Jeffrey Epstein VI Foundation

Supporting innovation in science and education.

Recent Projects:

Program For Evolutionary Dynamics

The Program for Evolutionary Dynamics is a graduate department at Harvard University. Under the direction of Martin Nowak, an evolutionist and professor of mathematics and biology at Harvard, the Program studies the evolution of molecular biology with the primary use of mathematics. It is one of the first departments to develop a mathematical model of how cancer cells evolve as well as infectious bacteria and viruses such as HIV. The Program's models have led to key discoveries towards fighting several diseases. More recently, pivotal work has been done in mapping colon cancer resistance to inhibitor drugs, mapping the progression of pancreatic cancer, targeting the topology of minority mutations that drive tumor growth and creating a database to predict and minimize resistance to HIV drugs. Other current research topics include: evolution of cooperation, cancer, viruses, evolutionary game/graph/set theory, prelife, protocells, eusociality, evolution of construction, population structure, evolution of language, experimental games, and evolutionary economics. Their ambitious goals include curing the world of cancer, infectious disease, selfishness, and inclusive fitness theory.

NeuroTV

NEURO tv is a monthly videocast online conversation between neuroscientists, psychologists and philosophers to share current academic research about the brain and the mind. Every month NeuroTV airs one of these discussions with graphics and drawings to help the public at large understand the scientific questions at the heart of brain and cognitive research. NeuroTV's guest speakers include numerous eminent professors and scientists. Two recent guests, May-Britt and Edvard Moser, directors of the Kavli Institute for Systems Neuroscience, were awarded the 2014 Nobel Prize in Medicine for the discovery of grid cells. Other guests include: Hank Greely, Director of the Center for Law and the

Biosciences and Professor of Genetics, at the Stanford School of Medicine. 12 episodes are aimed for 2015. Guests include Michael Platt, Director of the Duke Institute for Brain Sciences and Jeffrey Schall, Director of the Center for Integrative Cognition and cognitive Neuroscience.

Open Cog Foundation

The Open Cog Foundation is an open source software programming non-profit organization in the field of Artificial Intelligence. Based in Hong Kong, Open Cog seeks to provide the most cutting edge AI programming to the academic public for purposes of accelerating research and development in this incredibly fast growing, dynamic field. Open Cog was founded by AI scientist, Ben Goertzel, PhD. Mr. Goertzel is CEO of AI software company Novamente LLC and bioinformatics company Biomind LLC; Chief Technology Officer of biopharma firm Genescient Corp.; Vice Chairman of Humanity+; Advisor to the Singularity University and Singularity Institute; External Research Professor at Xiamen University, China; and general Chair of the Artificial General Intelligence conference series. OpenCog is currently being used at the Hong Kong Polytechnic University to power the next generation of intelligent game characters. The framework is also being used to control Nao robots at the BLISS lab at Xiamen University, China, to enable them to learn about their environment and communicate more effectively with humans.

STEM Science Fair in the USVI

The St. Thomas-St. John STEM Fair, the largest student science fair in the USVI, was organized by the Virgin Islands Department of Education and brought together hundreds of grade school students from across the islands, to showcase their science work for awards at the University of the Virgin Islands Sports and Fitness Center. STEM stands for Science, Math, Engineering and Technology. The Jeffrey Epstein VI Foundation supplied more than a hundred Microsoft Surface 2 computers, Touch keyboards and Nylon Sleeves for Microsoft Surface. The foundation also provided funds to host the STEM Fair, and travel and accommodations funds for the winners and chaperones to attend the STEM summer camps. The caliber of the 165 projects at the STEM fair were astounding. One 11 year old prize winner, Ricky James Jr., showed how to power a calculator with a penny instead of batteries. Other projects included a solar powered speed boat and a juicer made from a garbage door motor and recycled dishwasher parts. The top scorers in each category were given a trophy, a STEM plaque, certificate and an iPad. Categories ranged from science research, demonstrations, math real world problem investigations, math real world models, music technology and software programming.

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