ELIGIBILITY

Any boy or girl who is in his last year in a 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, 1945, 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

1. Each contestant must take the Science Talent Search examination administered in his school on or after Friday, December 1, 1944.

2. Each contestant must submit an essay.

3. Certifying teachers must fill out in each examination blank a scholarship record and personal record.

4. All entries must reach the office of Science Clubs of America, 1719 N Street, N. W., Washington 6, D. C. not later than midnight Wednesday, December 27, 1944.

Science Talent Search examination and personal record blanks are furnished free of charge to any school official requesting them.

The essay shall be about 1,000 words in length on the subject: "My Scientific Project." 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 interpretative in character.

AWARDS

Forty contestants with highest talent as judged by a judging committee on the basis of Science Talent Search examination, scholastic and personal records, essays 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 at the beginning of March, 1945, 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.

Two contestants, one boy and one girl, coming to the Science Talent Institute will be selected by a board of judges to receive four-year scholarships of $2,400 each ($600 per year). Alternates will be named.

Eight additional contestants coming to the Science Talent Institute will be selected by a board of judges to receive four-year scholarships of $600 each ($150 per year). Three alternates will be named.

Additional scholarship awards totaling $1,000 will be awarded at the discretion of the judges.

Honorable mention will be awarded.

Committers 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 thereafter 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 collegiate year, but payments may be accelerated at the discretion of the Scholarship Committee.

If a winner is prevented from using his or her scholarship award because of entry into governmental war service, the award shall be held in abeyance and be made available to him or her upon his or her return to college work, provided that return occurs within one year after his or her release from governmental war service. In the event that the holder withdraws from college work for any other reason, or if continued use of the scholarship award is disapproved by the Scholarship Committee, the college that progress is deemed unsatisfactory to the college, the right of the scholarship holder to receive any further payments shall be forthwith terminated.

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

The best way to keep informed on the Science Talent Search is to belong to Science Clubs of America, 1719 N Street, N. W., Washington 6, D. C.
THE FOURTH ANNUAL SCIENCE TALENT SEARCH

Three hundred boys and girls, who are believed to have unusual potential scientific ability, have been selected from the 1945 senior classes of United States secondary schools and have been awarded honors in the Fourth Annual Science Talent Search.

Designed to discover and develop scientific ability among high school seniors, the Science Talent Search is conducted annually for the Westinghouse Science Scholarships by Science Clubs of America, administered by Science Service, 1719 N Street, N.W., Washington 6, D.C.

FOURTH ANNUAL SCIENCE TALENT SEARCH WASHINGTON TRIP WINNERS

Eleven girls and 29 boys (proportion determined by ratio of boys and girls entering the contest) are being invited to Washington, D.C., for an all-expense trip March 2 to March 6, 1945, to attend the Science Talent Institute. Here one boy and one girl will be awarded $2,400 Westinghouse Grand Science Scholarships. Eight winners will be awarded $400 Westinghouse Science Scholarships and $3,000 additional in scholarships will be awarded.

The trip winners are 15 to 17 years of age and come from 34 localities in 15 states. They were picked by the judges from among 15,000 contestants of whom about 3,000 completed their entries by taking a science aptitude examination, obtaining recommendations and writing an essay on "My Scientific Project." Entries were received from every state.

About three fifths, 58%, or 23 of the 40 Fourth Annual Science Talent Search winners ranked first or second in their graduating classes. The winners were members of a total of 61 science clubs and at least 16 of them were club presidents or other officers.

Girls accounted for 28% of the entries this year, in comparison to 31% last year.

* Indicates girls.

(HOME ADDRESS PULLOWS name of school.)

ARIZONA

Phoenix
Royle, Halsey Lawrence, Jr. 16 Phoenix Union High School. 3031 N 9th Ave. Box 3707

CALIFORNIA

Belmont
*Hodgson, Margaret Joan 17 Notre Dame High School. 702 W.lake Ave.

ILLINOIS

Evanston
*Kaufmann, Renate Mathilde 16 Evanston Township High School. 8088 Mack Ave.
*Parker, Myrtle Willa 16 Evanston Township High School. 1625 Ridge Ave.

Harvey
Clark, George Whipple 16 Thornton Township High School. 12009 S. 75 St.

LeGrange
Anson, John Hahn 17 Lyons Township High School. 10200 W. Howard Ave.

Troy
Reed, Charles Orlando 17 McCrory-Deway Township High School. 1573 S. Howard Ave.

Washington
Rich, Ronald Lee 17 Washington Community High School. 1455 S. Prairie Ave.

MICHIGAN

Detroit
Walker, Edward John 17 Cooley High School. 16850 Freeland Ave.

MISSOURI

University City
Michel, Maynard Cornelius 17 University City Senior High School. 6700 Grel Ave.

NEBRASKA

Minden
Petersen, Frederic 17 Minden High School. 300 Yates Ave.

Valley
Wahlgren, John Howard 17 Valley High School. Valley

NEW HAMPSHIRE

Exeter
Dwight, Kirby, Jr. 16 Phillips Exeter Academy. 1085 Madison Ave.

Wilton

NEW JERSEY

Newark
Milburn, Richard Henry 16 Barringer High School. 800 DeGraw Ave.

NEW YORK

Albany
*Boochever, Lois Lee 16 St. Agnes School. 500 Myrtle Ave.

Brooklyn
Conroy, Harold 16 Brooklyn Technical High School. 175 Waverly Place.

Kavetsky, Paul 17 Abraham Lincoln High School. 4211 New York Ave.

Jeswic, Marion Cecile 17 Our Lady of Mercy High School. 435 - 17th St.

Far Rockaway
Blackman, Jerome 16 Far Rockaway High School. 803 Beach St.

Forest Hills
Sessler, Andrew M. 15 Forest Hills High School. 111-25 Fernshing Crescent, Jamaica

New Rochelle


New York
Koslowski, Edward Malcolm 15 Stuyvesant High School. 258 Park Ave.

Streitwieser, Andrew 17 Stuyvesant High School. 80-29 165th St., Jamaica 8

*Levy, Madeline Lenore 16 William Howard Taft High School. 1015 Grand Concourse, 52

Roslyn Heights
*Carney, Jean Carolyn 16 Roslyn High School. 301 Shadow Lane, East Williston

Syracuse
Hill, David Allen 17 Syracuse Central High School. 2215 S. Genesee St.

Watertown
*Stafford, Nancy Jeanette 17 Watertown High School. 152 Flower Ave.

- 3 -
classes. Forty-five percent of the boys and 50% of the girls have had at least four years of high school science. Eighty-two percent of the boys and 85% of the girls have studied science for three years or more in high school. All have participated in a wide variety of extracurricular activities and hobbies.

Among the 74 girls who won Honorable Mention 37 belong to science clubs and 8 of these are presidents or hold other offices in their clubs. One hundred twenty-two boys of the 168 who won Honorable Mention belong to science clubs and of this number 39 are their club presidents or hold other elective offices in their clubs.

The proportion of boys and girls in this list is determined by the ratio of boys and girls entering the contest.

* Indicates girls.

(A HOME ADDRESS FOLLOWS name of school.)

ARIZONA
Tucson
Dubois, Mary Louise 17 Tucson Senior High School. 1026 East Fifth Street

Brawley
Griffin, Monty Darer 17 Brawley Union High School. F. O. Box 257

Coronado
Hills, Clifford Allan 17 Coronado Union High School. 355 West Darien Street

San Diego
Kasek, George Edward 17 Coronado High School. 727 J Avenue

Los Angeles
Koehler, Lawrence Keith 16 Dorey High School. 3849 Second Avenue, 43

Faso Nobles
Spargo, Phyllis Maori 17 Faso Nobles Union High School. Rt. 1, Box 208

Redondo Beach

San Francisco
Kusel, Wesley Allen 17 San Francisco High School. 3020 Lowell St., C

San Jose
Heintz, Walter George 17 Bellarmine Preparatory School. 1520 Davis Street, 11

Santa Maria
Starkson, William Barry 16 Santa Maria Union High School. 318 S. Elizabeth Street

COLORADO
Aurora (Denver)
Brown, Hubert Marion 17 William Smith High School. 1588 Lima Street, 8

Denver
McNulty, Rose Rita 17 Cathedral School. 1560 Newport Street, 7

Dolores
Roelker, Jimmy Hammond 17 Dolores High School. Box 273
Fairfield  
Sullivan, William Michael 17 Fairfield College Preparatory  
7 Kellogg Street, Norwalk, School.

Wilford  
*Gerroll, Patricia Ann 16 Lauralton Hall School.  
3185 Park Avenue, Bridgeport.

New London  
*McCarthy, Betty Estelle 17 Williams Memorial Institute.  
1 Fairview Street.

DISTRIBUTION OF COLUMBIA

Washington  
5018 42nd Street, N.W., 16  
Rogers, Thomas Stevenson 16 Woodrow Wilson High School.  
3720 Windsor Pl., N.W., 16  
*Stinson, Julia Anne 17 Woodrow Wilson High School.  
2920 Brandywine Street, S  
Stout, Robert West 16 Woodrow Wilson High School.  
3510 Porter Street, N.W., 16  
*Thompson, Margaret Ann 16 Woodrow Wilson High School.  
2079 Carvel Road, SE  
*Uhlich, Therese Ann 16 Woodrow Wilson High School.  
114 Wcotton Avenue, Chevy Chase 15, Md.

Jacksonville  
1120 Copeland Street, 4

GEORGIA

Atlanta  
*Bridges, Dorothy Eloise 17 Girls High School.  
371 Atwood St., S.W.  
*Skene, Dorothy Eugenia 17 Girls High School.  
1248 Leslie Avenue, S.W.

Gainesville  
Milner, Edward McDonald 16 Gainesville High School.  
311 East Spring Street

ILLINOIS

Arlington Heights  *Sommer, Nan Ellen 17 Arlington Hts. Township High School.  
601 Burton Place

Chicago  
*Dombrowski, Irene Pearl 17 Holy Family Academy.  
1408 S. Kedzie Avenue, 51  
*Vollini, Gloria Marie 17 Immaculata High School.  
1911 North Dearborn Street, 10  
*Wils, Patricia Anne 17 Immaculata High School.  
8215 Newport Avenue, 13  
Shapiro, Theodore, Jr. 17 Lane Technical High School.  
1400 Sheridan Road, 13  
*Steinhaus, Rita Hilfman 17 Providence High School.  
4321 Gladys Avenue, 24

Decatur  
Curry, James William 17 Decatur High School.  
1124 E. Clay Street, 35

Des Plaines  
Anderson, Arthur Alfred 17 Maine Township High School.  
353 Ardmore Road  
*Bergman, Margaret Elizabeth 16 Maine Township High School.  
423 Elmwood Street, Park Ridge

Downers Grove  
Townsend, Robert Lewis 16 Community High School.  
744 Chicago Avenue

Edwardsville  
Wayne, William Charles 17 Edwardsville High School.  
201 North Clay Street

Freeport  
Zartman, Harvey Ford 17 Freeport High School.  
1307 N. Stephenson

Hinsdale  *Davis, Patricia Ann 16 Hinsdale Township High School.  
741 South Grant Street  
Wilson, Frank Charles 17 Hinsdale Township High School.  
301 South Park Avenue

LaGrange  *Craig, Ruth Ellen 16 Lyons Township High School.  
3912 Woodland Avenue, Western Springs  
*Backer, Margaret Brandina 16 Mt. Olive Community High School.  
407 Second South Street  
Howard, Robert Gene 17 Mt. Olive Community High School.  
Box 612

Oak Park  
Koucky, Frank Louis 17 Oak Park River Forest High School.  
1106 Keystone Avenue, River Forest  
215 Lincoln Street, 6  
411 Heidroth Street, 6  
Fontana  
Harrison, Willard Wayne 17 Fontana Township High School.  
427 Chestnut Street

Winnetka  
515 Voodland Lane, Northbrook

INDIANA

Gary  *Anderson, Leola Margaret 17 Roosevelt High School.  
705 West 25th Avenue

Indianapolis  
*Weiss, Adolf 16 Arsenal Technical School.  
611 East 32nd Street, 5

North Manchester  *Now, Mary Ellen 17 Chester Township High School.  
B.R. 43

Feru  
Whaler, William David 17 Feru High School.  
263 South Broadway

South Bend  
Thompson, Richard Sart 17 James Whitcomb Riley High School.  
630 East Dubulle Avenue, 14  
*Wagner, Evelyn Jeanne 17 James Whitcomb Riley High School.  
R.R. 1, Lakeville

IOWA

Osage  
Danforth, William Frank 16 Osage High School.  
627 Fine Street

Ottsburg  
229 Ottumwa Street

KANSAS

513 West 4th Street

Wichita  
McConkey, George Sparhawk 17 Manhattan High School.  
423 Denison Avenue

Manhattan  
Smart, Neil Elwood 17 Springer High School.  
500 South Pees, 10  
Bodin, Jimmy Ronald 15 Wichita High School East.  
3108 Carmen Drive, 6

Kentucky

Paducah  
Langstaff, Will Irion 17 Paducah High School.  
2404 North 38th Street

MAINE

Portland  
Barlow, Robert James 17 Deering High School.  
118 Deering Street, 5

- 6 -
Cleveland
Soukup, Harry Joseph 17 Benedictine High School.
4687 East 88th Street, 5
Evans, George 16 East High School.
1659 East 73rd Street, 3
*Hooijman, Harriet Marie 17 West High School.
2910 Saratoga Avenue, 9
Defiance
Frederic, Jack Justin 17 Defiance High School.
659 Holgate Avenue
Hudson
Hendrickson, James Briggs 16 Western Reserve Academy.
2407 Meadowbrook Drive, Toledo 6
Logan
Stallsmith, Robert Roy 17 Logan High School.
467 North Orchard
Monroe
Haigh, Paul Joe 17 Monroe High School.
3602 Tymus Avenue, Middletown
North Canton
Brechner, Richard Earl 17 North Canton High School.
315 West North Street
Ebel, Robert Dean 17 North Canton High School.
162 Woodside Avenue
Schneider, Arthur Lewis 17 North Canton High School.
311 Fairview Street
314 Church Street
Youngstown
Proctor, David George 17 Boardman High School.
7409 Market Street, 5
OKLAHOMA
Kingfisher
Hablitt, Bill 17 Kingfisher High School.
918 South 7th Street
Tulsa
*Walton, Ann Marie 15 Will Rogers High School.
2310 East Thirteenth Street, 4
OREGON
Portland
Green, Clifford 17 Roosevelt High School.
720 North Van Houten Avenue, 3
PENNSYLVANIA
Allentown
Acker, Harvey Winfield, Jr. 15 Allentown High School.
346 North 15th Street
Altoona
Laughlin, William Elwood 17 Altoona Senior High School.
604 Crawford Avenue
Stern, Frederick bernard 17 Altoona Senior High School.
4059 Ridge Avenue
Whipple, Caryll Robbins 17 Altoona Senior High School.
1108 Twenty-second Avenue
Ardsley
Reisner, William C. 16 Lower Merion Senior High School.
310 Beech Avenue, Marberth
Ashland
Price, Frederick Clinton 17 Ashland High School.
921 Center Street
Camp Hill
Hart, Lane Schofield 17 Camp Hill High School.
25 South 26th Street
Camp Hill
Ray, David 16 Camp Hill High School.
2609 Market Street
Danmore
*Hoffman, Naomi Elizabeth 17 Danmore Senior High School.
1712 Marion Street, Scranton 9
Elizabethtown
*Frey, Mary Jane 16 Elizabethtown High School.
36 Washington Street
Erie
Dow, Burton Smith 111 17 Strong Vincent High School.
1348 West 9th Street
Harrisburg
*Hafer, Nancy Jean 15 John Harris High School.
1420 Mountaine Street
- 12 -
Hershey
*Daniel, Mary Katherine 17 M.S. Hershey Jr.-Sr. High School.
Hershey Ind. School
Lehighton
Eberts, William Ulysses 17 Lehighton High School.
Union Hill - Rt. 3
Lewistown
Stuckenreth, Robert 17 Lewistown High School.
300 Shaw Avenue
McKeensport
Seney, Raymond 16 St. Peter High School.
1410 Seales Street
Philadelphia
Jones, John Horace, Jr. 16 Friends' Central School.
Kings Grant Road, Radnor
*Klings, Mary Jane Deloquerc 16 Little Flower Catholic High School.
5705 Anderson Street, 19
*Piotrowska, Lucy Barbara 17 Little Flower Catholic High School.
4405 Livingston Street, 37
Pittsburgh
*Ramsay, Jean Elizabeth 16 Overbrook High School.
45 South Keystone Avenue, Upper Darby
West Chester
Healy, Robert Edward 17 Taylor Allderdice High School.
2933 Kelly Street, 6
Melnick, Robert N. 17 Taylor Allderdice High School.
1338 Wightman Street, 17
Zangwill, Donald 17 Taylor Allderdice High School.
4226 Elaine Street, 17
Foggo Pines
Kerrick, Edgar Alfred 17 Tobyhanna Township High School.
Blakeslee, Pa.
Reading
Foley, William Dennis 17 Reading Catholic High School.
323 Pine Street
Kalfas, Charles Downes 17 Reading Senior High School.
716 Franklin Street
Rising, Hawley Knox 17 Reading Senior High School.
1584 Palm Street
State College
Hicks, David Reagan 17 State High School.
629 N. Allen Street
West Chester
Burlbank, Robert William 17 West Chester High School.
R.D. 9
West Pittston
Owens, Robert Howo 17 West Pittston High School.
201 Montgomery Avenue
Wilkes-Barre
Flanner, William Allan 17 James H. Douglass High School.
350 North Main Street
Williamsport
Berry, James Frederick 17 Williamsport High School.
144 Bennett Street
REDE ISLAND
Providence
Farnsworth, Edward Allan 16 Hope High School.
174 Laurel Avenue, 6
SOUTH CAROLINA
Spartanburg
Brock, Luther Kennedy, Jr. 16 Spartanburg Senior High School.
330 Connecticut Avenue
TENNESSEE
Nashville
*Turner, Dorothy Jean 17 Hillsboro School.
1004 Woodmont Blvd., 14
TEXAS
Austin
2302 Woodlawn Blvd., 21
Corpus Christi
Keesler, Edwin III 16 Corpus Christi Senior High School.
126 Naples Street
- 13 -
Bail, Benja, in Calhoun, Jr. 16 Highland Park High School.
4735 Park Lane, 9

Fleck, Joel Jaden 16 Highland Park High School.
4215 Larchmont Avenue, 5

3803 Roseland Avenue, 6

Broberg, Alan Robert 16 Woodrow Wilson High School.
5001 Wendover Road, 14

El Paso
* Clemenin, Alice 15 Austin High School.
2735 Silver Street

Bixler, Bruce Grenfell 16 El Paso High School.
1109 Mollinue Street

Houston
Wilson, Joseph Benjamin 16 Jefferson Davis High School.
327 Erk Street, 9

Midland
Barron, Charles Elliott 16 Midland High School.
1414 W. Indiana

San Antonio
Pickard, Dan Edward 16 Central Catholic High School.
2011 Fresno Drive, 1

VERMONT
Bradford
Mallory Farm

VIRGINIA

Eastville
James, William Jr., 16 Northampton High School.
Eastville
* Scott, Harriet Downes 16 Northampton High School.
Bridgetown

Newport News
Daniel, John Warwick 16 Newport News High School.
333 5th Street

Richmond
Kreek, Louis Francis, Jr. 16 Thomas Jefferson High School.
518 N. Shepard Street, 21

WASHINGTON
Doming
Wickram

Fullman
Bedlich, Martin George 16 Fullman High School.
600 Spring Street

Seattle
Hodson, Charles Grant 17 Highline High School.
2223 South 124th St., 88

Maxfield, Richard Vance 17 Roosevelt High School.
3706 47th Place, N.W., 5

Spoelma
Wilson, Perry Baker 17 Lewis & Clark High School.
716 East 20th Street, 10

WEST VIRGINIA

Moorefield
Grover, John Wagner 17 Moorefield High School.
Moorefield

Williamson
* Fields, Wileta Nell 17 Williamson High School.
1012 East Fourth Avenue
* Slaven, Katharine Hooper 17 Williamson High School.
707 Poplar Street

WISCONSIN

Campbellsport
Gots, Russell Jerwin 17 Campbellsport High School.
Campbellsport

Eau Claire
Van Holde, Kenesl Edward 16 Eau Claire Senior High School.
Rock Falls

- 14 -

Green Bay
Berners, Edgar Davis 17 Central Catholic High School.
1015 South Webster Avenue

Madison
Knaplund, Paul William 16 West Senior High School.
1850 Summit Avenue, 5

Merrill
* Naschik, Celestine Anne 16 Merrill High School.
14, Box 69

Milwaukee
* Norbeck, June Frances 16 Holy Angels Academy.
613 W. Wisconsin Avenue, Wauwatosa 13
* Schmidt, Margaret Ann 17 Holy Angels Academy.
3375 North 53rd Street, 16

Kulick, Kenneth Edmund 17 Marquette University High School.
4723 West Woodlawn Court, 13

Arnosti, Anton Elmer 17 Whitefish Bay High School.
4744 North Larkin Street, 11

Oconto
* Van Hulls, Mary Lavonne 16 Oconto High School.
K.B. 2

Fort Bragg
* Monteufel, Gloria Jean 17 Fort Bragg Senior High School.
309 Edgewater Street

Shorewood
Laflor, James Adair 17 Shorewood High School.
3235 North Summit Avenue, Milwaukee 11

Hubbard, Tom 16 Shorewood High School.
2021 East Wood Place, 11

Michels, Joseph Samuel 17 Shorewood High School.
2621 East Beverly Road, Milwaukee 11

* Ceborn, Lorraine Ellen 17 Wauwatosa High School.
115 K. Franklin Street

Waukesha
Schuetz, Edwin Charles 18 Waukesha Senior High School.
530 Franklin Street

* Patterson, Nelia Lue 17 Wauwatosa High School.
6537 Hillcrest Drive, 13

Winneconne
Zellner, Lynn Rodman 16 Winneconne High School.
Mt. 1

Sponsorship of the Science Talent Search

The Science Talent Search is conducted by Science Clubs of America, 1719 15 St., N.W., Washington 6, D.C., one of the activities of Science Service.

Awards are provided and the Science Talent Search made financially possible by the Westinghouse Electric & Manufacturing Company, a leader in scientific research, engineering, and manufacture in the electrical industry, as a contribution to the advancement of science in America.

Science Clubs of America, administered by Science Service, is the nation-wide organization binding together science groups, in schools and out. Science Service is the non-profit institution for the popularization of science, with trustees nominated by the National Academy of Sciences, National Research Council, the American Association for the Advancement of Science, The E. W. Scripps Estate and the Journalismal profession.

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