School of Education HDR Supervision by Discipline

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[Centre for Research in Educational Futures and Innovation](#), School of Education[*](#)

For further information, contact HDR Coordinators: [Dr Shaun Rawolle](#) or [Dr Andrea Gallant](#)

Applied Learning & Professional Education and Training

Key/Note: Supervision level: PS = Principal sup. PhD; Associate sup. PhD (AP); Masters (M); Hons (H)

Researcher	Research interests	Supervision level
Jennifer Angwin	Sociology of education Policy and education	PS
Damian Blake	Applied learning in schools, TAFEs and higher education Learning Partnerships between education institutions, workplaces and community organisations Alternative learning programs, youth engagement and participation Equity and diversity in education and training Approaches using Activity Theory, mixed-methods, case study, action research	PS
Emma Charlton	Gender and education Place related identities	AP
Karen Charman	Learning in Public Spaces—museums and archives Academic preparation Curriculum change Literary Studies Pedagogy Approaches using psychoanalytic theory, narrative, critical theory and queer theory	AP
Lauri Grace	Professional education, workplace learning and adult learning Vocational Education and Training Flexible and Online Learning Approaches using institutional ethnography, action research, case studies	PS
Julie Rowlands	Governance; higher education systems; quality assurance in higher education; academic governance; organisational change; Bourdieu; Gramsci	M

Arts Education

Key/Note: Supervision level: PS = Principal sup. PhD; Associate sup. PhD (AP); Masters (M); Hons (H)

Researcher	Research interests	Supervision level
Libby Pilkington Hirsh	Critical inquiry into art Aesthetic perception and the development of taste in art Visual Literacy Visual Culture and how visual communication influences social and cultural, and moral and ethical perspectives Enculturation through Art/Visual arts Education and Visual Communication The visual communication of Postmodern perspectives about: • gender (feminism, exploitation, body image) • racism (identity, rights, tolerance/intolerance) • sexuality/sexual preference • power (knowledge and the ownership of knowledge) • 'truth' in history • personal narrative verses meta-narrative (how do we construct our sense of self and define our personal aesthetic) • spirituality (understanding own and others) The influence of Postmodern thinking on curriculum design Teaching and developing strategies for the teaching of Art/Visual arts techniques and processes	AS
Jenny Grenfell	Immersive interfaces for art education teaching and learning in mixed reality virtual and real world environments Immersive MUVEs (Multi User Virtual Environments) to enhance student engagement and participation through collaboration,role playing and simulations in Art education. Digital technologies in art education E-learning and distance education	M

	Teaching with emerging technologies Visual literacies	
Shelley Hannigan	Arts Practice Based research, phenomenology, narrative inquiry, self-study, community-based art research, autoethnography, A/R/tography	M
Dawn Joseph	Multiculturalism, Culture and Diversity • African Music in Schools • Teacher Education • Teacher Change and Professional Development • Ageing and Wellbeing in the Arts	PS
Fiona Phillips	Virtual Collaborative Environments Language acquisition and music in Early childhood Music as language and healing in Early childhood centres ICT in Music education	H

Jo Raphael	Drama Education: secondary, primary and the broader community
	    • Applied Drama
	    • Drama and Literacy in the primary school
	Drama, disability and inclusive education
	Drama curriculum development
	Integrating the Arts
	Asian theatre styles
	Arts and sustainability
		M

Curriculum, Pedagogy and Professional Learning

Key/Note: Supervision level: PS = Principal sup. PhD; Associate sup. PhD (AP); Masters (M); Hons (H)

Researcher	Research interests	Supervision level
Andrea Allard	Social justice (pedagogies and critical theory) as these are enacted in classroom and educational policies • Action Research for change • Foucauldian analysis • Feminist post-structuralism • Case study as methodology • Critical Discourse Analysis • Educational Ethics • Teacher identity formations • Leadership in early career mentoring or in curriculum development	**PS**
Sue Bennett	Theories of learning Mathematics and education	M
Jill Blackmore	Globalisation and localisation in educational restructuring (higher education, TAFE and schools) Educational reform and organisational change Gender equity reform Family-school relations and parent involvement Internationalisation of education Research in knowledge based economies Organisational change Feminist approaches to leadership and management Professional learning pedagogies Teachers' and academics' work and the politics of gender and knowledge Self managing organisations, organisational democracy and industrial relations Citizenship, public education, the state and civil society	PS

James Campbell	Globalisation and education Education policy and democracy Malaysian education Leadership in higher education	AS
Claire Charles	Intersections of gendered subjectivity Popular culture and education Discourses and representations about young women Feminism Sociology and cultural studies Social justice Gendered dimensions of young people's engagement with computer games and online digital culture	AS
Mary Dixon	Pedagogy Curriculum theory Teacher education Globalisation Qualitative methodology Poststructuralism Feminist research Discourse analysis Visual methods	PS
Terry Evans	Doctoral Education Tertiary education and pedagogy	PS
Trevor Gale	Critical sociology of education Policy sociology Education policy Schooling Higher education Education systems Social justice Equity and access to education Social class and inequalities Social inclusion, widening participation	PS

	Aspiration, mobility, voice, transition Bourdieu Foucault Sen/Nussbaum Critical theory Case study Ethnography Discourse analysis Policy analysis Semi-structured interview Participant observation Survey design	
Andrea Gallant	Educational reform Emotional work of teachers Teacher attrition Coaching pre-service teachers & mentoring beginning teachers Women aspiring to leadership Cultural consciousness Narrative inquiry Self study Grounded theory Standpoints and symbolic interactions Soft sytems	PS
Christine Halse	Sociology of education, particularly gender, race and socio-cultural diversity Sociology of health and the body Sociology of Curriculum Teacher professional learning Ethics in policy and practice Doctoral education Life history and narrative methods Multi-method research Interdisciplinary research methods Theoretical expertise Research driven theory generation Virtue theory	PS

	Foucauldian analysis and methods	
John Hodgens	Literacy: the history of literacy in Western countries since World War II Literacies beyond the school The anthropology of education and the uses of the culture concept in education Humanities, Societies and Environments Education and theory	M
Gaelene Hope-Rowe	Education and disadvantage Teaching students with diverse cultural and linguistic resources English/Literacy education Middle years curriculum and pedagogy Older 'at-risk' students (English literacy) Literacy intervention programs Stuart Hall, Bourdieu, Foucault (Poststructuralism) Qualitative, Case Study research, Discourse analysis (documents, interview, autobiographical writing)	M
Kate Johnstone	Transition from primary to high school Transitions in education Middle years education Rural education Student voice Qualitative research methods Mixed method research (integration of methods)	AP
Wendy Kortman	Curriculum and program development for differentiated learners in special and mainstream schools Individualized program planning Social justice and equity Learning environments promoting effective classroom behaviour Inclusive education for teachers The development of teacher knowledge through participatory action Family and professional partnerships Implementation of inclusive policy incorporating responsive curriculum development	PS
Jill Loughlin	Arts Education Narrative Inquiry	AP

	Arts-based Inquiry Methods Critical Inquiry Middle Years Education Pedagogy and Curriculum Theory Innovative Learning Environments	
Julianne Lynch	Technology and school education Innovative pedagogies Engaging diverse and 'at risk' cohorts Innovation, technology and the scholarship of university teaching	PS
Alan Marshall	Indigenous education Recruitment and retention of teachers in remote communities	M
Julianne Moss	Curriculum theory and change, practitioner inquiry, teacher education, qualitative research methodology (visual methods) with a focus on student diversity.	PS
Shaun Rawolle	The effect of the media on education and education policy Education policy sociology The influence of knowledge economy policies on education The sociology of education, with a specific interest in the work of Pierre Bourdieu Understanding processes of mediatization and globalisation of education Studies of social contracts, and contract-like texts in education Politics of educational research and methodological approaches Democratic decision making and education Comparative education policy	PS
Kim Senior	Pedagogy Curriculum Theorising Qualitative Research Methodology: Arts-based, Feminist, Visual	PS
Claire Spicer (Psychology)	Self-efficacy Behavioural issues Disengaged students Music	AP

	Gifted students Student with specific learning disabilities Quantitative and qualitative data analysis Case study analysis and qualitative analysis	
Karen Starr	Educational leadership Organisational change and renewal Education restructuring and reform Teachers' and academics' work and professional learning Educational business and governance Social justice and equity in education Gender and organisations Rural education, particularly leadership in small rural or remote schools	PS
Dianne Toe	Inclusive education Pragmatic skill development Working memory and learning Social media and social development in young people Deafness and communication Quantitative methods Mixed method approaches Survey development Statistical analysis (parametric and non-parametric)	PS
Athena Vongalis-Macrow	Leadership and Management theory and education Education policy and reform International/ Comparative studies in Education Educational Management and Leadership Profession and Work Social change and capacity building Comparative methodologies for cross cultural studies Policy analysis and review Structural analysis of organisations and processes Qualitative analysis using computer software Sociological theory, qualitative research, project evaluation, assessing quality in education	PS

Bernadette Walker-Gibbs	Rural education, New literacies/technologies, Community/university networks and partnerships Qualitative research methodologies: Narrative analysis Critical theory, Post-structuralist theory, Baudrillard	PS
Scott Webster	Education Theory Philosophy of Education Ethics, values, spirituality, meaning of life Critical Thinking Curriculum Theory Reflective Practice Pre-service Teaching Dewey, Kierkegaard, Nietzsche & Heidegger.	PS

Early Childhood Education

Key/Note: Supervision level: PS = Principal sup. PhD; Associate sup. PhD (AP); Masters (M); Hons (H)

Researcher	Research interests	Supervision level
Louise Laskey	Child Protection Youth Issues School Reform International Education	M
Janet Moles	Qualitative Methodologies: narrative; focus group; interviews; action research Any area of ECE; plus - identities; ethnicity & culture; feminist poststructuralist perspectives; sociocultural perspectives. Inductive analysis; grounded theory.	AS
Anne Marie Morrisey	Play Outdoor learning spaces in early childhood programs Quality in childcare Infant/toddler learning and development Infant/Toddler programmes Giftedness in early childhood Teachers' agency and leadership in early childhood programmes The role of interactions in children's learning Giftedness/creativity Scociocultural theories Mixed methods Emerging methodologies for studying outdoor environments, capturing children's voices, visual methodologies, etc	AS
Liz Rouse	Literacy in early years Qualitative methodology: constructivist paradigms Evaluation, and case study methods	M

[Llewellyn Wishart](#)	Translating Academic Skills to Professional Skills (Pathways from Uni to becoming an early childhood teacher) Nature based, outdoor and ecological learning Embodied pedagogy Contemplative education	M
[Bonnie Yim](#)	Mixed method research approach Data mining Ecological systems theories Attachment theories Sociocultural theories Child development Teacher education and professionalism Curriculum development and evaluation Cross-cultural and comparative research Citizenship and migration Early childhood education and policy Research methods in early childhood Music education Learning engagement of young children	PS

English Language and Literacy Education[*](#)

Key/Note: Supervision level: PS = Principal sup. PhD; Associate sup. PhD (AP); Masters (M); Hons (H)

Researcher	Research interests	Supervision level
Glenn Auld	Intersection between Indigenous Education and Literacy Bakhtinian theorists such as Gary Saul Morson Rights based theorist such as Tove Skutnabb-Kangas Critical theorists of Indigenous studies such as Linda Tuhiwai Smith and Martin Nakata Teaching in remote and rural communities in Australia Partnership strategies with Aboriginal and Torres Strait Islanders	PS
Anne Cloonan	Contemporary notions about and teaching of literacies Participatory action research and case study incorporating visual methodologies Intersection of studies of new literacies (including socialsemiotics influenced theories of multimodality) and sociocultural studies of literacies and teaching which foreground the social, cultural, political and historical meanings of literacies across contexts. Innovative literacy pedagogies which engage and transform teachers and their students.	PS
Brenton Doecke	Literary studies Classroom based inquiry in collaboration with practising teachers Georg Lukacs Walter Benjamin Frigga Haug Philosophers of 'praxis'. Writing (including storytelling) as a mode of inquiry into our everyday lives Alternative ways of constructing knowledge and representing experience to traditional forms of academic writing	PS
Kirsten Hutchison	Educational sociology Nexus between education and social justice Intersections between gender, race, culture and class and their relationships to the experience of schooling	PS

	Literacies in the everyday lives of children, families and teachers, within and beyond the classroom The power of sociocultural contexts in shaping educational trajectories Bourdieusian and feminist theory and traditions of ethnographic, case study and visual research methodologies. Innovative pedagogies and research activities which explore the dynamic, changing and situated nature of literacy	
Mark Nelson	Semiotic, sociocultural and pedagogical implications of multimodal textual communication Visual/pictorial and linguistic modes Investigating English language learning and pedagogy within a multimodal approach Multimodal communication and social semiotics Gunther Kress, Theo van Leeuwen, and Jay Lemke Multiliteracies pedagogical framework, as outlined by the New London Group Integrational linguistics theory, formulated by Roy Harris Applied linguistics and semiotics Comparative case study, multi-sited and online ethnographies, and multimodal textual analysis	PS
Sarah Ohi	Language and literacy development of children in the early years Critical discourse analysis, case study, action research and mixed methods Collaborative investigations with teachers, parents and children about their perceptions of literacy, their literacy pedagogy and practices (including digital) and how they can work in partnership Research-Policy-Praxis Nexus Improving the quality of teaching and learning in Higher Education, through innovations involving the use of technology.	AS
Joanne O'Mara	New literacies studies Secondary English and the Arts Critical theory and arts-based methodologies Drama education pedagogy and practices Digital games and emergent literacies and new textual practices Arts-based methodologies such as theatre performance and art exhibition.	PS
Louise Paatsch	Discourse surrounding language and literacy learning and practice, including digital communication practices Pragmatic skills in face-to-face and on-line conversations in students with and without hearing loss Teacher and child talk during literacy teaching and learning Innovative teaching practices which promote language and literacy development in primary school	PS

	aged children Sociocultural studies of literacies and aspects of applied linguistics Mixed methods (qualitative and quantitative), and comparative case study.	
Terri Redpath	Nexus between the visual and the verbal in contemporary communication practices in both higher education and early childhood leisure and learning contexts Listening as a communicative conduit Multi literacies theories to engage with increasingly complex technologically mediated communication environments Ethnographic field work and phenomenological case study methodology.	M
Muriel Wells	The use of emerging technologies including digital literacies and teacher professional learning How Teachers use emerging technologies to bring teaching and learning into the 21st century Action Research methodologies in collaboration with practicing teachers Narrative Inquiry as a way to understand the complexity of the lived experience of work of teaching.	PS

Health and Physical Education[*](#)

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Researcher	Research interests	Supervision level
Lyn Harrison	Action Research Foucaultian approaches Gender and Sexualities Governmentality Studies Health and Wellbeing Education Health Promotion and Evaluation Poststructuralism Qualitative methodologies Sexuality Education Sociology of Education Sociology of Health Teaching and Learning in Higher Education Young people and risk Youth Studies (including cultural studies of youth)	PS
Chris Hickey	Young people's construction of their identities Qualitative research methodologies Work with schools and sporting clubs Scientific, social, cultural and psychological interpretations of alcohol use and misuse	**PS**
Daniel Marshall	Butler Cultural studies and youth Feminist theories Foucault Histories of sexualities and genders (especially in relation to youth and education) Interdisciplinary approaches to student wellbeing, difference and engagement Interdisciplinary qualitative research methods Poststructuralist theories	PS

	Queer studies in education Queer theories Sedgwick Sexualities education Social and education policy (especially relating to young people)	

[Louise Mathews](#)	Pedagogy studies in secondary school HPE
	Obesity prevention in schools
	Policy studies
	Health Promotion
	Qualitative methods including:
	   • Ethnomethodology
	   • Phenomenology
	   • Case study
	   • Action research
	   • Comparative analysis
	Basic quantitative data analysis
		PS

[Debbie Ollis](#)	Sexuality education, (pedagogy, curriculum development and design, teacher education- in-service and pre-service, capacity building, gender, sexual diversity and inclusion) Health education (pedagogy, curriculum development and design, teacher education- in-service and pre-service teacher education Student health and wellbeing Health and physical education – access, equity, gender, body image, pre-service education Home Economics Education, in its broad interdisciplinary nature. Mixed methods qualitative research Feminist Poststructuralist approaches	PS

Mathematics Education

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Researcher	Research interests	Supervision level
Leicha Bragg	Variation theory Constructivism Qualitative and quantitative methods	PS
Brian Doig	Mathematics education (Primary and Early Childhood) Mathematics classrooms as communities of inquiry Cross-cultural research into mathematics learning and teaching Japanese Lesson Study as Professional Development Classroom-based research Classroom video analysis Survey and questionnaire methods Quantitative research including analysis of ordinal data and Rasch modelling	PS
Susie Groves	Mathematics education in general Problem solving and modelling Use of technology in mathematics learning and teaching Mathematics classrooms as communities of inquiry Cross-cultural research into mathematics learning and teaching Japanese Lesson Study as Professional Development Classroom-based research Classroom video analysis Activity theory Multi-dimensional assessment of student capability in mathematics and science Nurses' perceived and actual medication calculation behaviours Subject cultures and pedagogy: Comparing mathematics and science The role of practical activities in the teaching of upper primary science Mathematics in early childhood settings Issues relating to the teaching of mathematics and science in countries such as Malawi, Indonesia,	PS

	Thailand, and Malaysia Factors affecting student's choice of mathematics courses in University	
Sandra Herbert	ICT-enhanced teaching and learning Online professional learning Mathematical reasoning Mathematical conceptions Out-o-field teaching Gesture Mentoring Quantitative analyses – surveys etc. Qualitative – interviews, phenomenography, grounded theory, discourse analysis, etc.	PS
Esther Loong	Primary and secondary mathematics and science education Information and communications technology in education, with particular interest in Web-based learning Online professional development Quantitative methods Statistical reasoning Blended learning pedagogies Teaching and learning of mathematics in a second language Factors affecting student's choice of mathematics courses in University	PS
Colleen Vale	Equity and social justice in mathematics education Leadership and school reform in mathematics education Knowledge, pedagogies and practices of pre-service and practising teachers including out-of-field teachers of mathematics Technology in mathematics education. Teaching and learning mathematical reasoning Implementing structured problem-solving mathematics lessons through Lesson Study Gender mainstreaming in education Teachers' ICT literacy Facilitating mathematics teaching and learning in vocational education Problem based learning in electrical engineering Issues relating to clinical practices in nurse education Lesson study in a school-based science education program Primary pre-service teachers' mathematical content knowledge	PS

[Wanty Widjaja](#)	Mathematics education in general Design of contextualised tasks Educational design research Studies of misconceptions Pedagogical content knowledge	AS
[Gaye Williams](#)	Mathematics education and education more generally Learning theories Building psychological well being Learners and learning across intercultural contexts Abstracting: autonomous, spontaneous, and creative development of new knowledge Problem solving activity (promoting conceptual development) and influences upon it: Task design, cognitive and affective engagement, group composition, psychological factors (resilience / optimism), pedagogical 'moves' Associations between optimism / resilience and successful problem solving activity Building optimism / resilience in students Building optimism / resilience in teachers and pre-service teachers to increase pedagogical flexibility The Australian Curriculum (Mathematics and other domains): linking proficiencies and content knowledge through the creative development of new knowledge How differences of opinion can affect students' capacity to monitor their own thinking The student experience of task-related enjoyment in the mathematics classroom Reporting large scale assessment on a single formative-summative scale ICT as a catalyst for change	PS

Humanities, Societies and Environment[*]

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Researcher	Research interests	Supervision level
Debra Bateman	Futures Education, Futures Studies Primary education Humanities education Social media, Information Communication Technologies (ICTs) Curriculum studies and policy Higher education Case studies, Participatory Action Research, Critical ethnographies, Analytic bracketing	PS
Lou Preston	Environmental Education, Geography Education, Outdoor Education, Humanities Education, Curriculum and Pedagogy, Place and Space, Teacher Education Qualitative research methodologies: Discourse analysis, Case studies, Longitudinal study, Participatory Action Research Critical theory, Post-structuralist theory	PS
Bernadette Walker-Gibbs	Rural education, New literacies/technologies, Community/university networks and partnerships Qualitative research methodologies: Narrative analysis Critical theory, Post-structuralist theory, Baudrillard	PS

Science, Technology and Environmental Education*

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Researcher	Research interests	Supervision level
Sandra Herbert	Online professional learning in mathematics and science Reasoning in mathematics and science Out-of-field teaching Online learning, ICT-enhanced teaching and learning, gesture, mentoring. Quantitative analyses – surveys etc. Qualitative – interviews, phenomenography, grounded, discourse analysis.	PS
Gail Chittleborough	Primary science education Secondary science education The use of models and representations in teaching and learning science and chemistry The role of video in pre-service teacher education	PS
Russell Tytler	Student learning in science Language and science education Representation, learning and reasoning in science education Teacher learning and pedagogy School change Curriculum development and reform School science investigations Socio-scientific issues and reasoning Rural science and mathematics education School-community links in science and mathematics Assessment in science	PS
Ian Robottom	Environmental education curriculum development Professional development and evaluation	PS
John Cripps Clark	Primary science education	PS

	Practical activities in science education Cultural historical activity theory Science communication School-community collaborations in science Evidence based practice in education The use of video in pre-service teacher reflective practice Concept maps Professional experience as boundary crossing between education to work Museums and informal science education	
Linda Hobbs	Primary and secondary science education Pedagogical theory Teacher development, identity and experiences, mainly within the contexts of mathematics and science teaching Teaching out-of-field in maths and science, specifically issues relating to teacher identity and support.	AS
Peter Hubber	Teaching and learning science in primary and secondary school settings ICT in science education.	PS
Laura Barraza	Environmental Education Values and environmental and science education Teacher learning in environmental and science education Student reasoning about socio scientific issues	PS
Coral Campbell	Primary and secondary science education Early childhood education in science and mathematics Teacher learning in science and mathematics education Science education in rural and regional settings	PS
Wendy Jobling	Primary science education, teacher professional learning, student learning in science and technology.	PS

Centre for Research in Educational Futures and Innovation, School of Education[*]

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Researcher	Research interests	Supervision level
Jodie Kline	Rural/regional teacher education Effectiveness of teacher education Survey instrument design Computer assisted qualitative data analysis using NVivo 9.2 (familiarity with Leximancer and SPSS)	AP
Anne Keary	Feminist Methodologies TESOL pedagogy Mentoring and Tutoring in Secondary Schools	AP
Cate Gribble	International and comparative higher education Teaching and learning in international education international student migration higher education policy	AP
George Aranda	Neuroscience, visual perception, memory, neuroimaging, mental illness Science Education Science Communication Survey instrument design Video-analysis/Coding (StudioCode)	AP
Naarah Sawers	Children's and adult literature Narrative representations of bioethics Feminist methodologies Corporeality and agency	PS