

TeacherX - Townsville

To register, visit jcu.edu.au/teacherX2021

Day One, Townsville - Monday March 29

*Closed in footwear and comfortable clothing are required for all sessions.

8.30 am

Arrival / Registration / Welcome

LOCATION: The Science Place, Building 142 - Room 111

9.30 am - 10.30 am

A deep dive into Medicine, Dentistry and Pharmacy

Gain insight into our Medicine, Dentistry and Pharmacy programs. Compete in a CPR challenge, walk through our state of the art simulation labs, and experience what is involved in packaging medications and making common products. As well as a welcome and introduction from the Dean, you'll hear from JCU alumni and current students about their experiences.

LOCATION: 047.007

10.40 am - 11.40 am

A deep dive into Nursing, Psychology and Speech Pathology

This three part session will be focused on Nursing and Midwifery, Speech Pathology and Psychology. Immerse yourself in our state of the art simulation labs with our coughing and moaning mannequins and crying newborn babies. Discover the impact speech pathologists have from paediatrics to palliative care, and how a strong foundation of psychological theory, practice, and research can open a world of career opportunities for your students.

LOCATION: Nursing Sciences, Building 25 - Room 101

11.50 am - 12.50 pm

A deep dive into Veterinary and Medical Science

All creatures great and small. From veterinary science to molecular and cell biology and everything in-between. This session focuses on the variety and granularities within this wide-ranging study area. From animal services and conservation, genome to animals and humans to policies and systems. Discover teaching, research, and engagement which embraces the UN's Sustainable Development Goals.

LOCATION: 040.109

1.00 pm

LUNCH

1.30 pm - 2.30 pm

Session one: Sessions are run concurrently please select one.

STREAM ONE

Empowering Future Change-Makers through social work

This session will accentuate the human rights and social justice foundations of Social Work and provide information and resources that can be shared with students keen to create change and address disadvantage and inequality with individuals and communities.

Presented by Professor Debra Miles

LOCATION: 18-002c

STREAM TWO

All the facts for the best outcome

Advising students on which mathematics subjects to pursue in Years 11 and 12 is a challenge. This workshop will present information that can be used to help school students and their families make more informed decisions about how their choice of Senior Mathematics may impact their future university experiences.

LOCATION: 142.033

STREAM THREE

Restorative Justice and Group Conferencing in schools

The session will review theoretical principles, practical discussion of case studies, and discuss professional development opportunities for individuals involved as trainers, restorative justice (RJ) conference facilitators, RJ conference participants or those interested in learning more about RJ.

Presented by Senior Lecturer Claire Holland

LOCATION: 142.111

2.40 pm - 3.40 pm

Session two: Sessions are run concurrently please select one.

STREAM ONE

Neuroscience, iPad use, ADHD, ethical practice, and resilience: Doubt is the key to knowledge

Unpack recent research on neuroscience and what it has taught us about learning, iPad use and its benefits and shortcomings, and what neuroimaging data tells us about those with ADHD.

Presented by

Associate Professor Helen Boon

LOCATION: 18-002c

STREAM TWO

Classroom in the outdoors

An opportunity for you to experience and see biodiversity in an outdoor learning environment. Experience what students experience by taking part in a fieldwork practical where you can get up close to all creatures great and small.

LOCATION: 142.033

STREAM THREE

Blended/flipped mode classroom delivery for business

Today it is all about engaging our students in a digital world! Join us for a session on which tools JCU uses to engage students in a blended/flipped mode classroom environment.

Presented by Jodie Maxfield

LOCATION: 142.111

DAY ONE CONTINUES OVER PAGE

DAY ONE TOWNSVILLE CONTINUED

3.50 pm - 4.50 pm

Session three: Sessions are run concurrently please select one.

STREAM ONE

Uncovering our region's past: tools for the classroom

Join historian Dr Claire Brennan and archaeologist Dr Nigel Chang for a session about uncovering the past. Dr Brennan will discuss digital resources (including potential assessment items) relating to Townsville's past, and lead a workshop using the resources of Trove. Dr Chang will talk about what archaeologists do and how this might be presented through practical exercises in the classroom.

Presented by Dr Claire Brennan and Dr Nigel Chang

LOCATION: 18-002c

STREAM TWO

Our research for your classroom

Take part in an immersive learning experience and see behind the gates of the Marine and Aquaculture Research Facility (MARF). The facility supports a diverse portfolio of research projects and you will have the opportunity to hear from our leading researchers.

LOCATION: 142.033

STREAM THREE

Teaching Law for Today

Join our Head of Law, Professor Elizabeth Spencer to discuss the changing nature of jobs for lawyers and how to prepare students for a dynamic working environment. The digital revolution has transformed so much of our world and will transform legal education as well. Hear how the digital production and distribution of course materials will affect both the content and the way materials are used in the classroom.

Presented by Professor Elizabeth Spencer

LOCATION: 142.020

DAY ONE CONCLUDES

5.30 pm - 7.00 pm

Networking Event

8.30 am

Day Two, Townsville - Tuesday March 30

Arrival / Registration

LOCATION: 040.103

9.00 am - 10.30 am

Degrees under the microscope

In this session you will have the unique opportunity to ask questions about degree areas and majors that you may be less familiar with. Questions such as: What knowledge and programs implemented at school could make the transition to university less stressful? What is the difference between assumed knowledge and prerequisite?

LOCATION: 040.103

10.30 am

MORNING TEA

11.00 am - 12.30 pm

JCU in your community

Discover the value of JCU in Queensland's regional communities as a catalyst for growth, economic activity and social viability.

LOCATION: 040.103

Professor Ian Atkinson

Professor of eResearch

Directorate of Research Infrastructure

Division of Research and Innovation

Professor Richard Murray

Deputy Vice-Chancellor

Division of Tropical Health and

Medicine

Mr Daniel Christie

Head of Engineering

College of Science and Engineering

Division of Tropical Environments and Societies

12.30 pm

LUNCH

1.00 pm - 3.00 pm

Tour JCU Townsville, Bebegu Yumba campus, Douglas with our best and brightest researchers presenting in their natural environment

3.00 pm

DAY TWO CONCLUDES

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To register, visit jcu.edu.au/teacherX2021



TeacherX - Cairns

To register, visit jcu.edu.au/teacherX2021

Day One, Cairns - Wednesday March 31

*Closed in footwear and comfortable clothing are required for all sessions.

8.30 am

Arrival / Registration / Welcome

LOCATION: A3.003

9.30 am - 10.30 am

A deep dive into Nursing, Psychology and Speech Pathology

This three part session will be focused on Nursing and Midwifery, Speech Pathology and Psychology. Immerse yourself in our state of the art simulation labs with our coughing and moaning mannequins and crying newborn babies. Discover the impact speech pathologists have from paediatrics to palliative care, and how a strong foundation of psychological theory, practice, and research can open a world of career opportunities for your students.

LOCATION: Big A2 - Room 008

10.40 am - 11.40 am

A deep dive into Veterinary and Medical Science

All creatures great and small. From veterinary science to molecular and cell biology and everything in-between. This session focuses on the variety and granularities within this wide-ranging study area. From animal services and conservation, genome to animals and humans to policies and systems. Discover teaching, research, and engagement which embraces the UN's Sustainable Development Goals.

LOCATION: AITHM E002.113

11.50 am - 12.50 pm

A deep dive into Medicine, Dentistry and Pharmacy

Hear from alumni and find out where a degree in Pharmacy has taken them. Learn more about the recent Pharmacy program expansion and what it means for the region. Talk to current students and learn how to package medications and make a common therapeutic product. LOCATION: E001-022

1.00pm

LUNCH

1.30 pm - 2.30 pm

Session one: Sessions are run concurrently please select one.

STREAM ONE

Politicised Learning: Examining Political Ideologies in the 21st Century Classroom.

Identify some of the inherent dangers of politicised learning. Participate in a reflection activity, followed by group discussion. The session involves an experiential learning process tailored for teaching professionals.

Presented by Dr Anna Hayes

LOCATION: D3-59

STREAM TWO

All the facts for the best outcome

Advising students on which mathematics subjects to pursue in Years 11 and 12 is a challenge. This workshop will present information that can be used to help school students and their families make more informed decisions about how their choice of Senior Mathematics may impact their future university experiences. LOCATION: D4.012

STREAM THREE

Blended/flipped mode classroom delivery for business

Discover which tools JCU uses to engage students in a blended/flipped mode classroom environment.

Presented by Jodie Maxfield

LOCATION: A4.002

2.40 pm - 3.40 pm

Session two: Sessions are run concurrently please select one.

STREAM ONE

Mental Health and Wellbeing In Education

Explore some of the critical elements of mental health and wellbeing in the education space. Presented by Dr Narayan Gopalkrishnan

LOCATION: D3-59

STREAM TWO

Teaching Law for Today

Discuss the changing nature of jobs for lawyers and how to prepare students for a dynamic working environment. Hear how the digital production and distribution of course materials will affect both the content and the way materials are used in the classroom.

Presented by Ms Rachel Bradshaw

LOCATION: A4.002

STREAM THREE

Inspiring research to inspire the classroom

Don't just hear about research, see the research in action. The first half of this workshop will take you to where it all happens. You will then hear from our leading researchers on topics such as past and future environmental change in the Tropics, responsive urban design, social justice and social change. Find out what activities you can do to bring your classroom into the outdoors with great curriculum relevant field trips.

Presented by Prof Michael Bird, Assoc Prof Paul Nelson, Assoc Prof Lisa Law, Dr HanShe Lim, Dr Kearnin Sims

LOCATION: D4.012

3.50 pm - 4.50 pm

Session three: Sessions are run concurrently please select one.

STREAM ONE

Structured Teaching: Work Systems

Interactive evidence-based workshop on Structured Teaching: Work Systems and how to apply this to any assignment task. Presented by Dr Satine Winter

LOCATION: D3-59

STREAM TWO

Discovering JCU's value proposition to regional communities

Presented by: Professor Darren Crayn and Dr Kyran Staunton

LOCATION: A4.016

DAY ONE CONCLUDES

5.30 pm - 7.00 pm

Networking Event

TeacherX - Cairns

To register, visit jcu.edu.au/teacherX2021

Day Two, Cairns - Thursday April 1 JCU Research Station - Daintree Rainforest Observatory

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7.30 am

Registration

LOCATION: D3.054

8.00 am

Depart JCU / Travel to Research Station

Sit back and relax as we transport you to the height of rainforest research and education at our JCU Daintree Rainforest Observatory. Experience the oldest rainforest in the world from the unique perspective of our canopy crane.

10.30 am

Welcome/Induction

From lowland rainforest to canopy layers and above. An introduction to working in paradise.

Presented by Dr Michele Schiffer, Station Manager

12.00pm

LUNCH

12.30 pm

Discovering our classroom in the Rainforest

Discover our unique classroom and immerse yourself in our rainforest environment. Find out how Year 12 mandatory practical units in Biology can be delivered at our research station.

1.00 pm

Session one: Sessions are run concurrently please select one.

STREAM ONE

Canopy Tour / Research Presentation

Discover over 87 plant species across 33 different families on our crane and gain access to every layer of the Daintree's irregular canopy.

STREAM TWO

Biology in practice: Aquatic invertebrate sampling

Identification to discover how aquatic invertebrates can easily be used to ascertain water quality.

2.30 pm

Depart Research Station / Travel to JCU

Depart for home as we transport you back to JCU Smithfield campus for the conclusion of TeacherX 2021.

4.30 pm

Arrival back at JCU

DAY TWO CONCLUDES

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