FEE
ALL PRICES ARE EXCLUDING GST

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SAVE! Choose between:

1. **EARLY BIRD DISCOUNT.** Register and pay by a deadline indicated above to achieve up to 20% SAVINGS on the Standard Rate. Registrations received without payment are ineligible for an Early Bird Discount and will be charged at the Standard Rate.

2. **TEAM DISCOUNT.**
   (i) Register 3 delegates and receive 15% DISCOUNT off the standard price
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All group registrations must be from the same company, at the same time and for the same event.
Registrants must choose between the most advantageous discount option.
Only one discount scheme applies

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- [ ] CHEQUE: Please make out cheque to Akolade Pty Limited. Please quote HUM46 on the cheque.
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Phone: 61 2 9247 1522
Fax: 61 2 9247 6333
Email: sales@akolade.com.au
Online: www.akolade.com.au

Mail: Akolade Pty Ltd
Level 11, 155 Castlereagh Street, Sydney, NSW 2000
Australia

DATES & VENUE

SYDNEY
28th – 30th September 2016
Sir Stamford Circular Quay, Sydney
93 Macquarie Street,
Sydney NSW 2010
Australia
+61 2 9252 4600

PO BOX/STREET ADDRESS
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