

Physics Day at Lagoon 1999

The ninth annual Utah State University Physics Day at Lagoon was held on May 21. This year marked an important transition as organizers from Idaho National Engineering and Energy Lab (INEEL) and the Rocky Mountain NASA Space Grant Consortium took the lead with the USU Physics Department in running the event. There were approximately 3,000 students and 110 teachers from 60 schools in four states [Utah, Idaho, Nevada and Wyoming] who attended. Participation in most events increased and almost 50% of the students registered for an organized activity.

Event	High Schools	Middle Schools/ Junior High Schools
Physics Bowl	20 Teams, 60 Students	---
G-forces Contest	73 Students	151 Students
Demonstration Design Contest	25 Entries, 85 Students	15 Entries, 40 Students
Ride Design Contest	15 Entries, 40 Students	79 Entries, 175 Students
Logo Design Contest	115 Entries, 140 Students	70 Entries, 90 Students
Student Workbooks	12 Schools, 200 Students	12 Schools, 250 Students
Teachers Curriculum Contest	2 Teachers	2 Teachers
Total Contest Participation	570 Participants	706 Participants
Totals Registered	27 Schools 45 Teachers 1200 Students	28 Schools 61 Teachers 1800 Students

About thirty-five faculty, staff, and students from the USU Physics Department and about twenty-five additional helpers from INEEL and other sponsoring agencies were on hand to assist with registration, organization and contest judging. There were an estimated \$18,000 in prizes awarded this year. Sponsors included Boeing, Hansen Planetarium, Lagoon, Ralcon, Thiokol, USU College of Science, and USU High School Relations.

Media coverage included KUED Ch 5, KJZZ Ch 13, the Ogden Standard Examiner, and a couple of additional papers.

Summary of Prizes Awarded

Sponsor	Items	Quantity Awarded	Unit Price	Total Dollar Value
Lagoon	Season Passes	10	\$239.80	\$2,398.00
Lagoon	Day Passes	150	\$25.95	\$3,892.50
Hansen Planetarium	Passes	200	\$4.50	\$900.00
Hansen Planetarium	Posters	200	\$3.00	\$600.00
USU High School Relations	One Year Scholarship	3	\$2,675.24	\$8,025.75
USU College of Science, RMNSGC, Thiokol,	Purchased Prizes		\$2,443.34	\$2,443.34
Total Prizes				\$18,259.59

Summary of Prizes Purchased

Item	Vendor	Funds Used	Amount
T-Shirts (200 shirts ordered)	Ye Old Winn Mill	Physics Department PO #R203823	\$616.00
Lasers	Heartland America	JR's VISA	\$425.59
Books	Amazon.com	JR's VISA	\$620.35
Picture Frames	Six Star Outlet	JR's VISA	\$14.80
Optics Kits	Edmund Scientific	JR's VISA	\$466.00
Spirograph kits	H&R Sales	JR's VISA	\$300.60
Total Purchased Prizes			\$2,443.34

Summary of Sponsor Contributions

Sponsor	Cash Contribution	In-kind Contribution
Lagoon	\$6,000.00	Passes; \$6,290.50
USU College of Science	\$500.00	
Hansen Planetarium	\$0.00	Passes and posters; \$1500.00
USU High School Relations	\$0.00	Scholarships; \$8,025.75
Ralcon	\$250.00	
Boeing	\$750.00	
Rocky Mountain NASA Space Grant Consortium	\$500.00	
INEEL	\$0.00	

Thiokol	\$0.00	
Totals	\$8,000.00	