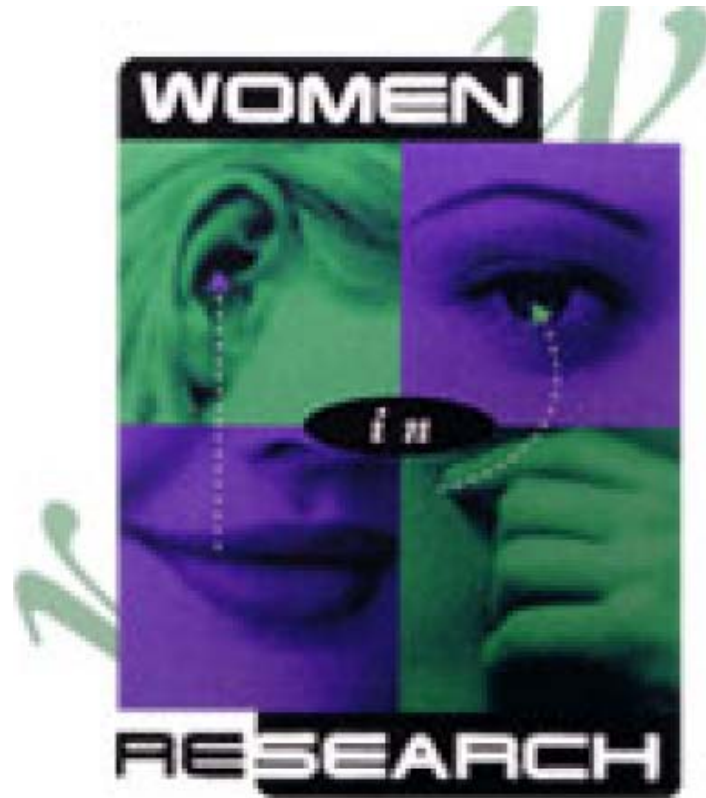


“DISCOVERY”

Discovering Research,
Discovering Teaching & Learning,
Discovering Self.

2003

Women in Research Conference



Central Queensland University
13-14 November 2003
Rockhampton, Qld
Celebrating 10 years of WiR @ CQU

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Welcome

On behalf of Women in Research (WIR) I would like to welcome you all to the ***Women in Research*** Discovery Conference, on this the 10th Anniversary of WIR. One of the aims of a conference is to promote the significant research that is undertaken by women and to showcase the diversity of women's research. The conference also embraces the diversity that our male colleagues bring and for this reason we are presenting research from both genders. This collaboration contributes to the rich tapestry of experience and knowledge and strengthens the bonds amongst us.

This conference gives our delegates an opportunity to present, to the broader community their research, thus raising community awareness of issues that do not always reach this level.

The WIR (Rockhampton Alumni) has assembled an exciting programme. I hope that you all enjoy the papers presented at this conference and take the opportunity to network with local, national and international colleagues who maybe working in your area of "Discovery". Please feel free to come and say hello throughout the conference, I'd love to meet you.

Lorna Moxham
Chair Women in Research.

Conference themes

In this year, 2003, WIR celebrates its tenth birthday at Central Queensland University. The special essence of this partnership is captured by the conference theme of 'Discovery'. As a leading tertiary provider, Central Queensland University has been both innovative and entrepreneurial, so for these reasons the conference theme fits like a glove with the values of CQU. The themes of 'Discovering Research' and 'Discovering Teaching and Learning' are core values of a progressive institution such as CQU. The third theme, 'Discovering Self', is equally important as many people entering university are embarking upon a journey that leads them along numerous paths of discovery. Discovering about your 'Self' gives you the ability to fly – it provides the wind beneath your wings. Go ahead and use the conference as an opportunity to discover even more!!

Women in Research

Women in Research was established in 1993, as a network to support and encourage women engaged in research and its related activities within the Central Queensland University environment. The group is active on all CQU's regional campuses: Rockhampton, Mackay, Gladstone and Bundaberg. All women involved in Research are invited to join.

Women in Research have four primary objectives:

- to identify the opportunities and constraints that women encounter when developing a research profile,
- to identify a network of people who will assist in supporting the development of women's research activities;
- to promote the idea that research encompasses all fields of inquiry and is not restricted to academic staff only;
- to maintain links and promote the significance of women's research contributions to the wider community.

Wir Executive Committee

| | | |
|------------------------|-----------------|----------------------|
| Dr Lorna Moxham | Chair | l.moxham@cqu.edu.au |
| Assoc Prof Helen Waite | Deputy Chair | h.waite@cqu.edu.au |
| Ms Julie Parry | Finance Officer | j.parry@cqu.edu.au |
| Ms Kaylene Douglas | Secretary | k.Douglas@cqu.edu.au |

Conference Steering/Editing Committee

| | | |
|--------------------|-------------------|-------------------|
| Dr Lorna Moxham | Dr Sandra Walker | Ms Trudi Dwyer |
| Ms Kaylene Douglas | Ms Judith Wooller | Ms Mary Cornelius |

Conference Secretariats

| | | |
|-------------------|---------------|--------------|
| Ms Mary Cornelius | Ms Kim Gohdes | Ms Gail Foex |
|-------------------|---------------|--------------|

Conference information

Disclaimer

The speakers, topics and times as shown are correct at time of printing. In the event of unforeseen circumstances the organiser reserves the right to delete or alter items in the program or substitute speakers.

Messages

There is a message board outside the Harvard Theatre in the courtyard near the registration desk. Please check at regular intervals. The phone number for the two days of the conference for incoming calls is 0408309341

Mobile Phones

Please ensure that all mobile phones and pagers are switched off during sessions.

Non-smoking policy

The courtyard and rooms in which the conference will be held are smoke free areas.

Registration Desk

Is located in the Courtyard of building 32.
Open from 8.00 am to 5.00pm on 13th November
Open from 8.30 am to 1.00pm on 14th November

Speaker's preparation

A room has been allocated for speakers who wish to view presentations before their session. There will be a computer available in Building 32, G 38.

Sponsors

WiR would like to thank the following sponsors who have generously supported this conference.

NRMA

Central Queensland University
Office of Research
DVC Professor Ron Davies
ADR Arts, Health and Sciences
ADR Engineering
ADR Business and Law
ADR Informatics and Communication
School of Health and Human Performance
School of Nursing and Health Sciences
WIST

Pearson Education

Rydges Capricorn Resort

| THURSDAY 13 NOVEMBER 2003 | | | | |
|----------------------------------|---|-----------------------|----------------------|-------------------------|
| 8.30 – 9.00am | Registration & Coffee/Tea - Courtyard #32 | | | |
| 9.00 - 9.25am | Welcome & Opening (Lorna Moxham, Ron Davies) Venue: Building 32/G.18 | | | |
| 9.25 - 10.25am | Keynote Address (Professor Gail Whiteford) Venue; Building 32/G.18 | | | |
| 10.25 - 10.45am | Morning Tea - Courtyard #32 | | | |
| | Room 32/G.18 | Room 32/G.17 | Room 32/G.16 | Room 32/LG.15 |
| Chairperson | Jenny Anastasi | Karen Gallie | Judith Wooller | Tansy Manning |
| 10.45 - 11.10am | 1. Sonja Cleary | 59. Sally Kift | 32. Teresa Moore | 3. Ainsley Harch |
| 11.15 - 11.40am | 10. Trudy Dwyer | 61. Linda McCluskie | 38. Mieke Witsel | 25. Julie Reis |
| 11.45 - 12.10pm | 13 Kerry Reid-Searl | 55. Doreen Rorrison | 45. Cheryl Kerr | 5. Mary Cornelius |
| 12.15 - 1.00pm | Lunch - Courtyard #32 | | | |
| 1.00 - 2.00pm | Keynote Address (Professor Vicki Sara) | | | |
| Chairperson | Sandra Walker | Julie Reis | Lorna Moxham | Kerry Reid-Searl |
| 2.00 - 2.25pm | 19. Jessica Kennedy | 48. Trudy Dwyer | 33. Melissa Boswood | 4. Jan Lewis |
| 2.30 - 2.55pm | 28. Geoff Dickson | 53. Jenny Anastasi | 35. Gemma Clissold | 20. Judi Parson |
| 3.00 - 3.25pm | 31. Naomi Sunderland | 57. Beres Joyner | 36. Alex Bright | 22. Mary Cornelius |
| 3.30 - 3.45pm | Afternoon tea - Courtyard #32 | | | |
| Chairperson | Kaylene Douglas | Dani Stehlik | Alex Bright | Trudy Dwyer |
| 3.45 - 4.10pm | 16. Angela Dobele | 49. Karen Windeknecht | 44. Gerry Neal | 2. Champika Gunathilaka |
| 4.10 - 4.40pm | 17. Erica Wilson | 51. Jo Luck | 46. Carolyn Jakobsen | 23. Denise Neville |
| 4.45 - 5.10pm | 6. Nancy Arthur | 54. Beth Tennent | 41. Lee-Ann Maher | 47. Margaret Haynes |
| 7.00pm | Conference Dinner (Dreamtime Centre*) (Speaker: Rachael Wallbanks) | | | |

* Dreamtime Centre is located on the Bruce Highway, otherside to CQU, approximately 500 metres north.

| FRIDAY 14 NOVEMBER 2003 | | | | |
|--------------------------------|---|---------------------|------------------------------|---------------|
| 7.00 - 8.30am | Breakfast Symposium (Professor Elizabeth Deane) Senior Common Room - Cap. College | | | |
| 9.00am | Housekeeping (Lorna Moxham) - Building 32/G.18 | | | |
| | Room 32/G.18 | Room 32/G.17 | Room 32/G.16 | Room 32/LG.15 |
| Chairperson | Trudy Dwyer | Jenny Klotz | Kaylene Douglas | |
| 9.15 - 9.40am | 27. Lorna Moxham | 60. Damian West | 9. Cristina Caperchione (GD) | |
| 9.45 - 10.10am | 21. Judith Wooller | 56. Dolene Rossi | 18. Nicola McNeil | |
| 10.15 - 10.40am | 8. Leanna Kent | 53. Jenny Anastasi | 50. Sonja Cleary | |
| 10.40 - 11.15am | Morning Tea - Courtyard #32 | | | |
| Chairperson | Judith Wooller | Sandra Walker | Lorna Moxham | |
| 11.15 - 11.40am | 11. Trudy Dwyer | 52. Judith Brown | 40. Karen Gallie | |
| 11.45 - 12.10pm | 15. Jenny Anastasi | 58. Jennifer Elsdon | 42. Janet Hall | |
| 12.15 - 12.40pm | 24. Jenny Klotz | 34. Julie Heron | 43. Prue Howard | |
| 12.45 - 1.45pm | Lunch - Courtyard #32 | | | |
| 1.45 - 2.15pm | Keynote Address (Professor Amy Zelmer) | | | |
| Chairperson | Kaylene Douglas | Tansy Manning | Mary Cornelius | |
| 2.15 - 2.40pm | 7. Tania Himing | 14. Jenny Anastasi | 37. Jenny O'Loughlin | |
| 2.45 - 3.10pm | 26. Helen Heery | 12. Trudy Dwyer | 39. Ann-Marie Priest | |
| 3.15 - 3.40pm | 29. Margaret Rogers | 30. Beres Joyner | | |
| 3.45 - 4.30pm | Afternoon tea - Conference Closure - Courtyard #32 | | | |

Key Note Speaker
Elizabeth M Deane
Dean, Division of Environmental & Life Sciences
Macquarie University

Profile and recent publications (1998 – 2003)

Deane is currently Head of Division of Environmental and Life Sciences at Macquarie University. Prior to this she consistently held academic leadership positions for the past fifteen years as Head of Department and Head of School at the university of Western Sydney. She has initiated and led the development of a number of educational programs, including the B. Sc (Biological Sciences), M. Clinical Sciences, M. Reproductive Medicine. B Liberal Studies all at UWS and the B. Health at Macquarie. Deane is also currently a Director of Biomed North, a consortium aimed at increasing the interface between university and hospital research and industry to deliver commercial outcomes. She has had significant experience in attracting funding for major projects and seeing them through to completion. These include two Evaluation and Investigation Program Grants, two DETYA Teaching and Learning Grants and two current Science Lectureship grants. Of the latter one of these projects is concerned with developing and delivering a program in Wildlife and Habitat Management for practitioners. This project has involved constructing a consortium of experts from agencies concerned with habitat and wildlife to contribute to the program.

Deane is an active researcher in the area of marsupial biology and management. She is a member of the executive for the CRC for Conservation and Management of Marsupials and as such has had broad experience in contributing to the direction of research programs in wildlife management. She is currently the recipient of an ARC SPIRT grant with Perth Zoo, and two ARC Linkage grants one with Taronga Zoo, the other with TGR Biosciences, Adelaide. These grants are directed at developed better management tools for captive and wild populations of marsupials and in examining innate defence strategies in these mammals. As Head of Division, Deane is also responsible for the effective operation of the Macquarie University Fauna Park. This responsibility includes both financial management as well as ensuring ethical compliance and management of the research population.

Key Note Speaker
Professor Vicki Sara, FAA, FTSE
Chief Executive Officer

Australian Research Council



Professor Vicki Sara was appointed Chief Executive Officer of the Australian Research Council in July 2001. From September 1997 to June 2001 she was the Chair of the Council and member of the Prime Minister's Science Engineering and Innovation Council (PMSEIC). She is Chair of the Bureau of Meteorology Advisory Board, and a member of the CSIRO Board, the Cooperative Research Centres Committee, and the Rio Tinto Foundation for a Sustainable Minerals Industry. She is a Fellow of the Australian Academy of Science, and the Australian Academy of Technological Sciences and Engineering. Professor Sara was appointed Vice-Chair of the OECD's Global Science Forum in 1999, and member of the Advisory Board of the APEC R&D Leaders' Forum in 2002.

Professor Sara returned to Australia in 1993 following a research career at the Karolinska Institute in Stockholm.

After receiving a UNESCO postdoctoral fellowship to Sweden, Professor Sara held various research positions at the Karolinska Institute, Stockholm, heading the Endocrine Pathology Research Laboratory. Whilst at the Institute she isolated a growth hormone factor responsible for regulating foetal brain development.

She was awarded the Rolf Luft medal in 1993 for excellence in endocrine research by the Karolinska Institute in recognition of her work, and also received the Sir John Eccles Award from the NH&MRC in 1994. She was appointed as foreign Professor of Karolinska Institute in 1995.

Prior to her appointment to the ARC, Professor Sara was Dean of Science at Queensland University of Technology (QUT). Other appointments at QUT included Head of School of Life Science, and Director of the QUT-based Cooperative Research Centre for Diagnostic Technologies.

For more information contact Professor Sara on (02) 6284 6605.

Keynote Speaker
Professor Gail Whiteford
Charles Sturt University



Professor Gail Whiteford currently holds the Chair of Occupational Therapy at Charles Sturt University in Albury, NSW Australia. She is also the Centre Director of the university's newest research centre, Research Into Professional Practice, Learning and Education: RIPPLE, she also holds positions as an Adjunct Professor at Dalhousie University in Canada and at James Cook University in Queensland. She has published internationally in the occupational therapy literature and is member of the editorial board of the Journal of Interprofessional Care based in London and is the Associate Editor of the Australian Occupational Therapy Journal. Gail is actively involved in research at her own university, currently undertaking a pilot study with Kosovar refugees and an intercultural competence study using critical incident methodology in Vietnam. She is the

Senate Nominee to the Research Management Committee and is convenor of the Women's Research Forum.

Keynote Speaker
Professor Amy Zelmer

Amy Zelmer's early career was in community health, nursing, adult education and university administration in Canada and India. She moved to Central Queensland in 1988 to become Principal Lecturer at the Capricornia Institute of Advanced Education and worked through the multiple changes of programs and institution to become the Foundation Professor and Dean for what became the Faculty of Health Science at Central Queensland University. Since "leaving the payroll" (some would say "retiring") in 1996 Amy has continued to supervise some post-graduate students, worked as a mediator and Joint Regional Director for the Queensland Anti-Discrimination Commission, been a member of two IDP delegations to the People's Republic of China, volunteered as an adult literacy tutor, become heavily involved with the Cochrane Collaboration (health research), prepared materials for Project Gutenberg and provided volunteer services for the CQU special Collections. She has also indulged in her interest in travel, survived a broken femur (which provided an experience of cross-cultural health care), struggled with tai chi and learned to swim!

STORMWATER STUDY OF GLADSTONE CITY

Champika Gunathilaka Meng student
Dr Jurek Piorewicz A/Prof
Centre of Environmental Management, CQU

The rain runoff from the streets can collect dirt, debris, oil, grease, pesticides, fertilizers and other harmful chemicals that eventually make their way into our rivers, creeks, lakes, harbour or ocean via storm drains, ditches, or over land. Thus reducing storm water pollution is a priority. Street runoff pollutants can include also inorganic salts, oil, grease, particles from the wear and tear of vehicles (rust, rubber, plastic), plastic bottles, rags leaves, and heavy metals (batteries, brake fluids, engine fluids, leaded paint, etc.). The study has been initiated at the CQU to evaluate quality and quantity of storm waters discharged from the Gladstone City into Port Curtis. At this initial stage the proposed presentation will include:

- General recognising of the problem of quality and quantity of storm waters
- Analysis of historical data connected with the rainfall probability and prediction in the nearest future for the Gladstone area
- Evaluation of the current stormwater system in Gladstone
- Program of monitoring, analyses and options towards reducing the amount of pollutant discharging through the stormwater system to Port Curtis

Keywords: Rainfall in Gladstone, Stormwater Quality, Rainfall pollutants, Gladstone stormwater system.