

A composite image showing various pieces of space debris orbiting the Earth. The debris includes satellite components, solar panels, and other man-made objects. The Earth's horizon is visible in the background. The image is overlaid with several horizontal bars of different colors and patterns, including solid colors and digital glitch effects.

# TAKING OUT THE TRASH

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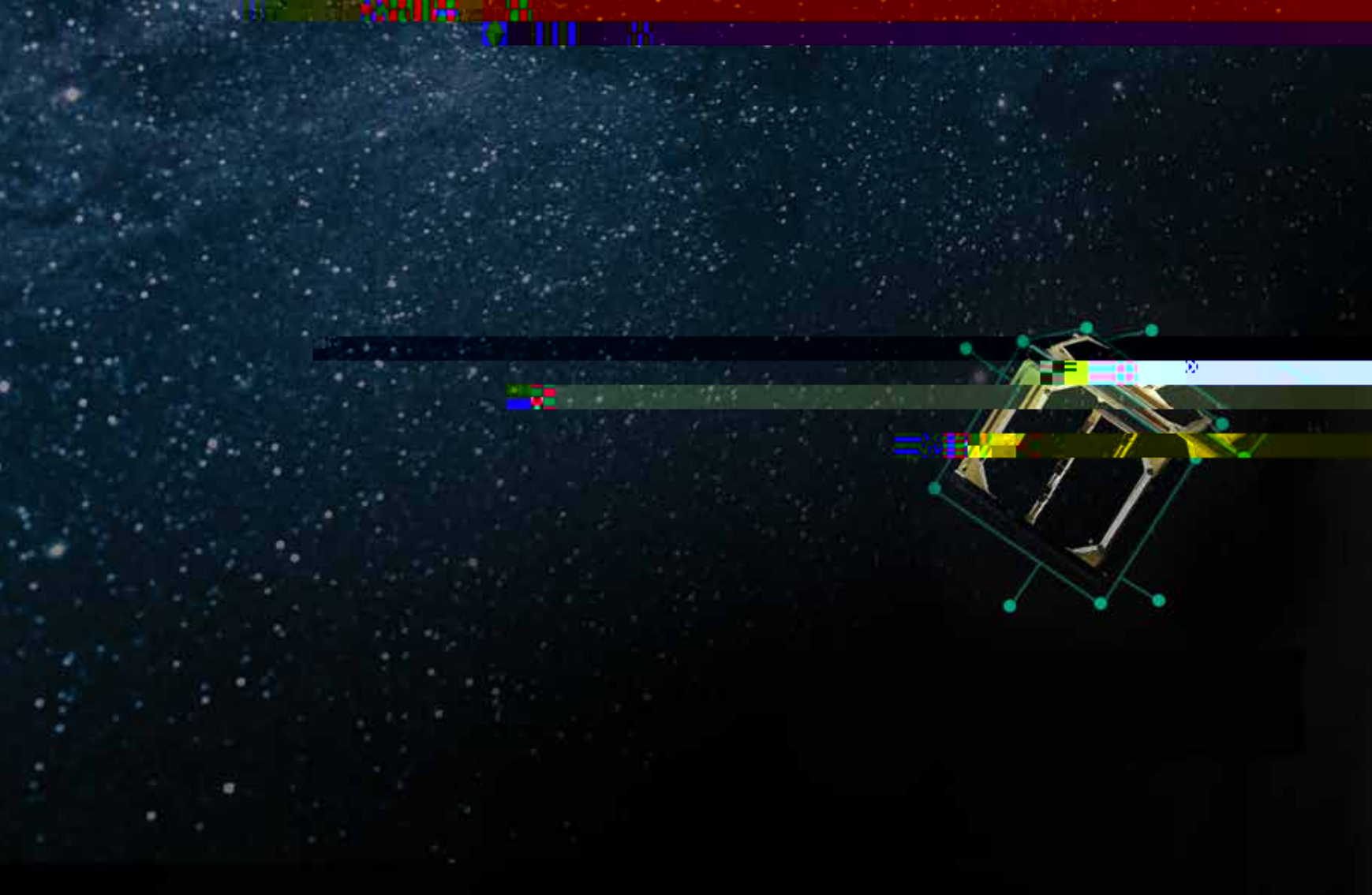
ANAESTHETIC  
PROCEDURES

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WELLBEING

ECONOMIC  
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QKQCK-QLK>IVQ.B B@SEIV>MMV



University of Adelaide  
AI technology, based on  
computer vision and machine  
learning, leads the world in  
space junk pose estimation.



The University's researchers  
are overcoming unique  
challenges to successfully  
develop AI for space  
applications.

The group's work now  
also includes developing  
robotic manipulation  
technology to acquire  
space debris once located.







*Above: Professor Gus Nathan*





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OUR HEALTH TECHNOLOGY  
ASSESSMENT TEAM'S IMPACT  
BY THE NUMBERS: 2002 - 2020

medical-service assessment  
reports commissioned by the  
Australian Government

6LJ BQJ B?BQ'BEK'QB' Q'>KA'Q'CA'@KQ'OBP

ALKE>C LOKR'QB

EB>IQ'@B'PV'QJ HY KROK'DENRIG?IB>@'PP  
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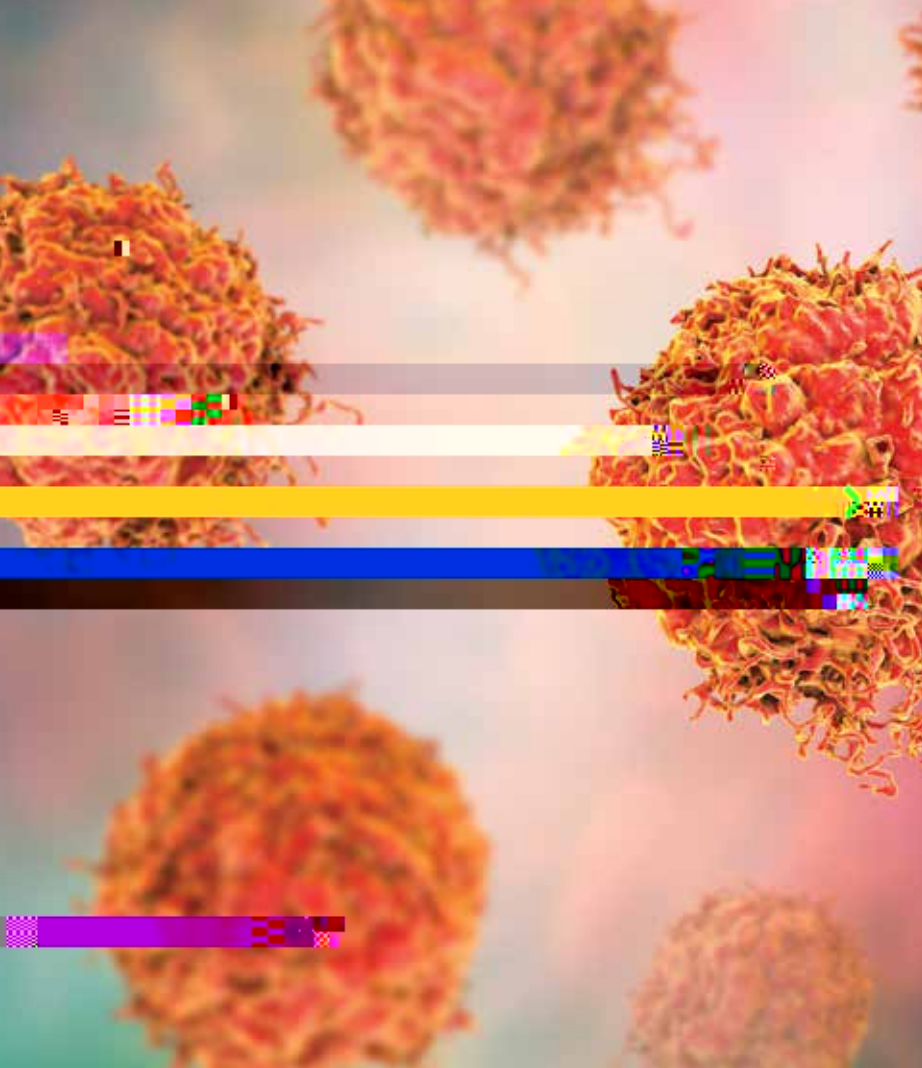
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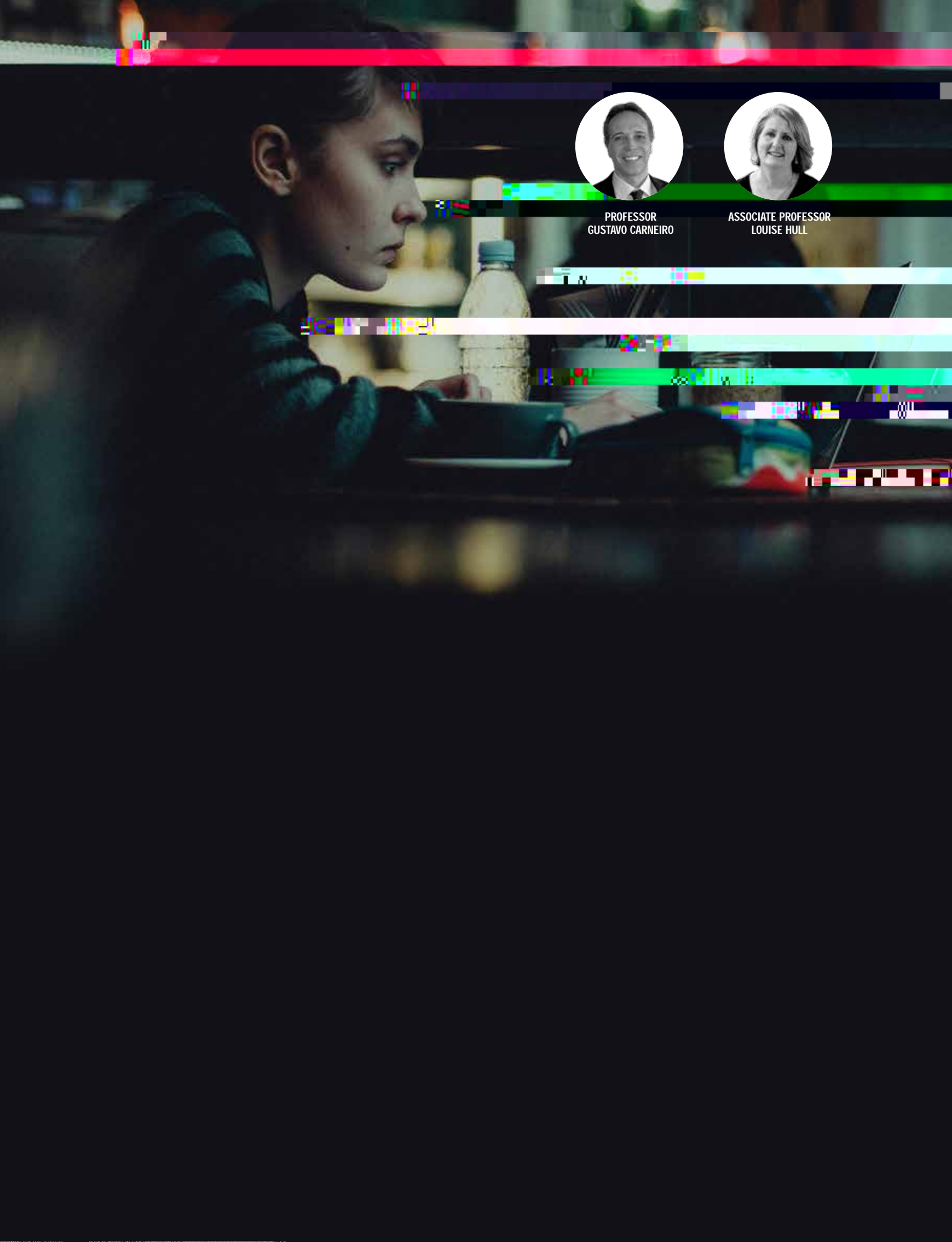
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7EB@>J ' @QLRKA@>QML@Q@B@K@BO

IK'gege FELT'IKD@Q@BHV' KAKDHLKB'



PROFESSOR  
GUSTAVO CARNEIRO



ASSOCIATE PROFESSOR  
LOUISE HULL





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HEBAPMB@BP'EJ MDSKDT>QONR>IKQ

L HBQ >@I>IBKQAP BA f

*Exactly  
what difference does coastal vegetation  
make to our emissions targets in our exact  
location and climatic conditions?*

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CLOQB' QQJ B' QBQQT@C'LKfi

University of Adelaide-led

ecosystems' total contribution to absorbing South Australia's greenhouse gas emissions.

The research team is creating a map to show the state's likely blue carbon storage potential and inform regional preservation strategies.

Our researchers are advising the Australian Government on ways to incorporate blue carbon projects in the country's Emissions Reduction Fund and carbon inventory.



E>CAQJ >HKQIKENRQVHLTBCEHQBOP>

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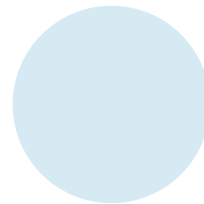
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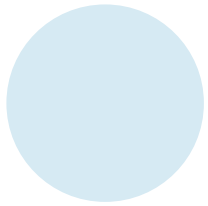
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l: EHHB06'=RL/S'~ /L@E/S'gefny: >QOQ'QOQ  
RK@SHIKQVEM@LILL@'I'AFQ@PLCQO>QOPIK  
SRQVIE/LRQ>ILCSQO'6Q'NEP'kg'f'ghf'fi







MLO\$BH.ZEB' OQPC>CSRFQIE PELRHKD

SICRP/KJ LQKFK@PNRQB B@SBIv

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ASSOCIATE  
PROFESSOR  
ROB AMERY

## KEY ACHIEVEMENTS

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@B-QKD. >ROK>I>KIR>DB

The University of Adelaide has

REK@M'QB' OQFBJ HK<QSB'EMB>HBP

7EB: >ROK>ZMDKLRK@BAE\* \$5fk<

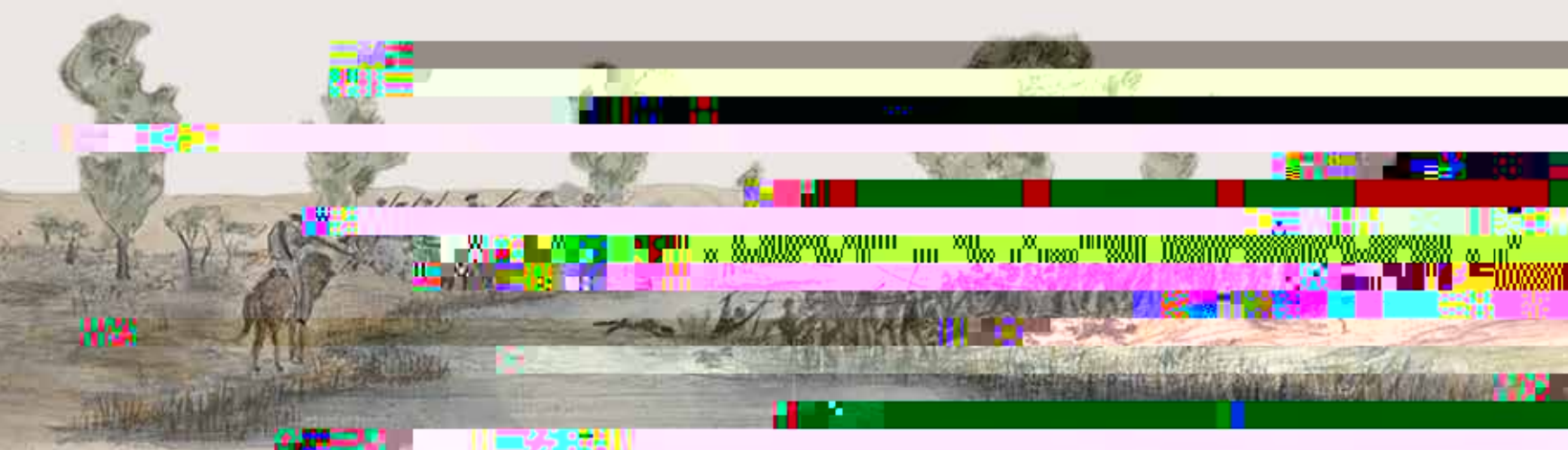
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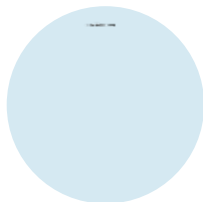


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ASSOCIATE  
PROFESSOR YAN TAN





KEY ACHIEVEMENTS



ӨБҮ-КАҢЕӨС



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PROFESSOR  
MICHELLE  
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EJ MQLSBA'J HHNR>IRQ>KAP>BQ'P>VP



PROFESSOR  
WENDY UMBERGER

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.. BSB>IHL'BBK'HKF @KQK@B>FP

