Four (4) of 40 finalists selected nationwide in the prestigious Intel Science Talent Search (STS) research competition for high school seniors did their prize-winning work with Stony Brook faculty. These 2010 Intel STS finalists include:

Yuval Calev from Ward Melville HS, East Setauket who worked with Dr. Arthur Samuel in Psychology
  Project: Language Perception, Production, and Memory: A Comparison of Older and Younger Adults

Ruoyi Jiang from Ward Melville HS, East Setauket who worked with Dr. Carlos Simmerling in Chemistry
  Project: Targeting Loop Dynamics in $\beta$II/$\beta$III Isotype Tubulin: The Application of in silico Techniques in Combating Chemotherapy Drug Resistance

Paul Masih Das from Lawrence HS, Cedarhurst who worked with Dr. Miriam Rafailovich in Materials Science & Engineering
  Project: Novel Chemical Synthesis for >1 $\mu$m2 Graphene Sheets

Joshua Pfeffer from North Shore Hebrew Academy HS, Great Neck who worked with Dr. Martin Rocek in Physics & Astronomy/C.N. Yang Institute for Theoretical Physics
  Project: Super Kähler-Ricci Flow

These Intel STS Finalists will be presenting their work at the National Academy of Sciences, Washington, D.C., in mid-March and will compete for over $630,000 in awards. One of the finalists, Ruoyi Jiang of Ward Melville High School who worked with Prof. Carlos Simmerling in Chemistry, was also recently awarded the $100,000 Grand Prize (individual) in the 2009 Siemens Competition in Math, Science and Technology.

It is noteworthy that of the 300 Intel STS semifinalists announced on 1/13/10, 34 did their
research under the mentorship of Stony Brook faculty from the departments of Anesthesiology, Biochemistry & Cell Biology, Biomedical Engineering, Chemistry, Computer Science, the Dental School-Oral Biology, Ecology & Evolution, Geosciences, Materials Science & Engineering, Medicine, Neurobiology & Behavior, Pharmacological Sciences, Physics & Astronomy, Psychiatry & Behavioral Sciences, Psychology, the School of Marine & Atmospheric Sciences, and/or the C.N. Yang Institute for Theoretical Physics.

The names of our Intel Science Talent Search finalists & semifinalists and their SB research mentors are posted at:
http://www.stonybrook.edu/simons/intel.htm

CONGRATULATIONS TO ALL OUR STONY BROOK MENTORS!

- Karen Kernan

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