



American Association of Physics Teachers **PHYSICSBOWL 2006**

2006 PhysicsBowl Results

Dear Physics Teacher,

Thank you for having your students participate in this year's AAPT PhysicBowl high school physics contest. This year there were over 6180 students participating from over 280 schools all across the country and Canada.

Enclosed are lists of the top two schools in each division and top two students in each division by region. Several placings were determined by tiebreakers. Tiebreakers were decided by starting at the end of the test and proceeding backwards; the first student to miss a question going backwards was then dropped. For schools, the tie was broken by comparing the highest scoring students for each team.

Several schools which have not placed in recent year are in the top ten this year. Congratulations!

A copy of this year's test along with solutions, as well as individual and team winners can be found at the following web site:

<http://phys.udallas.edu/AAPT>

Thank you for participating in the 2006 PhysicsBowl competition! I hope that you will enter the 2007 PhysicsBowl next year.

Best wishes,

Richard P. Olenick

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The enclosed sheets give the school's team score and the following information obtained from each student's answer form:

Student Name	School ID Number	Division	Region	Score
All of the above information was read directly from each student's answer sheet. Errors are the results of improperly filled out forms. For any missing students, please contact Dr. Courtney Willis, Courtney.Willis@unco.edu .				



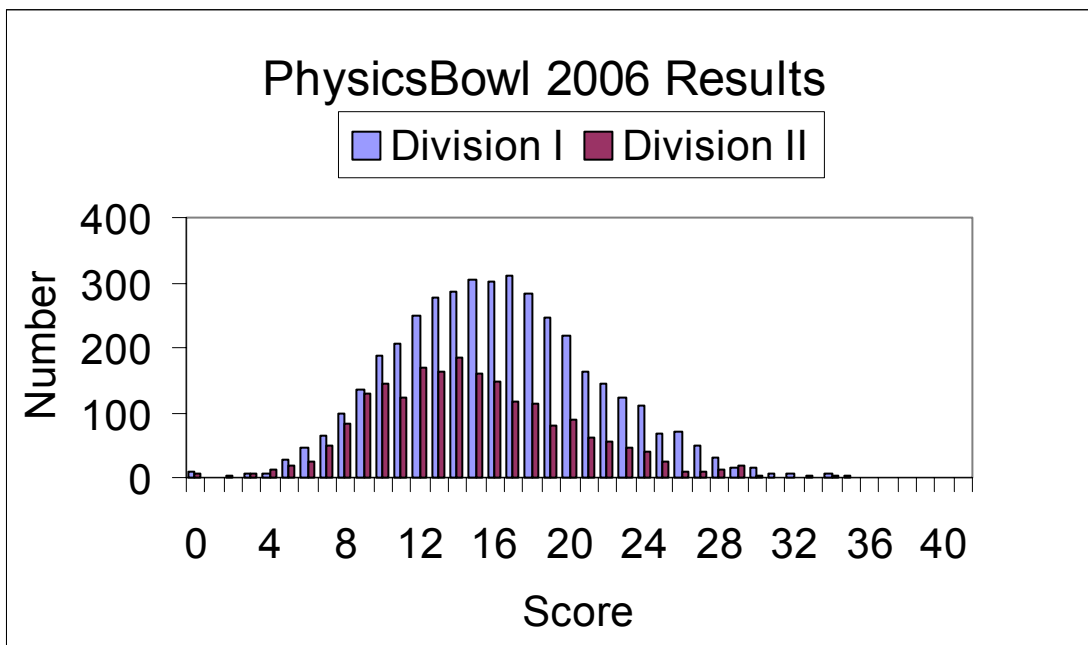
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Statistics

Average Score for Division I = 15.7 with a standard deviation of 5.5

Average Score for Division II = 15.5 with a standard deviation of 4.9

Valid Entries: 4111 (Div I), 2069 (Div II)





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Top Division I Student

<u>Region</u>	<u>Score</u>	<u>Student</u>	<u>School</u>	<u>City</u>	<u>State</u>
10	37	STREICH PHILIP V	Homeschool	Platteville	WI

Highest Scoring Division I Students in each Region

<u>Region</u>	<u>Score</u>	<u>Student</u>	<u>School</u>	<u>City</u>	<u>State</u>
02	30t	RAWLINGS ADAM C	Guilford HS	Guilford	CT
03	34t	PENG GARY	Don Mills Collegiate	Toronto	ON
04	34t	ALLEN LIN	Holmdel HS	Holmdel	NJ
05	32	BURDETT BEN P	Woodbury Forest	Woodbury Forest	VA
06	31	HO KA C	Walton HS	Marietta	GA
07	31	DAHLHAUSEN MATT	Hawken School	Gates Mills	OH
08	30	LIU SIYLUAN	Troy HS	Troy	MI
09	32	ROITBERG TAL	New Trier HS	Winnetka	IL
10	37	STREICH PHILIP C	Homeschool	Platteville	WI
11	31	DAVIS GLENN KYLE	Montgomery Bell	Nashville	TN
12	30	SHAHIN DAVID I	St. Louis Univ. HS	St. Louis	MO
13	34	CHEN JEFFREY	A&M Consolidated	College Station	TX
14	35	MILOVIC DJORDJO Z	University HS Irvine	Irvine	CA
15	33	TIAN OWEN	Sir Winston Churchill	Vancouver	BC
20	33	CHIEN ALEXANDER	Stuyvesant HS	New York	NY

Second Highest Scoring Division I Students in each Region

<u>Region</u>	<u>Score</u>	<u>Student</u>	<u>School</u>	<u>City</u>	<u>State</u>
02	30t	JOKINEN DAVID	Arlington HS	Arlington	MA
03	34t	SONG YI	Don Mills Collegiate	Toronto	ON
04	34t	BLUMENTHAL ALEX	Millburn HS	Millburn	NJ
05	30	MARTIN THEODORE	Sidwell Friends Schools	Washington	DC
06	29t	OLIVERIA CHARLES	Walton HS	Marietta	GA
07	30	CONNORS JAKE A	Beavercreek HS	Beavercreek	OH
08	29	BAUERLE MATTHEW	Bauerle Homeschool	Fenton	MI
09	31	OLSON MATT A	St. Ignatius Coll Prep	Chicago	IL
10	33	DAVID BEYER M	Century HS	Rochester	MN
11	27	LUNDY JONATHON D	Montgomery Bell	Nashville	TN
12	29t	CRIDER ZEB J	Helias HS	Jefferson City	MO
13	33	HU KENNETH	William P Clements	Sugar Land	TX
14	34	QIU KAI	University HS Irvine	Irvine	CA
15	29t	GUO SHINE	Sir Winston Churchill	Vancouver	BC
20	30t	RUTHERFORD CHAD	Arkansas Math/Sci	Hot Springs	AR



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Top Division II Student

<u>Region</u>	<u>Score</u>	<u>Student</u>	<u>School</u>	<u>City</u>	<u>State</u>
14	36	FEI LIN	Don Mills Collegiate	Toronto	ON

Highest Scoring Division II Students in each Region

<u>Region</u>	<u>Score</u>	<u>Student</u>	<u>School</u>	<u>City</u>	<u>State</u>
02	29t	VELICANU DRAGOS A	Andover HS	Andover	MA
03	36	FEI LIN	Don Mills Collegiate	Toronto	ON
04	30	CHIN ALAN Y	West Windsor-Plainsboro N	Plainsboro	NJ
05	32	CHEN DAVID	Thomas S Wooten	Rockville	MD
06	28	LARUE JASON R	Miami Palmetto HS	Miami	FL
07	27	DIAB KENAN	Hawken School	Gates Mills	OH
08	28	PAN BOHAO	Cranbrook Kingswood	Bloomfield Hills	MI
09	27t	WANG IRVIN D	Libertyville HS	Libertyville	IL
10	28	STANKIEWICZ ALEKSA	Edina Senior HS	Edina	MN
11	29	JALLOUK ANDREW	Oak Ridge HS	Oak Ridge	TN
12	28	FREILICH EVEN	Mt. Michael Benedictine	Elkhorn	NE
13	28	MOU YANG	William P. Clements HS	Sugar Land	TX
14	35t	TUNG HENRY P	Torrey Pines HS	Encinitas	CA
15	29	KARPACHEVSKYY TARAS	Henry Wise Wood HS	Calgary	AB
20	34	MCCUTCHEN RICHARD	Montgomery Blair HS	Silver Spring	MD

Second Highest Scoring Division II Students in each Region

<u>Region</u>	<u>Score</u>	<u>Student</u>	<u>School</u>	<u>City</u>	<u>State</u>
02	29t	ZHU MICHAEL Z	Andover HS	Andover	MA
03	31t	SCHULMAN JOHN D	Great Neck HS	Great Neck	NY
04	29	KNEELAND THOMAS B	Radnor HS	Radnor	PA
05	30	LONG JONATHAN L	Thomas S Wooten	Rockville	MD
06	26t	SHAH ANKUR A	Miami Coral Park Sr HS	Miami	FL
07	26t	LEWINE ANDREW P	Kentucky Country Day	Louisville	KY
08	27	HE TEMPLE M	Troy HS	Troy	MI
09	27t	DING MICHAEL C	Libertyville HS	Libertyville	IL
10	27	DWYER RYAN P	Arrowhead HS	Hartland	WI
11	26	BECK SAMUEL W	Jackson Preparatory	Jackson	MI
12	25	KAST JOSHUA M	University of Denver HS	Denver	CO
13	24	WANG JESSICA	A&M Consolidated HS	College Station	TX
14	35t	AALIPOUR YASIN	Torrey Pines HS	Encinitas	CA
15	28t	BAI PETER J	Burnaby South	Burnaby	BC
20	32	FENG JIASHUO	Bergen County Academies	Hackensack	NJ



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First and Second Place Schools Division I

Highest School Score in Division I

<u>Score</u>	<u>School</u>	<u>City</u>	<u>State</u>
125t	University HS - Irvine	Irvine	CA

Highest Scoring Division I Schools in each Region

<u>Region</u>	<u>Score</u>	<u>School</u>	<u>City</u>	<u>State</u>
02	106	Guilford HS	Guilford	CT
03	122	Don Mills Collegiate Inst.	Toronto	ON
04	125	Millburn HS	Millburn	NJ
05	112	Woodbury Forest School	Woodbury Forest	VA
06	117	Walton HS	Marietta	GA
07	112t	Hawken School	Gates Mills	OH
08	100	Troy HS	Troy	MI
09	111	Libertyville HS	Libertyville	IL
10	98	Whitefish Bay HS	Whitefish Bay	WI
11	104	Montgomery Bell Academy	Nashville	TN
12	114	St. Louis University HS	St. Louis	MO
13	114	Albuquerque Academy	Albuquerque	NM
14	125	University HS – Irvine	Irvine	CA
15	109	Bishop Kelly HS	Boise	ID
20	111	Arkansas School for Math/Sci	Hot Springs	AR

Second Highest Scoring Division I Schools in each Region

<u>Region</u>	<u>Score</u>	<u>School</u>	<u>City</u>	<u>State</u>
02	103	Arlington HS	Arlington	MA
03	110	Great Neck HS	Great Neck	NY
04	120	George Washington HS	Philadelphia	PA
05	106	Sidwell Friends Schools	Washington	DC
06	108	Darlington	Rome	GA
07	112t	Revere HS	Richfield	OH
08	92t	Ludington HS	Ludington	MI
09	107	Benet Academy	Lisle	IL
10	90	Stillwater Area HS	Stillwater	MN
11	91	Oak Ridge HS	Oak Ridge	TN
12	108t	Helias HS	Jefferson City	MO
13	107	William P. Clements	Sugar Land	TX
14	105	Marina HS	Huntington Beach	CA
15	108	Sir Winston Churchill	Vancouver	BC
20	110t	Stuyvesant HS	New York	NY



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First and Second Place Schools Division II

Highest School Score in Division II

<u>Score</u>	<u>School</u>	<u>City</u>	<u>State</u>
117	Don Mills Collegiate	Toronto	ON

Highest Scoring Division II Schools in each Region

<u>Region</u>	<u>Score</u>	<u>School</u>	<u>City</u>	<u>State</u>
02	112	Andover High School	Andover	MA
03	117	Don Mills Collegiate	Toronto	ON
04	104	Milburn HS	Milburn	NJ
05	110	Thomas S Wooten HS	Rockville	MD
06	101	Miami Palmetto HS	Miami	FL
07	100	Hawken School	Gates Mills	OH
08	92t	Troy HS	Troy	MI
09	106	Libertyville HS	Libertyville	IL
10	99	Arrowhead HS	Hartland	WI
11	101	Oak Ridge HS	Oak Ridge	TN
12	93	Mt Michael Benedictine HS	Elkhorn	NE
13	86	A&M Consolidated HS	College Station	TX
14	116	Torrey Pines HS	Encinitas	CA
15	101	Sir Winston Churchill Secondary	Vancouver	BC
20	105	Montgomery Blair HS	Silver Spring	MD

Second Highest Scoring Division II Schools in each Region

<u>Region</u>	<u>Score</u>	<u>School</u>	<u>City</u>	<u>State</u>
02	88	Concord Academy	Concord	MA
03	88	Great Neck HS	Great Neck	NY
04	100	West Windsor – Plainsboro N	Plainsboro	NJ
05	85t	Woodberry Forest School	Woodbury Forest	VA
06	100	Stanton College Prep School	Jacksonville	FL
07	89	Lakota East HS	Hamilton	OH
08	92t	West Lafayette HS	West Lafayette	IN
09	90	New Trier HS	Winnetka	IL
10	95	Edina Senior HS	Edina	MN
11	94	Randolph School	Huntsville	AL
12	85	Mary Inst. & St. Louis Country	St. Louis	MO
13	85	William P Clements HS	Sugar Land	TX
14	95	The Harker School	San Jose	CA
15	94	Western Canada HS	Calgary	AB
20	102	Bergen County Academies	Hackensack	NJ

t = ties determine by tiebreaker