Rules and Regulations

THE THIRTEENTH ANNUAL SCIENCE TALENT SEARCH CONDUCTED BY
SCIENCE CLUBS OF AMERICA, FOR THE WESTINGHOUSE SCIENCE SCHOLARSHIPS

ELIGIBILITY

Any boy or girl who is in his last year in an accredited secondary school (public, private, parochial) in contiguous United States, who is expected by the certifying school official to complete college entrance qualifications before October 1, 1954, and who has not competed in any previous Science Talent Search is eligible to enter this competition.

Age—There are no age limits in this competition.

Science Clubs of America—It is not necessary to be a member of Science Clubs of America to enter this competition, although creative activity in a science club will aid a contestant's record.

REQUIREMENTS

Each completed essay in the Science Talent Search must consist of these three:
1. A completed science aptitude examination, certified by student and teacher.
2. A personal data blank and secondary school record, filled out by the teachers and principal.
3. A report of about 1,000 words on "My Scientific Project," by the student. It should tell what the contestant is doing or plans to do in science in the way of experimentation or other research activity. It should be original, creative and interpretive in character.

Science Talent Search science aptitude examinations and personal data—secondary school record blanks are furnished free of charge to any school official who requests them and who pledges to administer them in accordance with instructions.

Each contestant must take the Science Talent Search examination administered in his school on or after Monday, December 7, 1953.

All entries must reach the offices of Science Clubs of America, 1719 N Street, N. W., Washington 6, D. C., not later than midnight, Sunday, December 27, 1953.

AWARDS

Fourty contestants with highest talent as judged by a judging committee on the basis of Science Talent Search examination, scholastic and personal records, reports and any other information assembled by the judges, will be awarded invitations to the Science Talent Institute and all-expense trips (transportation, hotel and other arranged expenses paid) to the place the Institute is to be held, and return. It is planned to hold the Science Talent Institute February 23-March 1, 1954, at Washington, D. C., unless in the judgment of Science Service it should be held elsewhere or at another time. All contestants invited to the Science Talent Institute will receive the Gold Emblem of Science Clubs of America.

One contestant coming to the Science Talent Institute will be selected by a board of judges to receive a four-year Westinghouse Grand Science Scholarship of $2,500 ($750 per year). An alternate will be named.

Another contestant coming to the Science Talent Institute will be selected by a board of judges to receive a four-year Westinghouse Grand Science Scholarship of $2,500 ($500 per year). An alternate will be named.

Eight additional contestants coming to the Science Talent Institute will be selected by a board of judges to receive four-year Westinghouse Scholarships of $400 each ($100 per year). Three alternates will be named.

Additional Westinghouse Scholarship awards totaling $5,000 will be awarded at the discretion of the judges.

Honorable mentions will be awarded.

 Committees of judges designated by Science Service will judge the contest, and the decision of these judges shall be final in all cases.

Conditions of Scholarships

Each scholarship may be applied toward a course in science or engineering at a degree-granting institution of higher education selected by the winner and approved by a Scholarship Committee named by Science Service. Science and engineering courses that may be pursued are those encompassed in the fields of activity of the National Academy of Sciences and the National Research Council.

Should any winner be unable for any reason to enter upon the use of a scholarship, the highest ranking alternate named by the judges shall become entitled to receive it under the same conditions as applicable to the original winner and the original winner shall thereupon have no further rights in the scholarship.

The use of a scholarship shall begin within a year of the date of award.

One-half of each year's scholarship will be paid at the time of entering such year's college work and one-half at the middle of such college year, but payments may be accelerated at the discretion of the Scholarship Committee.

In the event that the holder withdraws from college or fails to meet the requirements of the scholarship, the holder shall be required to repay all payments already received.

The approval or disapproval of the Scholarship Committee shall be in all respects final.
THE WINNERS
AND HONORABLE MENTIONS
IN THE THIRTEENTH ANNUAL
SCIENCE TALENT SEARCH

SCIENCE CLUBS OF AMERICA

1719 N STREET NW · WASHINGTON 6 DC
THE ANNUAL SCIENCE TALENT SEARCH

Never before has the world had greater need of the investigative turn of mind, the inquiring attitude, and the love of fact that is exemplified in scientific research.

Science is important in defense of our freedom and the preservation of our way of life.

The Science Talent Search has succeeded far beyond our hopes. To the top 3,000 contestants in the first twelve years have come many millions of dollars in scholarships from colleges and universities throughout the nation, supplementing the Westinghouse Science Scholarships distributed among those who were invited and came to Washington.

With approval from the educational world and with the winners of the first twelve Science Talent Searches making credible records in colleges, universities, and professional positions, this attempt at picking those with research ability in science has become an institution and a tradition. Those selected in such rigorous competition have a great responsibility.

In a real sense the annual Science Talent Search is more than a scholarship contest. It is a major step toward making scientific talent available for important tasks in our civilization.

The participation of a great industrial organization in the financing of the annual Science Talent Search is a notable contribution to the advancement of science in America. This activity can be considered a support of "pure research" of importance equal to the fundamental researches in the Westinghouse Research Laboratories. Science and education are grateful for the financial support of the first thirteen Science Talent Searches by the Westinghouse Educational Foundation, an organization endowed by the Westinghouse Electric Corporation for the promotion of education and science.

Science Service, engaged in the interpretation and popularization of science on a broad front, is proud of administering, through Science Clubs of America, the annual Science Talent Search. From the newspapers, educators and scientists of America there has been enthusiastic cooperation in this annual activity that means so much to high school seniors interested in science. The Science Talent Search is a continuing opportunity and responsibility of the more than 15,000 science clubs and one-third of a million members affiliated with Science Clubs of America.

THE THIRTEENTH ANNUAL SCIENCE TALENT SEARCH

WASHINGTON TRIP WINNERS

W. S. indicates High School

HOME ADDRESS follows name of school

AGE of winner follows name

ARIZONA
Phoenix
*Lee, Susan Ruderle 16 North Phoenix H.S. 830 E. Sierra Vista

CALIFORNIA
Bakersfield
Egger, Maurice David 17 Bakersfield H.S. 319 Oleander Ave.

Claremont
Muller, Leroy John Patrick 16 Webb School of California 353 W. 7th St.

CONNECTICUT
Fairfield
Izarzelli, Anthony William 17 Fairfield College Prep. 315 Burritt Ave., Stratford

Westport
Wells, Coleman Peter 17 Staples H.S. 221 Danbury Rd., Wilton

DISTRICT OF COLUMBIA
Washington
*Kreek, Mary Joanne 16 Woodrow Wilson H.S. 4556 Verplank Pl., N.W. 16

ILLINOIS
Evanston
*Gass, Carol Jean 17 Evanston Township H.S. 2508 Cooper Ave.

*Roush, Russ Cary 17 Evanston Township H.S. 926 Hilman Ave.

Ward, Harold Mathaniel 17 Evanston Township H.S. 1124 Noyes St.

INDIANA
Evansville
Scherer, Kirby Vaught, Jr. 17 Benjamin Bosse H.S. 1113 E. Gum St. 13

KENTUCKY
Middletown
Hayward, Gary Gillette 17 Eastern H.S. 3952 Nana Ave., Louisville 7

MARYLAND
Baltimore
Schmidt, Victor Adolf 17 Millard Hall H.S. 3007 Mayfair Rd. 7

Bethesda
Haught, Alan Frederic 17 Bethesda-Cherry Chase H.S. 5618 Glenwood Rd. 14

MINNESOTA
Minneapolis
Scanlon, Edward Patrick 17 DeLaSalle H.S. 2001 27th Ave., S. 6

Rochester
Stroebel, Charles Frederic 17 Rochester Senior H.S. 725 Ninth St., S.W.

MISSISSIPPI
Greenwood
Cooper, William Samuel, Jr. 17 Greenwood H.S. 203 Peal St.

NEW HAMPSHIRE
Dover
Dade, Everett Clarence 18 Dover H.S. 27 Sixth St.

NEW JERSEY
New Brunswick

Nutley
French, Bevan Meredith 16 Nutley H.S. 28 Alexander Ave. 16

NEW YORK
Brooklyn
Brunner, Armand 15 Boys H.S. 0511 20th Ave. 4

Phillips, William 16 Brooklyn Technical H.S. 863 E. 58th St. 10

*Burman, Marguerite 16 Erasmus Hall H.S. 376 E. 6th St. 10

Levy, Richard Jay 16 Erasmus Hall H.S. 386 E. 7th St. 10

Rumby, Richard Thomas 16 Midwood H.S. 1794 New York Ave. 10

*Landsman, Earle Sydney 17 Midwood H.S. 319 Parkside Ave. 28

Girls accounted for 29% of the entries this year.
THIRTEENTH ANNUAL SCIENCE TALENT SEARCH
HONORABLE MENTIONS

In addition to the 40 chosen to come to Washington, 260 students have such promise that
the judges recommended that they be awarded Honorable Mention in the Thirteenth Annual Science Talent
Search and their ranking be brought to public attention and, particularly, that colleges
and universities be informed.

All boys and girls awarded Honorable Mention, as well as the Washington trip winners
of the Thirteenth Annual Science Talent Search, are considered so outstanding that any
institution of higher learning would be justified in considering their abilities carefully.

Dr. Harold A. Edgerton, who, with Dr. Stuart E. Brit, developed and carried out the
selection technique, declares that "all of the Honorable Mentions as well as the trip winners,
represent a group of high school seniors of outstanding ability whose high school records in-
dicate that they are top-notch producers. Their activities and interests reflect an active
interest in some field of science."

Of the Honorable Mentions in the Thirteenth Annual Science Talent Search, 28% of the boys
and 48% of the girls were first, second or third in their high school classes. All of the boys
and girls have studied science and/or mathematics for four years or more in high school. All
have participated in a wide variety of extra-curricular activities and hobbies. Among the 260
who won Honorable Mention, 196 belong to science clubs most of which are affiliated with Science
Clubs of America. The proportion of boys and girls in this list is determined by the ratio of boys
and girls entering the contest. Listed are 52 girls and 208 boys.
ILLINOIS

Canton
*Carr, W. E. 17

Champaign
Abell, William Austin 18
Champaign Senior H. S. 405 S. McKinley Ave.

Chicago
Tooper, Robert Forrest 17 Calumet H. S. 6043 S. Bishop St. 29

Des Plaines
Braun, Walter Charles 17 Maine Township H. S. 432 S. Clifton Ave., Park Ridge

Evanston
Hofman, Theodore Mitchell 17 Evanston Township H. S. 2120 Grant St.
McNamara, William 17 Evanston Township H. S. 2814 Garrison Ave.
Murch, Laurence Walter 17 Evanston Township H. S. 519 Greenview St.
Smith, Clayton Sutherland 17 Evanston Township H. S. 2433 Lavelle St.

Jacksonville
*Kelly, Sharon Lyn 17 Jacksonville H. S. 680 Edgehill Rd.

Madison
Richardson, David Eugene 16 Madison H. S. 1800 Rhode St.

Monticello
Hembry, William Michael 17 Monticello H. S. 303 E. Bond St.

INDIANA

Connersville
Joseph, Benson Lee 17 Connersville Senior H. S. RR 43

Elkhart
Blackwell, Frederick Wayne 16 Elkhart H. S. 515 Concord Ave.

Evansville
Bykamp, Robert William 17 Benjamin Bosse H. S. 1101 Cincinnati Dr.

Fort Wayne
Dick, Charles Edward 16 Central Catholic H. S. 3107 S. Harrison St. 6

Lindheimer, Termas Bradford 17 Lowelv District H. S. RR 42

Michigan City
Thompson, Maynard DeWayne 17 Isaac C. Elston H. S. 322 Tremont St.

Plainfield
Lind, Ivan 17 Plainfield Senior H. S. 358 Shaw St.

Richmond
Crabtree, Donald Louis, Jr. 17 Richmond H. S. 434 S. 20th St.

Tipton
*Betin, Rebecca June 17 Tipton H. S. 223 Green St.

W. Lafayette
Freeman, Margaret Anne 17 W. Lafayette Senior H. S. 1004 Garden St.

Windfall
Boo, James Clifton 17 Windfall H. S. RR 2

IOWA

Charles City
Adams, Clark Francis 17 Charles City H. S. 610 Second Ave.

KANSAS

Pittsburg
*Holmes, Janet Gayle 17 Pittsburg Senior H. S. 801 W. Jefferson St.

St. John
*Pagan, Evelyn Maud 17 St. John H. S. St. John

MASSACHUSETTS

Cambridge
Kasten, John Coyne 18 Malden H. S. 1137 Adams St., Dorchester 24

METHUEN
Andrews, Howard Russell 17 Methuen High School 1664 Broad St., Methuen, MA.

New York

Brooklyn
Coombs, Michael Henry 17 Brooklyn Tech. H. S. 150 Park S. W. 29

Stockbridge
Dulaney, Richard Edward 17-Brooklyn Tech. H. S. 25-308 Sea Side, Queens 37

Natick, Bernard Raphael 16 Braintree H. S. 609 Montgomery St. 25

Plymouth
*Razz, Marie Esther 17 Plymouth H. S. 15 Forest Ave., North Plymouth

Williamstown
McGill, Barbara Theresa 17 St. Charles Barrymore H. S. 21 Lowell St. 54

Worcester
*Marston, Jean Barba 16 North H. S. 49 Whitman Rd. 5

MICHIGAN

Mt. Clemens
Ball, James Victor 17 Mt. Clemens H. S. 31 Second St., Apt. #3

Scofield, Howard Richard, Jr. 17 Mt. Clemens H. S. 210 Beulah St.

MINNESOTA

Foley
*Adelman, Evelyn Luella 17 Foley H. S. RR 2, Sauk Rapids

Hutchinson
*Bloomquist, Carol Anne Alma 17 Hutchinson H. S. 310 Grove St. S.

Little Falls
Larson, Richard David 17 Little Falls H. S. 725 St. Mary St.

Mounds
Peterson, Kenneth Alan 17 Mound H. S. R. 2, Box 7, Mound 3

Red Wing
Schults, Gerald Edward 17 Central H. S. 1719 W. Sixth St.

St. Cloud
*Nelson, Karen Anne 17 Technical H. S. 235 Fifteenth Ave. S.

MISSOURI

Jennefer
Jones, Marvin Thomas 17 Jenniefer Senior H. S. 2615 Kincaide Dr. 21

Kansas City
*Stenberg, Judith Rae 17 Southwest H. S. 1208 W. 44th Terr.

Springfield
Burgin, Robert Louis 17 Springfield Senior H. S. 1718 S. Jefferson Ave. 2

*Gee, Frederick George 17 Springfield Senior H. S. 915 Kings Ave. 4

West Plains
Carver, William Ned 17 West Plains H. S. 305 E. Main St.

NEBRASKA

Boone
Forsythe, Alan K. 18 Callis Co. H. S. P. O. Box 231

Missouri
*Browman, Audra Elizabeth Ann 18 Missouri Co. H. S. 664 S. Sixth East

Omaha
Olsen, Thomas Arthur Anthony 17 Benson H. S. 4304 E. 8th St.

Lancaster
Pruitt, James Scott 18 Lancer H. S. 108 Academy St.

Ritterbush, Philip Christopher 17 Lancer H. S. 20 Lafayette St.

NEW HAMPSHIRE

Exeter
Barton, John Hayes 17 The Phillips Exeter Academy 419 Union Ave.,

Laconia
Pringle, James Scott 18 Laconia H. S. 108 Academy St.

NEW JERSEY

Bogota
*Doremus, Judith Carol 17 Bogota H. S. 145 E. Magnolia Ave., Maywood

*Schulman, Carolyn Frieda 15-18 Passaic Heights, Passaic 7

Jersey City
Millburn
Schneider, Carolyn Frieda 16 1360 W. 15th Ave., Millburn

Woodside
Wells, Robert Davis 17 Millburn H. S. 87 Elm St., Maplewood

Princeton
*Vuketich, Margaret 17 Princeton H. S. 70 Princeton, Princeton Junction

Rutherford
*Belknap, Charles 17 Rutherford H. S. 157 Prospect Pl.

Springfield
Mosser, John William, Jr. 17 Jonathan Day School, R. D. 1, Dogwood Lane, Berkeley Heights

Trenton
Waters, David Charles 17 Trenton Central H. S. 102 Spring St.

NEW YORK

Brooklyn
O'Brien, John William, Jr. 17 Baldwin H. S. 1 South St.

Fairfield
Conway, J. Waldo 17 49-20 205th St., Flushing 7

Brooklyn
Cooper Smirich, Michael Henry 17 Brooklyn Tech. H. S. 135 Prospect Park, S. W. 18

Herbert, John Joseph 17 Brooklyn Tech. H. S. 21-24 Steeple, Queens 37

Clyde, Bernard Raphael 16-18 Bronxville H. S. 609 Montgomery St. 25

Pittsfield
Borgata, Robertse 17 Brooklyn Tech. H. S. 135 Prospect Park, S. W. 18

Schenck, Bernard Raphael 16-18 Bronxville H. S. 609 Montgomery St. 25

*Goll, Joyce Audrey 17 Braintree H. S. 2620 Curley Ave., 2

Kaplan, Barry Robert 15 Braintree H. S. 2620 Curley Ave., 2

Metsch, Jerome Bernard 17 Braintree H. S. 2620 Curley Ave., 2

*Pittsfield
Paul Hunter 15 Braintree H. S. 2620 Curley Ave., 2

Sand, Richard Henry 17 Braintree H. S. 2620 Curley Ave., 2

Silverstein, Stephen George 15 Braintree H. S. 2620 Curley Ave., 2

*Sciacca, John Milton 15 Braintree H. S. 1500President St. 13

*Ziegler, Myra Grace 15 Braintree H. S. 599 Montgomery St. 25

Lapidus, Ira Marvin 16 Thomas Jefferson H. S. 1145 Park Ave. 21
Frankel, Herman Morris 15 Abraham Lincoln H.S. 1518 E. 7th St. 23
Korenman, Victor 16 Abraham Lincoln H.S. 150 Brighton 15th St. 35
Soifer, David 16 Abraham Lincoln H.S. 1273 E. 10th St. 30
*Balick, Marcia 16 Midwood H.S. 1079 E. 16th St. 30
Bromberg, Nathan Schiff 17 Midwood H.S. 1819 Ave. 1917 30
Gottlieb, Felix Isaac 17 Midwood H.S. 1153 E. 19th St. 30
Lass, Roger George 17 Midwood H.S. 1564 E. 16th St. 30
Leitich, James Richard 16 Midwood H.S. 1127 E. 19th St. 30
Mons, Stephen 15 Midwood H.S. 1505 Ocean Ave. 30
Nagler, Michael Nicholas 17 Midwood H.S. 2822 Avenue 1917 10
Podol, Steven Maurice 16 Midwood H.S. 65 E. 60th St. 15
Posner, Paul 15 Midwood H.S. 516 Ocean Parkway 18
Widman, Warren David 17 Midwood H.S. 1615 Schenectady Ave. 34
Ratz, Maurice Joseph 16 Talmudical Academy 2152 54th St. 12
Pink, Sheldon Barry 17 Samuel J. Tilden H.S. 4715 Church Ave. 3
Stein, Warren 16 Samuel J. Tilden H.S. 635 E. 53rd St. 3
Miller, Paul Samuel 17 Churchville-Chili Central School 3727 Chili Rd.
Delmar, Whalen, Norman Delbert Jr. 17 Bethlehem Central H.S. 370 Wellington Rd. 1
Gerhard, Lee Clarence 16 Bloomfield Central H.S. R.D. 1, Holcomb
Spirnak, Richard Andrew 17 Southside H.S. 516 Davis St.
Fairport, Wolf, Edward Fairport H.S. 168 High St.
Far Rockaway, Arnold Allen 16 Far Rockaway H.S. 469 Beach 57th St., Arverne
Forest Hills, Charles, Claude R. 16 Forest Hills H.S. 88-84 Yellowstone Blvd. 75
*Finke, Susan Anna 16 Forest Hills H.S. 70-44 177th St. 37
Gray, Edward 16 Forest Hills H.S. 66-50 Wetherole St., Rego Park 74
Heller, Peter George 16 Forest Hills H.S. 118-57 Metropolitan Ave., Kew Gardens 15
Palmer, William F. 16 Forest Hills H.S. 9223 71st Ave. 75
Rose, Robert Michael 16 Forest Hills H.S. 72-07 146th Ave., Flushing 67
Stater, Lewis Mark 16 Forest Hills H.S. 144-27 70th Ave., Flushing 67
Spear, Clare Lois 16 Forest Hills H.S. 105-33 65th St. 15
Smyr, Loret 15 Forest Hills H.S. 102-40 76th Dr. 73
*Ulman, Elizabeth Barbara 16 Forest Hills H.S. 6300 Talbot St., Kew Gardens 15
Miller, Eliza Jane 17 Forest Hills H.S. 63-09 Talbot St., Kew Gardens 15
Sell, David Edwin 17 Garden City H.S. 59-28 Bell Road 35
City, Hempstead, Elvis, Robert Philip 15 Hempstead H.S. 48 Baldwin Rd.
Hoch, Robert Joseph 16 Lincoln H.S. 80-96 Richmond Rd. 61
Chapek, John Raymond 17 Kenmore Senior H.S. 75 Princeton Blvd. 17
Mitta, Stuart Neil 17 Kenmore Senior H.S. 97 Byron Ave. 23
Margaretville, Todd, Orville 18 Margaretville Central High School, Margaretville
Newburgh, Penney, Robert Vincent 16 Newburgh Free Academy 221 First St.
*Bornstein, Elaine Ruth 17 New Rochelle H.S. 57 Tressor Dr.
Buck, Roger Cordelle 17 New Rochelle H.S. 14 Springdale
Low, Kenneth Brooks 18 New Rochelle H.S. 19 Montgomery Pl.
Notarius, Harvey Jay 17 New Rochelle H.S. 25 Liepen Avenue
Stern, Richard David 16 New Rochelle H.S. 10 Beechtree Dr., Larchmont
Goldman, Allen Marshall 16 Bronx H.S. of Science 2232 Davidson Ave. 68
Lafonte, Ralph Arnold 16 Bronx H.S. of Science 310 E. 187th St. 93
Pascal, Robert R. 16 Bronx H.S. of Science 325 Monroe Parkway N. 67
*Serrentino, Duncan Ann 17 Bronx H.S. of Science 107 DeKalb Ave., Brooklyn 1
*Steenbock, Suzanne Ruth 16 Bronx H.S. of Science 136 Dell Rd., Scarsdale
Tauck, Florence Brigitte 17 Bronx H.S. of Science 44 Bennett Ave. 33
*Brunwark, Myra Adele 16 Ewander Childs H.S. 3184 Tierney Pl. 81
Soidis, William Alfred 16 Benjamin Franklin H.S. 802 E. 117th St. 84
Coch, Stephen Jay 15 James Monroe H.S. 1062 Virginia Ave. 72
Grossman, Annette 17 James Monroe H.S. 1283 Bronx River Ave. 72
Janus, Warren Todd 18 James Monroe H.S. 1430 Parkway Rd. 62
Schlitzmann, Morton 17 James Monroe H.S. 110 West Rd.
Beshard, Neil Jerome 16 Steuben H.S. 13 Steuben Oval 9
Bellard, Jordan 17 Steuben H.S. 918 Fiske St. 59
Goodstein, Charles 15 Steuben H.S. 336 E. 14th St. 3
La Flandra, Joseph 17 Steuben H.S. 2492 Kingsland Ave. 99
London, George Whitney 16 Stuyvesant H.S. 41-43 Friss Pl. Flushing 55
Markstein, Peter Willy 16 Stuyvesant H.S. 221 Remsen Ave. Brooklyn 13
Schiffman, Carl Louis 16 Stuyvesant H.S. 1864 - 5th St., Brooklyn 16
Sobol, Melvin Philip 17 Stuyvesant H.S. 1459 Boston Rd. 60
Sodol, John Edward, Jr. 17 Oceanside H.S. 69 Vernon Ave., Rockville Centre
South, Adams, Morton Samuel 17 Southport Central H.S. Southport
Tarrytown, McGee, Dorothy Marie 16 Marymount Secondary School 352 Valley Rd.,
Towner, Langtry, David Alec 16 Tarrytown H.S. 177 Woodvale Ave., Tarrytown
White Plains, Collins, William Kenneth Peter 17 Archbishop Stepinac H.S. 22 Cypress St.,
Taylor, Dennis, Nathaniel 17 White Plains H.S. 95 Caterton Terr., Hastings
North Carolina
Charlotte, Jenkins, John Edward, Jr. 16 Harry P. Harding H.S. 920 Westbrook Dr. 6
Bilbrough, Kenyon, Van Leslie, III 17 Bilbrough H.S. R.F.D. 2
Raleigh, *Brown, Susan Hand 18 Needham Broughton H.S. 1011 Dixie Trail
Ohio
Cincinnati, Blerhorst, John William, III 17 Walnut Hills H.S. 57 Flanders Lane 18
Dayton, Kitchen, Joseph Weston, Jr. 17 Fairview H.S. 3324 Riverside Dr. 5
Lakewood, Drage, Alexander James 17 Lakewood H.S. 1327 Beach Ave. 7
Vermilion, Boone, Bernard Paul 17 Vermilion H.S. R.D. 35 Mason Rd.
Ohio, Cones, Dannie Richard 17 Petoskey City H.S. 1729 N.W. 32nd St. 12
Tulsa, Anderson, William Thomas, Jr 17 Central High School 233 E. 27th Pl. 5
Oregon
Klamath Falls, *Babb, Janis An 16 Klamath Union H.S. 131 Dahlia
McMinnville, Lowe, James Norman 17 McMinnville H.S. 1424 E. 9th St.
Portland, Harlin, Richard Francis 16 Central Catholic H.S. 16 S.W. Taylor Ferry Rd. 19
Pennsylvania
Allentown, Scarlaf, Harold Preston 16 Allentown H.S. 21 S. West St.
Stupich, Stewart David 17 Allentown H.S. 1010 N. 21st St.
Heilrich, Ernest Raymond 17 Parkland H.S. Box 125, R.R. 1, Coplay
*Oldham, Dorothy Catherine 17 Parkland H.S. R. 6, Copley
Ardsdale, Hardy, George Frederick 16 Lower Merion Senior H.S. 5 W. Neufeld Way,
Baltimore, Mahood, William Leo 17 Coopersburg H.S. R.F.D. 1
Pittsburgh, Ruckel, William Henry 17 Fifth Avenue H.S. 135 Third Ave. 23
Mollens, Lisa Frederick 17 Mt. Lebanon H.S. 1147 Cedar Blvd. 88
Sineath, Russ Frank 16 Mt. Lebanon H.S. 23 Edgeridge Dr. 28
*Rese, Marilyn Ruth 17 Williamsburg H.S. 506 Mill Ave. 21
Scranton, Gornick, George Robert 16 Scranton Prep. School 641 N. Irving Ave. 10
Rhode Island
Woonsocket, *Morgan, Patricia Alice 17 South Kingstown H.S. 25 Whirlford St.
South Carolina
Seneca, *Pitts, Sylvia Raymond 17 Seneca H.S. 311 S. 5th St.
Lancaster, Fields, Jerry 18 Lancaster H.S. 306 S. Catawba St.
South Dakota
Aberdeen, Westby, Curtis Eugene 17 Central H.S. 1396 S. Washington St.
Pulaski, Farrow, Robert James 17 Pulaski H.S. 918 Fiske St. 59
Sioux Falls, Burk, Wayne Eugene 17 Washington H.S. 1300 E. 7th St.
STATE SCIENCE TALENT SEARCHES

Since 1948 State Science Talent Searches have been held concurrently with the national competition by special arrangement with Science Clubs of America. The organizations sponsoring State Science Talent Searches in 1964 follow with the director of each indicated.

Alabama: Alabama Academy of Science
Dr. Ernest L. Kansa, Prof. of Chemistry, University of Alabama, Tuscaloosa
Arkansas: Arkansas Academy of Science
Dr. Hermon G. Dowling, Dept. of Zoology, University of Arkansas, Fayetteville

Connecticut: Directors to be named. Send requests for information to Science Clubs of America

District of Columbia: Washington Academy of Sciences
Dr. A.T. McPherson, Associate Director, National Bureau of Standards, Washington 25

Georgia: Georgia Academy of Science
Mr. Eugene Sanders, Science Teacher, Henry Grady High School, Atlanta

Illinois: Illinois State Academy of Science
Dr. Frank H. Reed, State Geological Survey, Natural Resources Building, Urbana

Indiana: Indiana Academy of Science
Mr. Ralph W. Lauter, Asst. Prof. of Physics and Education, Purdue University, Lafayette

Iowa: Iowa Academy of Science
Dr. F. E. Brown, Professor of Chemistry, Iowa State College, Ames

Kansas: Kansas Academy of Science
Dr. W.E. Hopp, Dept. of Botany, University of Kansas, Lawrence

Louisiana: Louisiana Academy of Sciences
Mrs. A.S. Caines, Science Teacher, Baton Rouge High School, Baton Rouge

Maine: University of Maine
Dr. George Ewing, Asst. Prof. of Education, University of Maine, Orono

Massachusetts: American Academy of Arts and Sciences
Dr. Osamu F. Storrs, American Academy of Arts and Sciences, 25 Beacon St., Boston

Michigan: Michigan Academy of Sciences, Arts, and Letters
Dr. C. N. McCarty, Department of Chemistry, Michigan State College, East Lansing

Minnesota: Minnesota Academy of Science
Dr. Arthur F. Nelson, Prof. of Chemistry, State Teachers College, St. Cloud

Montana: Montana State College
Mr. Adrien H. Hess, Asst. Prof. of Mathematics, Montana State College, Bozeman

New Hampshire:
Dr. Robert B. Kite, Dept. of Entomology, University of New Hampshire, Durham

Pennsylvania: Pennsylvania Academy of Science
Dr. Robert E. Russell, State Teachers College, West Chester
Rhode Island: Brown University
Dr. Charles S. Smiley, Dean, Dept. of Astronomy, Brown University, Providence 12

South Carolina: South Carolina Academy of Science
Dr. W. S. Ward, Dir., Extension Division, University of South Carolina, Columbia 1

South Dakota: South Dakota Academy of Science
Dr. Elmer E. Johnson, Assoc. Prof. of Chemistry, South Dakota State College, Brookings

Tennessee: Tennessee Academy of Science
Mr. James C. Major, Chemistry and Physics Teacher, Clarksville High School, Clarksville

Texas: Texas Academy of Science
Mr. Wayne Taylor, Science Teacher, Denton H.S., Denton

Virginia: University of Virginia
Dr. Charles E. Baus, Head, Dept. of Chem., University of Virginia, Charlottesville

West Virginia: West Virginia Academy of Science
Miss Myrtle M. Miller, Science Teacher, Fairmont Senior High School, Fairmont

Wisconsin: Wisconsin Academy of Sciences, Arts, and Letters
Dr. S. F. Darling, Prof. of Chemistry, Lawrence College, Appleton

THE BEST WAY TO KEEP INFORMED

The best way to keep informed about the Science Talent Search is to belong to Science Clubs of America. The 12,000 sponsors of affiliated clubs receive regular communications concerning this annual event open to high school seniors. They also are informed of the other annual event conducted by SCA - The National Science Fair - open to sophomores, juniors and seniors in secondary schools. Adults who are not receiving this free service should write for information to:

Science Clubs of America
1719 N St., N.W.
Washington 6, D.C.
Rules and Regulations

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SCIENCE CLUBS OF AMERICA, FOR THE WESTINGHOUSE SCIENCE SCHOLARSHIPS

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Any boy or girl who is in his last year in an accredited secondary school (public, private, parochial) in continental United States, who is expected by the certifying school official to complete college entrance qualifications before October 1, 1954, and who has not competed in any previous Science Talent Search is eligible to enter this competition.

Age—There are no age limits in this competition.

Science Clubs of America—It is not necessary to be a member of Science Clubs of America to enter this competition, although creative activity in a science club will aid a contestant's record.

REQUIREMENTS

Each completed entry in the Science Talent Search must consist of these three:

1. A completed science aptitude examination, certified by student and teacher.
2. A personal data blank and secondary school record, filled out by the teachers and principal.
3. A report of about 1,000 words on "My Scientific Project," by the student. It should tell what the contestant is doing or plans to do in science in the way of experimentation or other research activity. It should be original, creative and interpretive in character.

Science Talent Search science aptitude examinations and personal data—secondary school record blanks are furnished free of charge to any school official who requests them and who pledges to administer them in accordance with instructions.

Each contestant must take the Science Talent Search examination administered in his school on or after Monday, December 7, 1953.

All entries must reach the offices of Science Clubs of America, 1719 N Street, N.W., Washington 6, D. C., not later than midnight, Sunday, December 27, 1953.

AWARDS

First contestants with highest talent as judged by a judging committee on the basis of Science Talent Search examination, scholastic and personal records, reports and any other information assembled by the judges, will be awarded invitations to the Science Talent Institute and all-expense trips (transportation, hotel and other arranged expenses paid) to the place the Institute is to be held, and return. It is planned to hold the Science Talent Institute February 25-March 1, 1954, at Washington, D. C., unless in the judgment of Science Service it should be held elsewhere or at another time. All contestants invited to the Science Talent Institute will receive the Gold Emblem of Science Clubs of America.

One contestant coming to the Science Talent Institute will be selected by a board of judges to receive a four-year Westinghouse Grand Science Scholarship of $2,000 ($500 per year). An alternate will be named.

Another contestant coming to the Science Talent Institute will be selected by a board of judges to receive a four-year Westinghouse Grand Science Scholarship of $2,000 ($500 per year). An alternate will be named.

Eight additional contestants coming to the Science Talent Institute will be selected by a board of judges to receive four-year Westinghouse Scholarships of $400 each ($100 per year). Three alternates will be named.

Additional Westinghouse Scholarship awards totaling $5,000 will be awarded at the discretion of the judges.

Honorable mentions will be awarded.

Committees of judges designated by Science Service will judge the contest, and the decision of these judges shall be final in all cases.

Conditions of Scholarships

Each scholarship may be applied toward a course in science or engineering at a degree-granting institution of higher education selected by the winner and approved by a Scholarship Committee named by Science Service. Science and engineering courses that may be pursued are those encompassed in the fields of activity of the National Academy of Sciences and the National Research Council.

Should any winner be unable for any reason to enter upon the use of a scholarship, the highest ranking alternate named by the judges shall become entitled to receive it under the same conditions as applicable to the original winner and the original winner shall thereupon have no further rights in the scholarship.

The use of a scholarship shall begin within a year of the date of award.

One-half of each year's scholarship will be paid at the time of entering upon each year's college work and one-half at the middle of each college year, but payments may be accelerated at the discretion of the Scholarship Committee.

In the event that the holder withdraws from college work, or if continued use of the scholarship award is disapproved by the Scholarship Committee upon report from the college that progress is deemed unsatisfactory to the college, the right of the scholarship holder to receive any further payment shall be forthwith terminated.

The approval or disapproval and decision of the Scholarship Committee shall in all its respects be final.