Health

Condoms are more effective when applied by males: a study of young black males in the United States

*Annals of Epidemiology* | DOI: 10.1016/j.annepidem.2014.07.017

*When it comes to contraception, leave it to the men!*

Couples may often argue over whose responsibility it is to ‘take precautions’, but it’s fair to say the blame falls on both. Research published in *Annals of Epidemiology* investigated whether the female application of male condoms during intercourse is associated with higher or lower rates of breakage or slippage. In just under half (43.5%) of cases, young males who regularly let their female partners apply condoms reported one or more instances of breakage or slippage, compared with just 27% of those males who more regularly chose to apply it themselves. The findings suggest the need for education to focus on improving young women’s application and use of condoms.
Nannies' Knowledge, Attitude, and Management of Food Allergies of Children: An Online Survey

*The Journal of Allergy and Clinical Immunology: In Practice* | DOI: 10.1016/j.jaip.2014.07.017

Is your nanny ready to react to your child’s allergies?

Increasingly families are choosing in-home child care. However, as the rates of food allergy in children are rising, questions are raised about the lack of knowledge amongst nannies about child allergies. An online survey completed by 153 nannies, which was part of a study published in *The Journal of Allergy and Clinical Immunology: In Practice* has shown that there is a need for more stringent training and increased communication among parents, nannies, and physicians, on topics such as child healthcare, including allergy management.

Science and Technology

**Addition and subtraction in wild New Zealand robins**

*Behavioural Processes* | DOI: 10.1016/j.beproc.2014.08.022

How good are robins at maths?

When we think of birds, we think of birdsong and nests. But it appears we may have been overlooking their mathematical ability. A study published in *Behavioural Processes* investigated the mathematical ability in wild New Zealand robins, through behavioural responses to simple addition and subtraction problems over prey (mealworms). The robins searched for longer when finding fewer worms than were seen being hidden, and after finding unexpected quantities of worms. This demonstrates the potential arithmetic awareness of New Zealand robins in relation to changes in prey quantity.

**Enhancing Student Engagement Using the Flipped Classroom**

*Journal of Nutrition Education and Behavior* | DOI: 10.1016/j.jneb.2014.08.008

Back-to-front school

Engaging students in the classroom is not always an easy task. A new study published in the *Journal of Nutrition Education and Behavior*, has sought to find a solution: bring homework back to the classroom. Two undergraduate nutrition courses were monitored – one which followed the traditional model of class work and homework, and the second where these activities were reversed. The majority of students reported preferring the second method of study: rather than listening to a lecture in class and then going home to work on a paper, they read material and viewed videos beforehand, enabling them to engage in active learning strategies such as debates and case studies during class.

**Judicial error by groups and individuals**

*Journal of Economic Behavior & Organization* | DOI: 10.1016/j.jebo.2014.09.013

Three heads are better than one when reviewing criminal cases

Team work is often cited as the best way to get a job done, but in the context of a criminal case it could also prove key to reducing errors and the resulting number of unwarranted convictions or acquittal of defendants. A study published in the *Journal of Economic Behavior & Organization* found that having a team of three people consider cases was effective in reducing error, and in the situation of difficult cases, discussion and deliberation also led to less error.