of INDIGENOUS EDUCATION



Volume 37 — 2008 ISSN 1326-0111

of INDIGENOUS EDUCATION

The Australian Journal of Indigenous Education is a peer reviewed research journal publishing articles in the field of Indigenous education, broadly defined. It is the only journal for educators devoted specifically to issues of practice, pedagogy and policy in Indigenous education in Australia. The journal has an international audience and is highly valued by its readers as a reliable source of information on Indigenous education issues. Contributions on the participation of Indigenous people in education and training; equitable and appropriate access and achievement of Indigenous people in education and training; and the teaching of Indigenous studies, cultures and languages to both Indigenous and non-Indigenous students are encouraged. Notes to Contributors can be found at the back of each issue. The journal is published by the Aboriginal and Torres Strait Islander Studies Unit at the University of Queensland, under the strategic management and with the support of the Unit Director, Michael Williams.

Editors: Jackie Huggins & Elizabeth Mackinlay Managing Editor: Sean Ulm Acting Managing Editor: Katelyn Barney Book Review Editor: Sean Ulm Acting Book Review Editor: Katelyn Barney Administrative Assistant: Jan Stewart Graphic Design: Lovehate Design Printing: Screen Offset Printing Artwork: Adapted from Jungle Vine (2002) by Macsen Ja-wukanyi Chalmers

All correspondence and submissions should be addressed to:

The Editors

The Australian Journal of Indigenous Education
Aboriginal and Torres Strait Islander Studies Unit
The University of Queensland
Brisbane QLD 4072

AUSTRALIA
Email: ajie@uq.edu.au

URL: http://www.atsis.uq.edu.au/ajie/

The views expressed in this journal are not necessarily those of the Editors or Publisher.

© Aboriginal and Torres Strait Islander Studies Unit The University of Queensland, 2008 ISSN 1326-0111

TABLE of CONTENTS

EDITORIAL Jackie Huggins & Elizabeth Mackinlay	ii
INDIGENOUS HIGHER EDUCATION: The Role of Universities in Releasing the Potential Clair Andersen, Tracey Bunda & Maggie Walter	1
BRIDGING the GAP: Identifying Needs and Aspirations of Indigenous Students to Facilitate their Entry into University Delwar Hossain, Don Gorman, John Williams-Mozely & Darlene Garvey	9
RETAINING INDIGENOUS STUDENTS in TERTIARY EDUCATION: Lessons from the Griffith School of Environment Catherine Howlett, Monica Seini, Chris Matthews, Bronwyn Dillon & Vivian Hauser	18
ONE to ONE and FACE to FACE: A Community Based Higher Education Support Strategy Retaining Indigenous Australian University Students Peta Sharrock & Helen Lockyer	28
WHEN a DREAM BECOMES a NIGHTMARE: Why do Indigenous Australian Medical Students Withdraw from Their Courses? Isabel Ellender, Marlene Drysdale, Janice Chesters, Susan Faulkner, Heather Kelly & Leanne Turnbull	40
TOWARDS PEDAGOGIES of MATHEMATICS ACHIEVEMENT: An Analysis of Learning Advisers' Approaches to the Tutoring of Mathematics in an Indigenous Tertiary Entry Program Jonathan Makuwira	48
ACADEMIC LANGUAGE, POWER and the IMPACT of WESTERN KNOWLEDGE PRODUCTION on INDIGENOUS STUDENT LEARNING Karen O'Brien	56
PEARSON and PEDAGOGY: Countering Co-dependency John Fielder	61
COUNSELLOR EDUCATION as HUMANIST COLONIALISM: Seeking Post-colonial Approaches to Educating Counsellors by Exploring Pathways to an Indigenous Aesthetic Kisiku Sa'qawei Paq'tism Randolph Bowers	71
INDIGENOUS? WHAT INDIGENOUS KNOWLEDGE? Beliefs and Attitudes of Rural Primary School Teachers Towards Indigenous Knowledge in the Science Curriculum in Zimbabwe	
Edward Shizha	80
LANGUAGE NEGOTIATIONS INDIGENOUS STUDENTS NAVIGATE when LEARNING SCIENCE Philemon Chigeza	91

TO FREE the SPIRIT? Motivation and Engagement of Indigenous Students Geoff Munns, Andrew Martin & Rhonda Craven	98
CHERBOURG STATE SCHOOL in HISTORICAL CONTEXT Grace Sarra	108
EMBEDDING LITERACY in INDIGENOUS EDUCATION THROUGH ASSISANT TEACHERS: Lessons from the National Accelerated Literacy Program James Cooper	120
ORAL LANGUAGE, REPRESENTATIONS and MATHEMATICAL UNDERSTANDING: Indigenous Australian Students Elizabeth Warren & Janelle Young	130
HOW ABORIGINAL PEER INTERACTIONS in UPPER PRIMARY SCHOOL SPORT SUPPORT ABORIGINAL IDENTICAL Cheryl S. Kickett-Tucker	ITY 138
A KICKSTART to LIFE: Australian Football League as a Medium for Promoting Lifeskills in Cape York Indigenous Communities Maree DinanThompson, Juanita Sellwood & Felicity Carless	152
ENABLING VOICE: Perceptions of Schooling from Rural Aboriginal Youth at Risk of Entering the Juvenile Justice System Christine Edwards-Groves with Colleen Murray	165
BOOK REVIEWS A Cautious Silence: The Politics of Australian Anthropology The 1967 Referendum: Race, Power and the Australian Constitution (2nd Ed.) Reshaping the University: Responsibility, Indigenous Epistemes, and the Logic of the Gift The Soundscapes of Australia: Music, Place and Spirituality Terra Nullius: A Journey Through No One's Land	178 179 181 183 185
NOTES to CONTRIBUTORS	191