

NHMRC Project Grants Background - SA, October 2008

| APP ID | Simplified Title | Lay Description | Amount | CIA | Institution |
|--------|---|--|------------|------------------------------------|--|
| 565312 | Gastrointestinal function and appetite in obesity - acute and longer-term effects of changes in energy intake | Beating the obesity epidemic - while weight loss diets help people to lose weight, body weight stabilises over time despite continued dieting. This research aims to understand the mechanisms that respond to acute and longer-term dietary restriction and will help to develop weight loss strategies that are successful in the long-term. | \$ 631,500 | Assoc Prof Christine FEINLE-BISSET | University of Adelaide |
| 565327 | Changing policy and practice in health care. | Better policy and practice for health care - Australia has limited systems in place to identify, then reduce or withdraw ineffective or inappropriate health care practices. Continued support results in sub-optimal care and inefficient use of scarce resources. We will develop a novel, systematic policy framework by linking policy, clinical, patient and community members as partners in the decision process for deciding whether or not to continue support for selected health care practices. | \$ 860,750 | Prof Janet HILLER | University of Adelaide |
| 535000 | Gene therapy to improve corneal graft survival | Restoring sight with better corneal transplants- The goal of our work is to improve outcomes for patients who are blind or seriously visually impaired as a result of corneal disease. Such patients can regain vision through a corneal transplant, but many such transplants fail. A corneal graft may fail because of an unwanted immune response, because blood vessels grow into the graft, or because some corneal cells die. We plan to transfer genes to the donor cornea in the laboratory, prior to corneal transplantation, to avoid such failure. | \$494,250 | Prof Keryn Williams | Flinders University |
| 565379 | Caries initiation across childhood to adulthood by exposure to water fluoridation | Fluoride in water - does it result in better teeth? - This research program is expected to contribute to filling significant gaps in the understanding of factors determining the oral health of Australian children and young adults. The purpose of the project is to develop a better understanding of the outcome of long-term exposure to fluoridated water among young adults. | \$193,375 | Prof John Spencer | University of Adelaide - Dental School |