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News Release

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Bay-Area Team Wins the Intel International Science and Engineering Fair

NEWS HIGHLIGHTS

- The Intel International Science and Engineering Fair, the world’s largest high school science research competition and a program of Society for Science & the Public, announced its top winners in Los Angeles.
- A team from Lafayette, Calif. received the Gordon E. Moore Award, a \$75,000 prize in honor of the Intel co-founder and retired chairman and CEO.
- One team from Thailand and one individual from Reno, Nevada were named Intel Foundation Young Scientist Award winners and each received prizes of \$50,000.

LOS ANGELES, May 13, 2011 – Matthew Feddersen and Blake Marggraff from Lafayette, Calif. were awarded the top prize at the Intel International Science and Engineering Fair, a program of Society for Science & the Public. They received \$75,000 and the Gordon E. Moore Award, in honor of the Intel co-founder and retired chairman and CEO, for developing a potentially more effective and less expensive cancer treatment that places tin metal near a tumor before radiation therapy.

Taylor Wilson from Reno, Nevada was named an Intel Foundation Young Scientist Award winner and received \$50,000. Taylor developed one of the lowest dose and highest sensitivity interrogation systems for countering nuclear terrorism.

The team of Pornwasu Pongtheerawan, Arada Sungkanit and Tanpitcha Phongchaipaiboon from Thailand also received an Intel Foundation Young Scientist Award. This team determined that a gelatin found in fish scales could be successfully used in modern day fish packaging – an invention that could have positive, long-term effects for the environment.

“We champion the Intel International Science and Engineering Fair because we believe that math and science are imperative for innovation,” said Shelly Esque, vice president of Intel’s Corporate Affairs Group. “This global competition features youth trying to solve the world’s most pressing challenges through science.”

This year, more than 1,500 young entrepreneurs, innovators and scientists were selected to compete in the Intel International Science and Engineering Fair, the world’s largest high school science research competition. They were selected from 443 affiliate fairs in 65 countries, regions and territories, including for the first time France, Tunisia, United Arab Emirates and Macao SAR of the People's Republic of China.

In addition to the winners mentioned above, more than 400 finalists received awards and prizes for their groundbreaking work. Awards included 17 "Best of Category" winners who each received a \$5,000 prize. The Intel Foundation also awarded a \$1,000 grant to each winner’s school and the Intel International Science and Engineering Fair-affiliated fair they represent.

The following lists the 17 Best of Category winners, from which the top three were chosen:

Category	Name	City	State/Country
Animal Sciences	Adrienne McColl	San Pedro	California
Behavioral and Social Sciences	Andrew Kim	Athens	Georgia

Biochemistry	Dianna Hu	Dix Hills	New York
Cellular and Molecular Biology	Nithin Tumma	Fort Gratiot	Michigan
Chemistry	Raghavendra Ramachanderan	Chennai	India
Computer Science	Lai Xue	Chengdu	China
Earth and Planetary Sciences	Jane Cox	Provo	Utah
Engineering: Electrical and Mechanical	Demitri Hopkins	Tigard	Oregon
	Forrest Betton		
	Eric Thomas	Beaverton	
Engineering: Materials and Bioengineering	Samantha Marquez	Midlothian	Virginia
Energy and Transportation	Nathan Kondamuri	Dyer	Indiana
Environmental Management	Pornwasu Pongtheerawan	Meung	Thailand
	Tanpitcha Phongchaipaiboon		
	Arada Sungkanit		
Environmental Sciences	Jinyoung Seo	Go-Yang City	South Korea
	Dongju Shin	Seoul	South Korea
Mathematical Sciences	Matthew Bauerle	Fenton	Michigan
Medicine and Health	Matthew Feddersen	Lafayette	California
	Blake Marggraff		
Microbiology	Erica Portnoy	Dix Hills	New York
Physics and Astronomy	Taylor Wilson	Reno	Nevada
Plant Sciences	Kira Powell	Odessa	Washington

Society for Science & the Public, 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.

“We congratulate the top winners for having the drive and curiosity to tackle these significant scientific questions,” said Elizabeth Marincola, president of Society for Science & the Public. “Their work, and the work of all of the finalists at the Intel International Science and Engineering Fair, demonstrates what students can accomplish when they are inspired to pursue inquiry-based research.

The Intel International Science and Engineering Fair finalists are evaluated onsite by hundreds of judges from nearly every scientific discipline, each with a Ph.D. or the equivalent of six years of related professional experience in one of the scientific disciplines. A full listing of finalists is available at www.societyforscience.org/intelisef2011. The Intel International Science and Engineering Fair 2011 is funded jointly by Intel and the Intel Foundation with additional awards and support from dozens of other corporate, academic, governmental and science-focused organizations.

To get the latest Intel International Science and Engineering Fair news, visit www.intel.com/newsroom/education, join the Facebook group at <http://intel.ly/intel-edu> and follow Twitter updates at http://twitter.com/intel_education. To join Intel's community of people sharing their stories with the hope of becoming a catalyst for action and a voice for change in global education, visit www.inspiredbyeducation.com.

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