

8:00am - 8:40am	REGISTRATIONS & COMMUNITY EXPO   Foyer & Ground Floor, Sidney Myer Asia Centre (SMAC)					
8:50am - 9:00am	Carillo Gantner Theatre, Basement, Sidney Myer Asia Centre WELCOME TO COUNTRY					
9:00am - 9:10am	PRESIDENT'S WELCOME: Ms. Alexandra Abela, STAV President					
9:10am - 10:10am	KEYNOTE ADDRESS: Dr. Charis Teh Mass cytometry (CyTOF) technology captures the cellular gymnastics of survival and killer proteins in blood cancers					
10:10am - 10:40am	MORNING TEA AND COMMUNITY EXPO   Ground Floor, Sidney Myer Asia Centre					
10:45am - 11:15am	Carillo Gantner Theatre, Basement, Sidney Myer Asia Centre VCAA UPDATE: Ms. Erin Wilson					
11:20am - 12:20pm	MEET THE CHIEF ASSESSORS: Mr. Simon Maaser & Ms. Libby Dean					
12:30pm - 1:15pm	SESSION BLOCK A					
	RMG01, SMAC  The Science of Us - Measuring humans using Vernier Data  Mr. Stuart Lewis	RMG02, SMAC  BIOZONE: Showcase their NEW Digital Platform and latest Editions  Mr. Richard Allan	RMG07, SMAC  Plants for Space - Creating Sustainable Plants, Processes, Products for surviving and thriving on and off Earth habitation  Dr. Frazer Thorpe	RMG06, SMAC (Hybrid)  Engaging Students in VCE Biology: Activities, Simulations and Practicals  Ms. Claire Stanner	RM113, SMAC  Taking the story of Mungo into your classroom - Looking back. Looking forward.  Mrs. Lisa Moloney	
1:15pm - 2:20pm	LUNCH BREAK AND COMMUNITY EXPO   Ground Floor, Sidney Myer Asia Centre					
2:20pm - 3:05pm	SESSION BLOCK B					
	RMG07, SMAC  How can I be creative with assessments?  Ms. Erin Wilson & Dr. Lucy Cassar	RMG06, SMAC (Hybrid)  VCE Unit 2: Genetics - The Easy Way with First-Hand Data  Mr. Michael O'Brien	RMG01, SMAC  BioBrain: Engage, empower and educate your students in VCE Biology  Ms. Caroline Cotton	EXTERNAL  Melbourne Zoo Tour - Unit 4 AOS 2 at the Zoo: Primate Evolution  Ms. Alicia Hewes & Mr. Geriant Stirling	EXTERNAL  Discovery Tour of WEHI  Ms. Jodie Hemingway	
3:15pm - 4:00pm	SESSION BLOCK C					
	RMG07, SMAC  VCE Unit 3: DNA Manipulation Resources  Mr. Michael O'Brien	RMG06, SMAC (Hybrid)  Using feedback and metacognition for ongoing exams  Mrs. Sacha O'Connor & Ms. Deborah Taylor	RMG01, SMAC  Scientific investigations in Biology  Ms. Caroline Cotton	EXTERNAL  Melbourne Zoo Tour - Unit 4 AOS 2 at the Zoo: Primate Evolution CONTINUED  Ms. Alicia Hewes & Mr. Geriant Stirling	EXTERNAL  Discovery Tour of WEHI CONTINUED  Ms. Jodie Hemingway	
4.00pm - 5:00pm	AFTERNOON TEA & COMMUNITY EXPO					

# PHYSICS

18th February 2025

**ENGAGE EDUCATE EMPOWER**

# 2025 VCE CONFERENCE SERIES

8:00am - 8:40am	REGISTRATIONS & COMMUNITY EXPO   Foyer & Ground Floor, Sidney Myer Asia Centre (SMAC)					
9:00am - 9:10am	Carillo Gantner Theatre, Basement, Sidney Myer Asia Centre ACKNOWLEDGEMENT OF COUNTRY & PRESIDENT'S WELCOME: Ms. Alexandra Abela, STAV President					
9:10am - 10:10am	KEYNOTE ADDRESS: Prof. Matthew Bailes Using virtual worlds to stimulate and inspire STEM adoption					
10:10am - 10:40am	MORNING TEA AND COMMUNITY EXPO   Foyer & Ground Floor, Sidney Myer Asia Centre					
10:45am - 11:15am	Carillo Gantner Theatre, Basement, Sidney Myer Asia Centre VCAA UPDATE: Mrs. Maria James					
11:20am - 12:20pm	MEET THE CHIEF ASSESSORS: Mr. Andrew Hansen					
12:30pm - 1:15pm	SESSION BLOCK A					
	<b>RMG01, SMAC</b>  Physics Playground - Exploring High School Physics  Mr. Stuart Lewis	<b>RMG07, SMAC</b>  Pulsars, Black Holes and Gravitational Waves: Contemporary Topics, Innovative Classroom Ideas  Ms. Jackie Bondell	<b>RMG06, SMAC (Hybrid)</b>  Lessons Learnt from failing a VCAA Audit.  Ms. Catherine Bellair	<b>RMG02, SMAC</b>  Unpacking VCE Units 3 and 4 assessment tasks: from pitfalls to success  Mrs. Maria James		
1:15pm - 2:00pm	LUNCH BREAK AND COMMUNITY EXPO   Foyer & Ground Floor, Sidney Myer Asia Centre					
2:10pm - 2:55pm	SESSION BLOCK B					
	<b>RMG06, SMAC (Hybrid)</b>  Making First Nations perspectives more than just an option  Mrs. Lisa Moloney	<b>RMG07, SMAC</b>  How to solve physics problems  Mr. Yuriy Verkhatsky	<b>CHEMISTRY LAB</b>  Exploring flight principles through the construction, testing and modifying of boomerangs. A hands-on workshop.  Mr. Rodney Clarke	<b>EXTERNAL</b>  Tour of the School of Engineering, The University of Melbourne		
3:05pm - 3:50pm	SESSION BLOCK C					
	<b>RMG06, SMAC (Hybrid)</b>  DIRTSCAN - A Scaffolded Problem-Solving Strategy  Mr. Dino Cevolatti & Mr. Stuart Bird	<b>RMG07, SMAC</b>  How to solve physics problems  Mr. Yuriy Verkhatsky	<b>CHEMISTRY LAB</b>  Exploring flight principles through the construction, testing and modifying of boomerangs. A hands-on workshop.  Mr. Rodney Clarke	<b>EXTERNAL</b>  Tour of the School of Engineering, The University of Melbourne CONTINUED		
4.00pm - 5:00pm	AFTERNOON TEA & COMMUNITY EXPO					

# CHEMISTRY

19th February 2025

**ENGAGE EDUCATE EMPOWER**

# 2025 VCE CONFERENCE SERIES

8:00am - 8:50am	REGISTRATIONS & COMMUNITY EXPO   Foyer & Ground Floor, Sidney Myer Asia Centre (SMAC)							
9:00am - 9:10am	Carillo Gantner Theatre, Basement, Sidney Myer Asia Centre ACKNOWLEDGEMENT OF COUNTRY & PRESIDENT'S WELCOME: Ms. Alexandra Abela, STAV President							
9:10am - 10:10am	KEYNOTE ADDRESS: Prof. Tiyani Ma Nanomaterials Revolutionizing Renewal Energy Solutions							
10:10am - 10:40am	MORNING TEA AND COMMUNITY EXPO   Foyer & Ground Floor, Sidney Myer Asia Centre							
10:45am - 11:15am	Carillo Gantner Theatre, Basement, Sidney Myer Asia Centre VCAA UPDATE: Mrs. Maria James							
11:20am - 12:20pm	MEET THE CHIEF ASSESSORS: Mr. Peter Skinner							
12:30pm - 1:15pm	SESSION BLOCK A							
CHEMISTRY LAB	RMG07, SMAC	RMG01, SMAC	RMG02, SMAC	RM113, SMAC	RM114, SMAC	CHEMISTRY LAB	RMG06, SMAC (Hybrid)	
Chemistry Capers - Exploring High School Chemistry	Leveraging industrial case studies in chemistry: A robust pedagogical strategy with key insights	More than just "bush tucker" – Unlocking plant knowledge	Beginner's teachers toolbox of tricks	A resource for Unit's 3 & 4 chemistry (STEM)	Using Command Terms and Rubrics to Help Students Demonstrate Outcomes	Comparison of 2 practical activities: Small-scale experiments that can be used to replicate and compare key chemical concepts and science skills	Contemporising your practical activity schedule - lessons learnt from chemistry teachers globally	
Mr. Stuart Lewis	Dr. Mohammad Chowdhury	Mrs. Lisa Moloney	Ms. Nic Volkmann	Mr. Peter Razos	Mr. Jarrod Bye & Mr. Levi Lancaster	Mr. Nasser Cura & Ms. Evelyn Xu	Dr. Seamus Delaney	
1:15pm - 2:20pm	LUNCH BREAK AND COMMUNITY EXPO   Foyer & Ground Floor, Sidney Myer Asia Centre							
2:20pm - 3:05pm	SESSION BLOCK B							
CHEMISTRY LAB	RMG07, SMAC	RMG06, SMAC (Hybrid)	RM113, SMAC	CHEMISTRY LAB	CHEMISTRY LAB	RMG01, SMAC	RMG02, SMAC	
Teaching Units 1 and 2 VCE Chemistry	Unit 2: Elevate Your Students' Mastery of Acid-Base titrations and Redox Reactions!	Designing assessment tasks for the new study design	BioBrain: Engage, empower and educate your students in VCE Chemistry	Teaching Units 3 & 4 Chemistry	Showcasing Indigenous Knowledge in the Chemistry Classroom: A Hands-on Workshop	Unpacking Command Terms in VCE Chemistry	Empowering Students with Sustainable Chemistry Practices	
Ms. Carolyn Drenen	Mr. Michael O'Brien	Dr. Adele Hudson & Dr. Kshitija Dhuna	Ms. Caroline Cotton	Mrs. Gaya Vazirani & Mrs. Pinya Senevirathne	Dr. Emily Rochette	Miss. Rachel Woolley	Ms. Kate Adriaans	
3:15pm - 4:00pm	SESSION BLOCK C							
RRM115, SMAC	RMG06, SMAC (Hybrid)	RMG07, SMAC	RRM113, SMAC	CHEMISTRY LAB	CHEMISTRY LAB	RMG01, SMAC	RMG02, SMAC	
Student Engagement for effective learning as demonstrated through formative assessment	Suggestions for creating SACs for the new VCE Chemistry course	VCE Green Chemistry Principles	Unit 2 Chemistry: Investigative Learning	Teaching Units 3 & 4 Chemistry CONTINUED	Showcasing Indigenous Knowledge in the Chemistry Classroom: A Hands-on Workshop CONTINUED	Unpacking Command Terms in VCE Chemistry CONTINUED	Empowering Students with Sustainable Chemistry Practices CONTINUED	
Ms. Alysha Schneider	Ms. Louise Lennard	Mrs. Carissa Kelly & Ms. Julia Behr	Mr. Pat O'Shea	Mrs. Gaya Vazirani & Mrs. Pinya Senevirathne	Dr. Emily Rochette	Miss. Rachel Woolley	Ms. Kate Adriaans	
4:30pm - 6:00pm	AWARD PRESENTATION, POST-CONFERENCE CELEBRATION AND NETWORKING   RMG07, SMAC							



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9:00am - 9:10am	Carillo Gantner Theatre, Basement, Sidney Myer Asia Centre <b>ACKNOWLEDGEMENT OF COUNTRY &amp; PRESIDENT'S WELCOME:</b> Ms. Alexandra Abela, STAV President			
9:10am - 10:10am	<b>KEYNOTE ADDRESS:</b> Prof. Euan Ritchie Storytelling to conserve Australian wildlife			
10:10am - 10:40am	MORNING TEA AND COMMUNITY EXPO   Foyer & Ground Floor, Sidney Myer Asia Centre			
10:45am - 11:15am	Carillo Gantner Theatre, Basement, Sidney Myer Asia Centre <b>VCAA UPDATE:</b> Mrs. Maria James			
11:20am - 12:20pm	<b>MEET THE CHIEF ASSESSORS:</b> Mr. Paul Donaldson			
12:30pm - 1:15pm	<b>SESSION BLOCK A</b>			
	<b>CHEMISTRY LAB</b>  A Healthy Land – Measuring the environment with Vernier dataloggers  Mr. Stuart Lewis	<b>RMG06, SMAC (Hybrid)</b>  Working together to sustain a better future  Mrs. Lisa Moloney	<b>RMG01, SMAC</b>  Climate Change in the Classroom  Mr. James Driscoll	
1:15pm - 2:20pm	LUNCH BREAK AND COMMUNITY EXPO   Foyer & Ground Floor, Sidney Myer Asia Centre			
2:20pm - 3:05pm	<b>SESSION BLOCK B</b>			
	<b>RMG06, SMAC (Hybrid)</b>  Biodiversity Blitz: Teaching VCE Biodiversity Concepts with Pokémon  Mr Christopher Mann & Dr. James Driscoll	<b>EXTERNAL</b>  Werribee Zoo visit: Maintaining Biodiversity  Ms. Kirsten Ryan		
3:15pm - 4:00pm	<b>SESSION BLOCK C</b>			
	<b>RMG06, SMAC (Hybrid)</b>  Biodiversity Blitz: Teaching VCE Biodiversity Concepts with Pokémon CONTINUED  Mr Christopher Mann & Dr. James Driscoll	<b>EXTERNAL</b>  Werribee Zoo visit: Maintaining Biodiversity CONTINUED  Ms. Kirsten Ryan		
4.00pm – 5:00pm	AFTERNOON TEA & COMMUNITY EXPO			

# PSYCHOLOGY

20th February 2025

**ENGAGE EDUCATE EMPOWER**

# 2025 VCE CONFERENCE SERIES

09:00pm - 11:00pm	SESSION BLOCK A		
	RMG06, SMAC (Hybrid) Concussion: Prevention, Intervention and Return to activities Ms. Vicki Anderson, Katie Davies & team	EXTERNAL Melbourne Zoo Tour - Psychology Unit 2, Influencing conservation behaviour & Units 1-4 - Key Science Skills Ms. Claire Preistley	
11:30pm - 12:15pm	SESSION BLOCK B		
	RMG06, SMAC (Hybrid) School based Assessment  Ms. Erin Wilson		
12:15pm - 1:15pm	LUNCH BREAK AND COMMUNITY EXPO   Foyer & Ground Floor, Sidney Myer Asia Centre		
1:15pm - 1:20pm	Carillo Gantner Theatre, Basement, Sidney Myer Asia Centre <b>ACKNOWLEDGEMENT OF COUNTRY &amp; PRESIDENT WELCOME:</b> Ms. Alexandra Abela, STAV President		
1:20pm - 2:20pm	<b>KEYNOTE ADDRESS:</b> Prof. John Reece Where has Psychology Come From and Where is it Going? Reflections on 40 Years of Teaching Psychology		
2:25pm - 2:55pm	<b>VCAA UPDATE:</b> Ms. Erin Wilson		
3:00pm - 4:00pm	<b>MEET THE CHIEF ASSESSORS - Exam extended response criteria:</b> Mr. Matthew DiPetta & Ms. Alli Lehmann		
4:00pm - 5:00pm	AWARD PRESENTATION, POST-CONFERENCE CELEBRATION AND NETWORKING   Yasuko Hiraoko Myer Room, Lvl 1, SMAC		