

Institute Of The Natural Sciences
Inter-American University of Puerto Rico
San Germán, P. R.



SCIENCE CLUBS OF AMERICA

SEVENTH ANNUAL
REGIONAL
SCIENCE FAIR

Beverley Hall

APRIL 2-4, 1964



The Seventh Western Regional Science Fair
joins Beverley Hall in celebrating the First
Anniversary of the opening of its *Coffee Shop*

Once more the Inter-American University takes pleasure in sponsoring the Western Regional Science Fair. Once more the Science Fair Committee and the Institute of the Natural Sciences take pleasure in inviting you to the exhibit. More than 500 Secondary School Students will be exhibiting their science projects and thousands of persons will come to see them. We want you to join us to help stimulate these youngsters to go on in the pursuit of science. In so doing you will be more than repaid in your effort.

Towns participating and time schedule for setting up the exhibits in Beverley Hall

Wednesday, April 1, 1964.		Ponce	4:00-4:30
San Germán	1:00-1:15 PM	Juana Díaz	4:30-4:45
Lajas	1:15-1:30	Isabela	4:45-5:00
Sabana Grande	1:30-1:45	San Sebastián	5:00-5:15
Cabo Rojo	1:45-2:00		
Hormigueros	1:45-2:00	Thursday, April 2, 1964.	
Yauco	2:00-2:15	Santa Isabel	8:00-8:30
Añasco	2:00-2:15	Salinas	8:00-8:30
Rincón	2:15-2:30	Quebradillas	8:15-8:45
Guayanilla	2:15-2:30	Camuy	8:15-8:45
Peñuelas	2:30-2:45	Hatillo	8:15-8:45
Moca	2:45-3:00	Arecibo	8:30-9:00
Aguada	3:00-3:15	Utua	9:15-9:45
Aguadilla	3:00-3:30	Villalba	9:45-10:15
Ramey	3:30-4:00	Adjuntas	10:00-10:30
Mayagüez	3:00-4:00	Jayuya	10:15-10:45
Las Marías	3:45-4:00	Coamo	11:00-11:30
Maricao	4:00-4:15	Lares	11:15-11:30
Guánica	4:00-4:15		

Richard Ira Gomberg, awarded 1st. Grand Prize at last year's Regional Fair and winner of 4th prize in Physics and Army Award in the National Science Fair 1963. Director Dr. Vélez at left.



The Western Regional Science Fair Committee

DEDICATES

This Seventh Science Fair to

DR. BOYD BURTON PALMER

CO-Founder, and for forty years Chairman, of the Department of Biology of

Inter-American University of Puerto Rico

- Who possesses a B.A. and an Hon. Sc. D. from Park College, which is considered the parent college of Polytechnic Institute of Puerto Rico now Inter-American University.
- Who possesses a B.S. and an M.S. degree from the great University of Illinois, inspirer of many scientists and teachers.
- Who for forty years has struggled as instructor of Entomology and Evolution and many other subjects in the field of Biology in this great Inter-American University.
- Who has devoted his entire life to the teaching of the youth of Puerto Rico.
- Who has beautifully, effectively and consistently combined his Christian convictions and practices with his teaching of science, especially the teaching of Biology, and specifically the teaching of organic evolution with the result that he has gained and retained the respect of scientists and theologians.
- Who has inspired countless doctors, theologians, lawyers and educators of all sorts to become leaders in their respective professions.
- Who has consistently demanded excellence in academic and social performance from his students but has always adapted his requirements to changing times and conditions.
- Who is a fellow of A A A S, member of Sigma Xi, Phi Sigma, Gamma Sigma Delta, S A A C A, Beta Beta Beta, of which he was regional vice president and who appears in Who is Who in American Education.
- Who se high sense of humor and understanding of human nature have made him an unequalled counsellor of students, and
- Who this year arrives at a well-deserved active retirement by which he can continue to be our counsellor, teacher and spiritual guide in this His Inter-American University of Puerto Rico.

Decided upon this 1st day of March, 1964 by the

Science Fair Committee

Awards And Special Prizes

First (Gold), second (Silver), and third place (Bronze) and Honorable Mention (Copper) medals will be awarded in each of the nine classifications.

A diploma certificate will be given to each participant.



The United States Army offer awards in the following seven categories:

Botany
Chemistry and Biochemistry
Environmental (Earth and Space)
Mathematics

Medicine
Physics
Zoology



Army Aviation Association of America Awards:

Aerodynamics

Supporting Techniques

Propulsion



United States Navy Science Cruiser Awards

Principal Award Certificate
First Alternate Award Certificate
Second Alternate Award Certificate

Principal Award will spend about 5 days at land-based research facilities and/ or on ships at sea to observe science in the Navy.



United States Air Force Certificates of Achievement will be given in each of these classifications:

Aerospace Sciences
Nuclear Sciences

Electronics
Aerospace Medicine

Aerospace Power

National Aeronautics and Space Administration Certificates of Merit will be given in each of the following categories:

Space Vehicles
Space Life Sciences
Space Physical Sciences

Aerodynamics and Space Flight
Space and Propulsion Systems
Space Electronics and Communications



HANDBOOK OF CHEMISTRY AND PHYSICS by the Chemical Rubber Company, Cleveland, Ohio.

New American Library of World Literature- 50 paper-bound Mentor and Signet Key Science Books.

Field Enterprises Educational Corporation- 20 Volume World Book Encyclopedia.

Certificate Awards by the National Careers in Medical Technology in cooperation with Intersociety of Pathology Information.

Premio "Colegio de Farmacéuticos de Puerto Rico".

The Grolier Society- 10 Volume set of the "Book of Popular Science" to the student whose exhibit is selected as best in the Junior Division.

Award winners who are High School Juniors or Seniors may ask the Science Fair Committee to send letter of recommendation to specific colleges.



Inter-American University pays the National quota of \$100.00 that permits the two top winners to exhibit their projects in the National Science Fair, which this year will be held in Baltimore, Maryland, May 5-9. Inter-American University will also help the two top winners make arrangements for their transportation to and from the National Fair, and see that they are properly accompanied by adult escorts, but will not pay the transportation. It will pay the tickets to the final banquet and any other required fees, and the hotel expenses for the required time at the fair, to the topmost winner (only one). The winners themselves, or their families, or school district etc., will be responsible for the cost of transportation, if they wish to participate in the National.

ELIGIBILITY: Exhibits prepared by individual students in grades 7-12 on any scientific or mathematical subject which have won an award during the past year from any public, private or parochial school and which have obtained appropriate awards in a District Fair in the jurisdiction of this Regional Science Fair. Any such exhibit prepared by a group of no more than three students (grades 7-9 only) is also eligible.

REGULATIONS: No exact duplication of a project displayed at any previous Regional Science Fair will be permitted.

Entries will be classified under "Senior Division" and "Junior Division".

Group and individual exhibits will be judged separately.

A contestant may enter only one exhibit.

Teachers or sponsors may advise students in the preparation of an exhibit but may not help build any part of it.

CLASSIFICATIONS: Senior Division, grades 10th, 11th, and 12th.

Biological Sciences

Botany
Medicine and Health
Zoology

Physical Sciences

Chemistry and Biochemistry
Earth and Space Sciences
Physics
Mathematics and Computers

Junior Division, grades 7th, 8th, and 9th.

Mathematical Sciences
General Sciences

Schedule

April

Wednesday	1	2:00-4:00 P.M.	Receive projects *
Thursday	2	8:00-12:00 A.M.	" "
		1:00-P.M.	Judges briefing session
		1:15-5:00 P.M.	Judging in class (Movies and lectures will be provided in the premises, so as to keep exhibitors available in case the judges need them).
		5:00 P.M.	Judges Dinner
		6:30 P.M.	Judging for Grand Prizes
		7:30 P.M.	Opening ceremonies - Fair
		open to public till 10:00 P.M.	
Friday	3	8:00 A.M. 9:00 P.M.-	Fair open to public
Saturday	4	8:00 A.M. 4:00 P.M.-	" " " "
		3:30 P.M. 4:30 P.M.	Prize granting session
		4:30 P.M. 5:30 P.M.	Pick Projects Up.**

* According to schedule by towns printed on page 2 of this program.

** All exhibits must be removed during this hour. Not before. The Science Fair Committee nor the cooperating groups or sponsors assume any responsibility for loss or damage to any exhibit or part thereof after 5:30 P.M., Saturday April 4, 1964.

Nancy Lynn Gordon, awarded 2nd. Grand Prize at last year's Regional Fair, accompanied by Coordinator Mr. Toro-Quiñones. Attended National Science Fair 1963.



Science Fair Staff

Director: Dr. Ismael Vélez

Coordinator: Mr. Francisco Toro-Quiñones y Silva

Committees

Student Activities Committee

Mr. Lance Erickson, Chairman
Dr. Boyd B. Palmer
Mr. John Harricharan
Mr. René Camacho
Mrs. Manuelita Vélez
Mr. Gualberto Marrero
Miss. Nilda García
Mr. Dennis Osborne

Awards and Decorations Committee

Miss Rebeca Bey, Chairman
Miss Carmen Iris Ramírez
Mrs. Betty Bahamundi
Mr. Hiram Puig
Miss Olga Bey
Mrs. Zenaida S. Bey
Miss Deliz Flores
Miss Isabelita Jusino

Physical Arrangements and Planning Committee

Mr. Charles K. Evans, Chairman
Mr. Salvador Sáez
Mr. Angel de J. Flores
Mr. José Angel Flores
Miss Nilda Villanueva
Mr. Francisco Toro-Quiñones y Silva, *ex-officio*
Miss Rebeca Bey, *ex-officio*

Judging Committee

Mr. Victor A. Capriles, Chairman
Dr. Winston H. Reed
Dr. Boyd B. Palmer
Mrs. Marta Valle de Nieves



FOUNDED: MCMLXII