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| <b>Project Title: Analysis of Australians' sun exposure and sun protection behaviours in the Melanoma Genomics Managing Your Risk Study</b>  |  | <b>Code: SPH2</b>   |
| <b>Host School / Institute:</b> <a href="#">Sydney School of Public Health</a>   |  | <b>Address:</b> Level 6 North, The Chris O'Brien Lifehouse, 119-143 Missenden Rd, Camperdown, NSW |
| <b>Certificates &amp; Clearances required:</b> No  |  |   |
| <b>Primary Supervisor:</b> <a href="#">A/Prof Anne Cust</a>  |  |   |
| <b>Phone:</b> 02 86271565  | <b>Email:</b> <a href="mailto:anne.cust@sydney.edu.au">anne.cust@sydney.edu.au</a> |   |
| <b>Co-Supervisor/team:</b> This summer scholar position will be based with the Cancer Epidemiology and Prevention Research Group, Sydney School of Public Health, Faculty of Medicine and Health. The position will work predominantly on the Melanoma Genomics 'Managing Your Risk Study', which is a national randomised controlled trial funded by the NHMRC. The summer scholar will be supervised by Associate Professor Anne Cust and will work alongside the project manager and research assistants in the Managing Your Risk Study research team.   |  |   |
| <b>Project Type:</b> Data Analysis; Survey; Literature Review  |  |   |
| <b>Project Category:</b> Public Health; Epidemiology   |  |   |
| <b>Skills / Attributes of a successful student:</b> This project would suit a student with excellent attention to detail, good problem-solving and time-management skills, who works well in a team environment and is interested in epidemiology and/or biostatistics.  |  |   |
| <b>Project Keywords:</b> Melanoma; Prevention; Randomised controlled trial; Behaviour change; Genomics   |  |   |
| <p><b>Project Description:</b> Rationale: Melanoma and other skin cancers contribute greatly to the disease burden and healthcare costs in Australia. There is a need to further improve strategies that encourage prevention behaviours, such as minimising sun exposure during high ultraviolet (UV) radiation periods, and support early detection behaviours, such as skin examinations.</p> <p>Project and significance: Providing personalised, genomics-based melanoma risk information may encourage prevention and early detection behaviours. In the Melanoma Genomics 'Managing Your Risk Study' we are testing this hypothesis using gold-standard methodology, including a randomised controlled trial design and objective measures of sun exposure. We have recruited over 1,000 participants from across Australia to take part in this study. The summer scholar will analyse baseline data on sun exposure and sun protection behaviours from the Managing Your Risk Study, contribute to the study management (e.g. follow-up data collection, assisting with participant calls and UV dosimeter data) and may have the opportunity to contribute to literature reviews related to melanoma prevention and screening.</p> <p>Research environment: The summer scholar will be supervised by A/Prof Anne Cust, an epidemiologist who heads the Cancer Epidemiology and Prevention Research Group, Sydney School of Public Health, and is affiliated with the Melanoma Institute Australia. The summer scholar will work closely with the research assistants and project manager of the Managing Your Risk Study and will meet regularly with A/Prof Cust and the research team.</p> <p>Training and skills development: This project will facilitate training in the design, conduct and analysis of randomised controlled trials, and in the preparation of manuscripts for submission to peer-reviewed, scientific journals. The candidate may also have the opportunity to contribute to literature reviews.</p> <p>Outcomes and goals: The expected outcomes are co-authorship on a peer-reviewed paper, and knowledge and skills related to the design, conduct and analysis of randomised controlled trials and in behaviour change research.</p> |  |   |