



# WINNERS

2010



**MICHAEL STEELE**  
2010 GRADUATE  
University of Guelph  
Paper Title: Rumen epithelial adaptation to high grain diets involves the coordinated regulation of ketogenic and cholesterolgenic gene expression

2010



**LEE-ANNE HUBER**  
2010 UNDERGRADUATE  
University of Guelph  
Paper Title: Optimum dietary isoleucine and lysine levels in a phase III barley and wheat based pig starter diet

2009



**FAN LIU**  
2009 GRADUATE  
Nanjing Agricultural University  
China  
Paper Title: HSP70 as a New Biomarker in Development and Evaluation of Anti-Stress Feed Additive

2009



**TUNG M. CHE**  
2009 UNDERGRADUATE  
University Of Illinois At Urbana-Champaign  
Paper Title: Effects of Mannan Oligosaccharide on Immune Function and Disease Resistance in Pigs

2008



**CRAIG LOUDER**  
2008  
Utah State University  
Logan, United States  
Paper Title: The Estrogenic Mycotoxin Zearalenone and its Importance in Livestock Production

2007



**LUCAS MASCARDI**  
2007  
University of Buenos Aires  
Buenos Aires, Argentina  
Paper Title: Assessing Optigen As A Protein Source For Feedlot Calves

2006



**MATT SCOBIE**  
2006  
University of Saskatchewan  
Saskatoon, Canada  
Paper Title: The Use Of Feed Attractants And Palatability Enhancers In Aquaculture Diets

Official rules and regulations of the Alltech Young Scientist Program are available at [www.alltechyouthscientist.com](http://www.alltechyouthscientist.com).



PROMOTING RESEARCH

REWARDING TALENT

# 2012

The Alltech Young Scientist Award was created to promote research and develop talent among university students from around the world. These students are encouraged to join the company in the search for natural solutions in animal production, while also gaining valuable experience with a global leader in the industry.

Alltech is one of the world's leading animal health companies, providing natural, nutritional solutions to challenges facing the animal production industry. Since the company's founding in 1980, Alltech's research has served as a direct link between the industry and over 80 universities around the world.

Together, Alltech and the academic community have developed a number of solutions for the food and feed industries — solutions that are healthy, practical and profitable.



## HOW TO PARTICIPATE

To participate, students must write a scientific paper based on agricultural research in the areas of animal or plant technology. Sample topics will be provided by Alltech and published on our website. The contest will include two phases; the winner of the first phase will move on to compete for the grand prize at the global level.

**Dec 31, 2011** - Deadline for registration and paper submission at [www.alltechyounghscientist.com](http://www.alltechyounghscientist.com)

## UNDERGRADUATE STUDENTS

### Phase 1 – Regional Level

Participating students will submit their papers to a team of judges from the industry and Alltech. In each region, Alltech will award cash prizes:

**1st Place:** \$500 US Dollars

**2nd Place:** \$250 US Dollars

**3rd Place:** \$150 US Dollars

### Phase 2 – Global Level

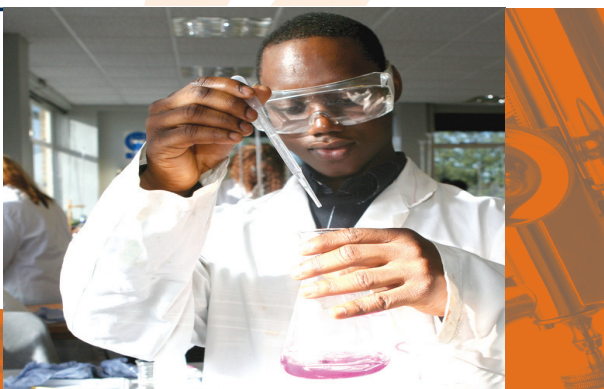
The winning student from each region will compete within their continent for a chance to attend the global competition held at Alltech's headquarters in Kentucky, USA. Out of 10 regional winners, 3 will be selected to advance. Students must prepare a 15-minute presentation based on their paper.

**1st Place:** \$5000 US Dollars

**2nd Place:** \$3000 US Dollars

**3rd Place:** \$2000 US Dollars

**May 22, 2012** - Final presentations and grand prize awarded during Alltech's 28th International Animal Health and Nutrition Symposium in Lexington, Kentucky.



## MASTERS/PHD STUDENTS

### Phase 1 – Regional Level

Participating students will submit their papers to a team of judges from the industry and Alltech. In each region, Alltech will award cash prizes:

**1st Place:** \$1000 US Dollars

**2nd Place:** \$500 US Dollars

**3rd Place:** \$300 US Dollars

### Phase 2 – Global Level

The winning student from each region will compete within their continent for a chance to attend the global competition held at Alltech's headquarters in Kentucky, USA. Out of 10 regional winners, 3 will be selected to advance. Students must prepare a 20-minute presentation based on their paper.

**1st Place:** \$10000 US Dollars

**2nd Place:** \$6000 US Dollars

**3rd Place:** \$4000 US Dollars

**May 22, 2012** - Final presentations and grand prize awarded during Alltech's 28th International Animal Health and Nutrition Symposium in Lexington, Kentucky.