**Overview of public Vidi summaries 2015**

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| **What you read is what you hear**  *Dr M.L. (Milene) Bonte, Cognitive Neuroscience*  Learning to read is an important milestone in child development and results in changes to the brain. In this study, the researchers carry out brain scans at different points in the reading development process to improve our understanding of how reading changes brain function and why this forms a stumbling block for children with dyslexia. |
| **The importance of personality in academic performance**  *Dr B.H.H. (Bart) Golsteyn, General Economics*  This research study examines the importance of personality in academic performance and the best ways to invest in it. Do rewards help students with less favourable personalities perform better academically? Is this to the detriment of personality expression in other tasks? Does acclimatisation make the reward less necessary? |
| **Re-examining early modern partnerships**  *Dr B. (Bram) Van Hofstraeten, Faculty of Law*  If and when legal historians study the countless yet relatively modest early modern partnerships, they often use theoretical source texts, such as legislation and jurisprudence. This project, based on more representative archival sources like partnership agreements, aims to uncover their true legal nature. |
| **Forbidden fruits: Does mindset determine how your brain perceives food?**  *Dr A. (Anne) Roefs, Faculty of Psychology & Neuroscience*  People in the West are known to be heavier than people in other regions due to the high availability of calorie-dense foods. Although delicious, these foods are extremely unhealthy. This project aims to determine whether a focus on health versus enjoyment affects how the brain processes food stimuli. Shifting the focus could make healthy eating (and weight loss) considerably easier. |
| **Inhibiting the release of platelets**  *Dr J.M.E.M. Cosemans, Molecular Biology*  A cardiac or cerebral infarction increases the risk of a second infarction. Researchers have found that this may be caused by the prolonged release of platelet proteins, despite the use of medications. This study aims to effectively inhibit this release in the hope of developing more targeted medications. |
| **Unwanted souvenirs**  *Dr J. Penders, Medical Microbiology and Epidemiology*  More and more Dutch people are travelling to countries known for having antibiotic-resistant bacteria. This study examines the occurrence and spread of antibiotic resistance among the Vietnamese population and Dutch travellers to Vietnam and other countries where antibiotic resistance is prevalent. The researchers use molecular techniques to identify antibiotic resistance in intestinal flora. |