



Staff Profiles

Kay Lembo

Kay is the manager of the Queensland S.T.E.M. Education Network and is establishment the state-wide consortium of university, education, scientific and community stakeholders. Kay has worked as a secondary science teacher with Education Queensland for over 20 years and has been involved with managing initiatives as part of Queensland's 'Spotlight on Science' and 'Science Education Strategy'. These involve coordinating the Toowoomba Technology Maths, Science Centre of Excellence (TTMSCE) and as Director of Southern Queensland Science Centre of Innovation and Professional Practice (SCIPP). Most recently her roles have been as National Manager, Program Delivery and Quality Assurance, Primary Industry Centre for Science Education (PICSE) and lecturing in science education at the University of Southern Queensland and Charles Darwin University. Kay's research interests include science education, teacher professional development and science teaching enhancement initiatives.



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Julie Crough

Julie is the Queensland S.T.E.M. Education Network (QSEN) Administration Officer based at Griffith University. Julie has been interested and involved in connecting and aligning science education in schools with real world science for more than 20 years. Her previous broad experience and roles include: Coordinator for the Primary Industry Centre for Science Education (PICSE) Science for Growth Awards; Project Leader for the Tropical Savannas Cooperative Research Centre; Communication Officer with CSIRO; as well as Secondary and Primary School teaching in Alice Springs.



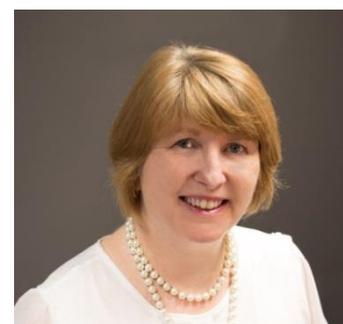
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Maria Barrett

Maria Barrett is the QSEN STEM Officer at Queensland University of Technology (QUT). In addition to developing and managing QUT's QSEN projects, Maria coordinates the Widening Participation program in QUT's Science and Engineering Faculty, which provides STEM outreach activities and career awareness experiences to primary and secondary schools in low income areas within the Brisbane North-Caboolture corridor. Maria has specialist expertise in teaching primary school science, and extensive experience in development of science communication initiatives and management of ecology research centres in the tertiary education sector.



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Marina Fitzpatrick

Marina Fitzpatrick is one of six QSEN consortium's project officers and is based at the University of the Sunshine Coast. She has been a key facilitator of a number of STEM initiatives including Education QLD's Science Centre of Innovation and Professional Practice (SCIPP), the Science and Engineering Education Centre (SEEC) and the Primary Industry Centre for Science Education (PICSE). QSEN is the latest expression progressing parallel project objectives to enhance STEM networks and implement authentic and engaging STEM experiences for middle school students.

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Sue Lanham

Sue is a Project Officer for the Queensland STEM Education Network based at the University of the Sunshine Coast. Sue has worked with a variety of projects and initiatives at the University as part of science outreach to schools and the wider science community. This has involved establishing effective working relationships and networks with schools, industry, government partners and community organisations in order to facilitate and deliver STEM (Science, Technology, Engineering and Mathematics) activities and events for school teachers and students.

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Sally McPhee

Sally is the STEM Education Officer based at Griffith University, Gold Coast campus. She has worked across Australia and the globe in the fields of conservation, science education and communication. Sally is a textbook example of how having a STEM background can provide you with quality skills and knowledges that can allow you to have an exciting, varied and meaningful career in exotic destinations.

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Jackie Mergard

Jackie is the Queensland STEM Education Network (QSEN) project officer based at the University of Queensland (UQ). For over twenty years she has created and delivered STEM outreach initiatives for both the Engineering and Science Faculties at UQ to engage schools and the wider community with science. She actively creates partnerships with teacher associations, community and education groups; federal, state and local government departments; scientific organisations and industry partners to promote interest and participation in science by teachers and students and the general public. Her initiatives have included one-to-one mentoring programs; interactive STEM workshops; competitions, science camps, public lectures and science festivals.

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Dr Lindy Orwin

Lindy is a Research Fellow for the University of Southern Queensland (USQ) and she works remotely. Lindy is the USQ representative for QSEN (Queensland STEM Education Network) and she is currently working on a number of research projects which aim to improve science, technology, engineering, arts and mathematics education (STEAM) in early childhood, primary, secondary, teacher professional learning and pre-service teacher education through the use of remote access technologies such as videoconferencing and remote sensing.

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Dr Linda Pfeiffer

Linda is a Research Fellow and lecturer in Science Education for CQUniversity and she is located at Gladstone Marina campus, Central Queensland. Linda is the CQUniversity representative for QSEN (Queensland STEM Education Network) and she is currently working on a number of research projects which aim to improve science and mathematics education at all levels including early childhood, primary, secondary and tertiary. She is involved in the Advancing Education government initiatives and has been selected as an Educator Collaborator for the 21st Century Minds program sponsored by Price Waterhouse Coopers. Linda recently won an Opal Award for the *Science Education Experience* two day PD event for educators held in Gladstone in August 2015. She is passionate about engaging people with the science in everyday life and building networks and partnerships.

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Dr Donna Rigano

Donna is the Project Officer for the Queensland STEM Education Network focusing on the promotion of mathematics. Based at James Cook University (JCU) in Townsville, Donna Rigano has been working in STEM education since 1991. Her research interests cover a range of areas including high school laboratory science, primary school scientific writing, emotions in science learning and maths teacher identity. With the JCU team, Donna is focusing on developing strategies that highlight how mathematics is crucial for future careers.

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