

SOUTH AUSTRALIA SECTION

“Quo Vadis Women in STEM? Medical Physics Status”

by Professor Eva Bezak
Professor in Medical Radiation, School of Health Sciences,
University of South Australia

Wednesday 22nd August 2018
SANTOS Petroleum Engineering Building, Room G13, Adelaide University
at 5:30pm -6:30pm



Abstract: Recent data from the Australian Institute of Physics reports a preference by females for life sciences to physical sciences, with a 2:1 ratio at school and a 4:1 ratio at university. This presentation investigates the current status of women and men in medical physics (MP) professions in Australia and New Zealand by examining the experiences, opportunities and challenges that women in our profession face. The survey provides direction for strategies to improve work-life balance and enable equitable engagement in the profession. The first is to identify and develop role models that actively model successful work-life balance and flexibility in gender roles and in professional conduct. The second is to improve the management skills of current and emerging administrators, advocating for improved work conditions for medical physics professionals at an organisation level. Finally, efforts need to be made to establish flexible professional development and career progression

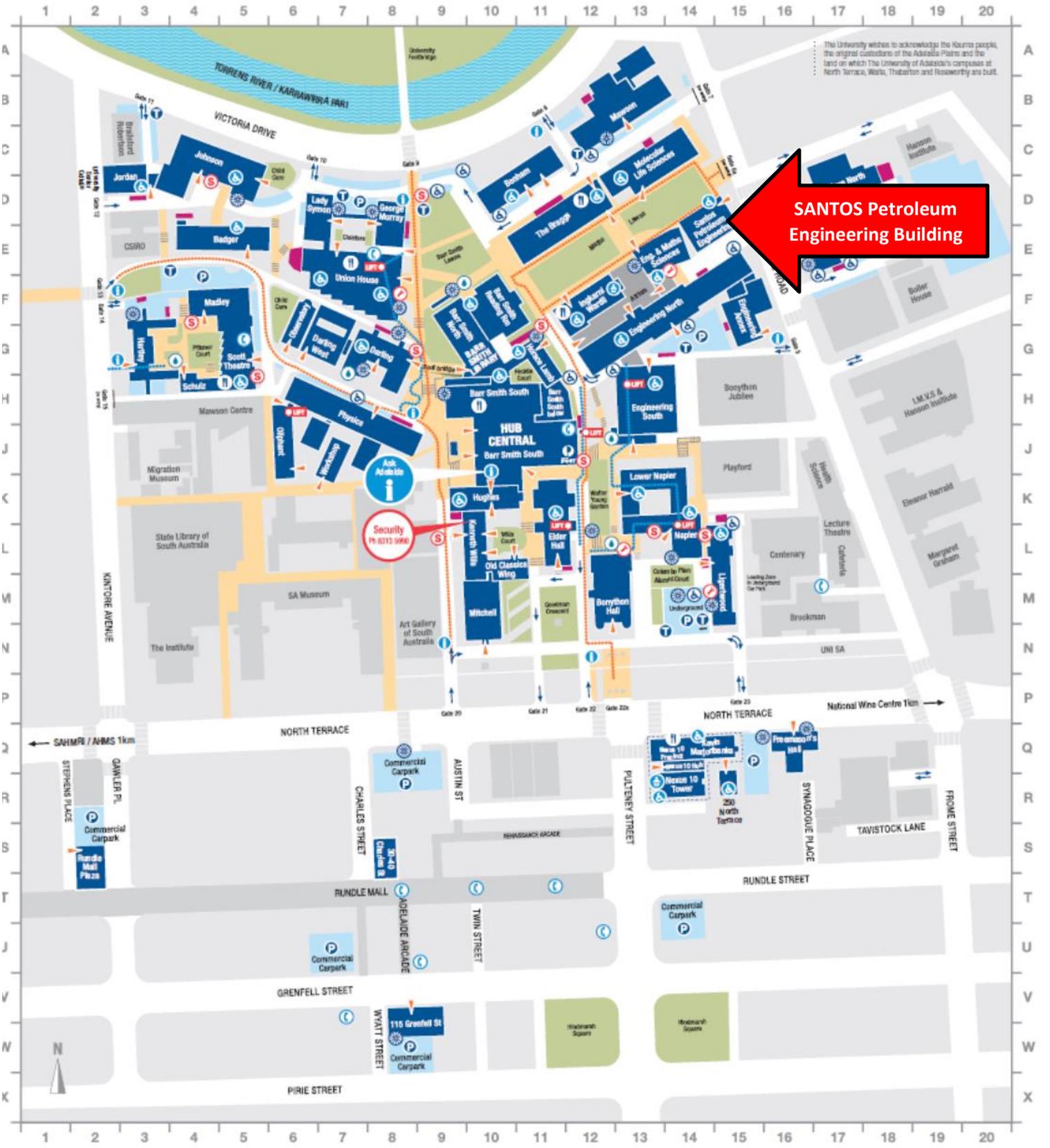
opportunities amongst those that are unable to commit to large workloads, which is common for those with child-rearing responsibilities. The realisation of these strategic goals will reduce the identified barriers to full female participation in the workforce, and shift gender-based subcultures within the workplace.

Biography: Eva Bezak is a Professor in Medical Radiations at the University of South Australia. Previously she was a Chief Physicist at Department of Medical Physics, Royal Adelaide Hospital, providing services to radiation oncology in South Australia (SA). She has authored and co-authored over 110 publications, 200 conference presentations and co-authored books on radiotherapy physics, radiation biology and novel therapies. She is actively involved in a number of development projects and organising committees, related to radiotherapy infrastructure, establishment of new radiotherapy centres, staff education and training, scientific meetings, policy development. She has been involved in development of national and state cancer plans for radiation oncology. She is currently appointed a member on the South Australian Radiation Protection Committee. She is an active member of medical physics professional community in Australia. In 2010-2011, Professor Bezak was elected the President of the Australasian College of Physical Scientists and Engineers in Medicine (ACPSEM), also serving as an Australian representative on the Asia-Pacific Federation of Medical Physics Committee. Recently, she was a member of the expert working group under the Australian Academy of Sciences to prepare a report on future accelerators in Australia. Currently, she is the chair of the Women in Medical Physics and Biomedical Engineering task group. In her spare time she likes to organize conferences.

EVERYONE WELCOME

SPONSORED BY THE WOMEN IN ENGINEERING AFFINITY GROUP

If you have any questions or require further information please contact [Tianshu Chu](mailto:t.chu6688@gmail.com), email: t.chu6688@gmail.com



SANTOS Petroleum Engineering Building

The University wishes to acknowledge the Kaurna people, the original custodians of the Adelaide Plains and the land on which The University of Adelaide's campuses at North Terrace, Waik, Thebarton and Roseworthy are built.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

A B C D E F G H J K L M N P Q R S T U V W X

A B C D E F G H J K L M N P Q R S T U V W X

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20