

INTEL ISEF 2010 GRAND AND SPECIAL AWARDS BRAZILIAN WINNERS

TAMARA GEDANKIEN (17)

Gemara and Gematria: A Case Study on the Effects of the Use of Sociocultural Contextualizing for the Learning of Mathematics - Behavioral and Social Sciences
Escola Brasileira Israelita Chaim Nachman Bialik
São Paulo, SP (finalista MOSTRATEC)

Grand Awards:

- Intel ISEF Best of Category Behavioral and Social Sciences Award of \$5,000 (plus \$1,000 to her school, plus \$1,000 to Affiliated Fair),
- First Award Category Behavioral and Social Sciences of \$3,000.

Special Award:

- Illinois Institute of Technology - Renewable Scholarship to the IIT Institute of Psychology \$15,000 per year for up to four years.

ALEJANDRO MARIANO SCAFFA (17)

Ethanol Production Yield Improvement by Sterilization of the Sugar Cane Juice (Garapa) via Microwave - Biochemistry
Escola Americana de Campinas
Campinas, SP (finalista Escola Americana de Campinas)

Grand Awards:

- Intel ISEF Best of Category Biochemistry Award of \$5,000 (plus \$1,000 to her school, plus \$1,000 to Affiliated Fair),
- First Award Category Biochemistry of \$3,000.

WILLIAM LOPES (20)

Utilization of the Fungus Aspergillus niger on Wastewater Treatment II - Microbiology
Fundação Escola Técnica Liberato Salzano Vieira da Cunha
Novo Hamburgo, RS (finalista MOSTRATEC)

Grand Awards:

- Second Award Category Microbiology of \$1,500.

Special Awards:

- GOOGLE Secret Change Agent Award of \$10,000 as a project that could create positive impact in its neighbourhood and in the global society,
- National Collegiate Inventors and Innovators Alliance / The Lemelson Foundation – recognition to innovation and invention that addresses critical basic human needs - Award of \$1,000.

KAROLINE ELIS LOPES MARTINS (18)

Construction of a Continuous Flow SODIS System with PET Bottles Integrated to a Water and Waste-Water Treatment System - Environmental Management
Centro Federal de Educação Tecnológica de Minas Gerais
Belo Horizonte, MG (finalista FEBRACE)

Grand Award:

- Third Award Category Environmental Management of \$1,000

Special Awards:

- GOOGLE Secret Change Agent Award - \$10,000 as a project that could create positive impact in its neighbourhood and in the global society.
- International Council on Systems Engineering – INCOSE – one of the 10 best interdisciplinary projects that can produce technologically appropriate solutions the meet societal needs
- National Collegiate Inventors and Innovators Alliance / The Lemelson Foundation – recognition to innovation and invention that addresses critical basic human needs - Award of \$1,000

JOAO BATISTA DE CASTRO DAVID JUNIOR (17)

Identification of Biological Insect-larvicides - Medicine and Health Sciences

Colégio Estadual Liceu de Maracanaú,
Maracanaú, CE (finalista FEBRACE)

Grand Award:

- Third Award Category Medicine and Health Sciences of \$1,000

Special Awards:

- CACO - Pharmaceutical & BioScience Society - Third Award \$500
- National Collegiate Inventors and Innovators Alliance / The Lemelson Foundation – recognition to innovation and invention that addresses critical basic human needs - Award of \$1,000

EDUARDO TRIERWEILER BOFF (18)**LUCAS STRASBURG FERREIRA (18)**

*REVO FOOT: Low Cost Orthopedic Prosthesis to Lower Limb Amputations,
Produced from Recyclable Materials* - Engineering: Materials and Bioengineering

Fundação Escola Técnica Liberato Salzano Vieira da Cunha,
Novo Hamburgo, RS (finalistas MOSTRATEC)

Grand Award:

- Second Award Category Team Projects of \$500

LEONARDO DE OLIVEIRA BODO (15)

*Weaving Health: The Weaving of Antimicrobial Substances from the Ootheca of the Spider,
Phoneutria nigriventer*

Colégio Dante Alighieri
São Paulo, SP (finalista MOSTRATEC)

Grand Award:

- Third Award Category Biochemistry of \$1,000

Special Award:

- American Society of Pharmacognosy - First Award of \$500

BRUNA FAVETTA (16)

*Assessing Changes in Collagen Levels of Prostate Tissue from Castrated Rats Using Non-linear
Optics*

Escola Americana de Campinas (finalista Escola Americana de Campinas)
Campinas, SP

Grand Award:

- Fourth Award Category Physics and Astronomy of \$500

HEITOR GERALDO DA CRUZ SANTOS (15)

Nutrition Education in Brazilian Schools: A New Methodology - Behavioral and Social Sciences

Associação Educacional e Cultural Arco-Iris
Recife, PE (finalista FEBRACE)

Special Award:

- Psi Chi, The International Honor Society in Psychology awarded to the best projects in psychological science - Third Award of \$150

AMANDA DE LA ROCQUE RODRIGUES (18)**CARLOS HENRIQUE LEITE DA SILVA (18)****PAOLO DAMAS PULCINI (18)**

Recycling of Styrofoam: Application in Retention of Water Heavy Metal Ions - Environmental
Management

Escola Técnica Estadual (ETEC) Getúlio Vargas
São Paulo, SP (finalistas FEBRACE)

Special Award:

- American Chemical Society - Honorable Mention Award – All award winners and honorable mentions receive a subscription to "ChemMatters".

No total, os estudantes brasileiros conquistaram 21 premiações na ISEF 2010.