

FOR IMMEDIATE RELEASE
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Young Filipino scientists bag awards at the 2009 Intel International Science and Engineering Fair

Four Filipino students were among this year's winners in the world's largest pre-college science and technology research competition, the Intel International Science and Engineering Fair (Intel ISEF) besting other equally talented students from some 56 countries.

Angeli Joyce Yap-Dy, 14, of Capiz National High School; Jovani Tomale, 16, of Davao City National High School; and the team of Kevin Jer David, 16, and Orven Jules Dumaoang, 16, of the Philippine Science High School Diliman Campus were selected from a field of 1,563 young scientists from 56 countries for exhibiting a true commitment to science and technology innovation.

Angeli received a 2nd Special Award from the American Association for Clinical Chemistry, taking home a \$1000 cash prize. Jovani also received a 2nd Special Award, this time from the American Statistical Association, which gave a \$500 cash prize. The team of Kevin and Orven meanwhile received a Grand Award in the Plant Sciences category, which carried a cash prize of \$500.

"We salute our young scientists who again made the country proud in international science fair. Congratulations too to Intel for being a strong partner of DepEd in helping develop a culture of science, math and engineering research in our schools," said Education Secretary Jesli Lapus

- Angeli's research, Study of the Cytotoxicity Against Human Lung (A549) and Colon (HCT116) Carcinomas, Antioxidant and Anti-Bacterial Properties of Milkfish (*Chanos chanos Forsskal*) Bile, looked into the properties of milkfish bile as a potential anti-cancer drug.
- Jovani's Mathematical Models for the Gender Determination of Philippine Eagles (*Pithecophaga jefferyi*) demonstrated a mathematical algorithm by which the gender of the Philippine Eagle could be determined. His study is expected to prove useful in the breeding of the endangered national bird.
- Kevin and Orven's study, Screening for Quorum Sensing Inhibitors from Surface-Associated Bacteria of *Halymenia durvillaei*, looked into the process by which disease-causing bacteria communicate and how this communication process can be disrupted so that the bacteria becomes less resistant to antibiotics and cannot cause diseases.

"The real end point of the Intel International Science and Engineering Fair is to elevate the recognition of achievement of the younger generation in academic and learning exercises," said Intel Chairman Craig Barrett. "I hope that more

young people will look at these students and realize they can be recognized for using their brains. You don't have to be a quarterback, a basketball player or a baseball player to be recognized by your peers and the public."

Now in its 59th year, the Intel ISEF is the world's only science project competition for students in the ninth through twelfth grades. The Intel ISEF brings together students, teachers, corporate executives, and government officials from around the world in competition for over \$4 million in scholarships, tuition grants, scientific equipment, and scientific trips.

Society for Science & the Public (SSP), a nonprofit organization dedicated to public engagement in scientific research and education, owns and has administered the International Science and Engineering Fair since its inception in 1950. In 1997, Intel became the title sponsor of the ISEF, providing heightened visibility to the fair, transforming the Intel ISEF into a world-renowned program with true international flavor and participation.

Intel's sponsorship of the Intel ISEF is part of the Intel's initiatives in advancing quality science education around the world, which is a key pillar of the company's overall corporate social responsibility (CSR) effort. "Intel Philippines is very proud of our winners in this year's Intel International Science and Engineering Fair. This is another demonstration of Filipino excellence. Given the right support, Filipino students can indeed compete and excel in international science competitions," said Arlita Narag, Corporate Affairs Manager, Intel Philippines.

Through the years, Intel has undertaken numerous initiatives in the area of education which have made a real and substantial impact in the lives of thousands of students throughout the country. The Department of Education (DepEd) has been a close partner of Intel in many of these initiatives.

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