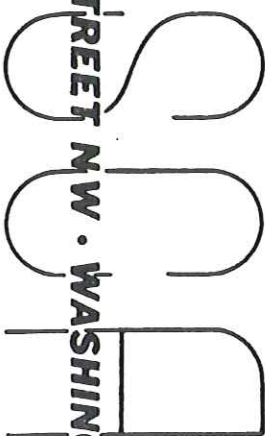


**THE WINNERS  
IN THE EIGHTH ANNUAL  
SCIENCE TALENT SEARCH**

**SCIENCE CLUBS OF AMERICA**



**1719 N STREET NW • WASHINGTON 6 DC**

**DEDICATED TO THE DEVELOPMENT OF SCIENCE TALENT  
ADMINISTERED BY SCIENCE SERVICE, THE INSTITUTION FOR  
THE POPULARIZATION OF SCIENCE. WATSON DAVIS, DIRECTOR**



## 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. Little by little, as wartime secrets have been made known, we have learned of the service of science in winning the war and preserving our way of life.

A peaceful and effective united world cannot be achieved unless ever greater abilities, energies and resources being devoted to the constructive problems of the postwar world.

The Science Talent Search has succeeded far beyond our hopes. To the top 300 contestants in each of the first seven years there have come many thousands 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 seven Science Talent Searches making creditable records in colleges and universities, this attempt at picking those with research ability in science has become an institution and a tradition. Those selected in such vigorous 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 in 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 eight 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 EIGHTH ANNUAL SCIENCE TALENT SEARCH

Three hundred boys and girls, who are believed to have unusual potential scientific ability, have been selected from the 1949 senior classes of United States secondary schools and have been awarded honors in the Eighth 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 St., N.W., Washington 6, D.C.

### EIGHTH ANNUAL SCIENCE TALENT SEARCH WASHINGTON TRIP WINNERS

Nine girls and 31 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 3 through March 7, 1949, to attend the Science Talent Institute. Here one boy or girl will be awarded the \$2,800 Westinghouse Grand Science Scholarship. Other scholarships, bringing the total to \$11,000, will range from \$100 to \$2,000. They will be awarded at the discretion of the judges.

The trip winners are 15 to 18 years of age and come from 32 localities in 17 states and the District of Columbia. They were picked by the judges from among 16,218 contestants of whom 2,482 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 60% of the 40 Eighth Annual Science Talent Search winners ranked first, second, or third in their graduating classes. Most of the winners are members of science clubs and at least eight of them were club presidents, or other officers. Most of their clubs are affiliated with Science Clubs of America.

Girls accounted for 21.4% of the entries this year, in comparison to 20% last year.

\* Indicates girls  
H.S. indicates High School  
HOME ADDRESS follows the name of the school  
AGE of winner follows name

#### CALIFORNIA

Claremont	Taylor, Dwight Willard	17	Webb School of California
Glendale	Shugart, Howard Alan	17	Herbert Hoover H.S.
Lomita	Thorpe, Edward Oakley	16	Narbonne H.S.
			25635 Pennsylvania Ave.

#### DISTRICT OF COLUMBIA

Washington	Wernitz, Carl Weber	17	Coolidge H.S.
			620 Nicholson St., N.W. 11



Gilbert, Walter 16 Sidwell Friends School  
3309 35th St., N.W., 16

#### ILLINOIS

Arlington Heights \*Bohrer, Vorsila Laurene 18 Arlington Heights Township H.S.  
100 E. Clarendon St., Prospect Heights  
Oak Park \*Johnson, Laveta Audrey 17 Oak Park Township H.S.  
828 N. Austin Blvd.

#### IOWA

Grinnell Kaufman, John David 16 Grinnell H.S.  
1505 Park St.

#### KANSAS

Topeka George, Myron Don 17 Highland Park H.S.  
812 E. 27th St.

#### LOUISIANA

Lafayette Conner, Pierre Euclide, Jr. 16 Catholic H.S.  
1618 Myrtle Blvd.

#### MASSACHUSETTS

Andover Kimball, John Ward 18 Phillips Academy  
50 School St.

#### MISSOURI

St. Louis Stout, George Hubert 16 St. Louis Country Day School  
5153 Westminster Place 8  
Merz, Edwin Henry, Jr. 17 Southwest H.S.  
4927 Nottingham Ave. 9

#### NEW JERSEY

Millburn Shiman, Paul Leonard 17 Millburn H.S.  
59 Mountain Ave., Maplewood  
New Brunswick Boldt, Elihu Aaron 17 New Brunswick H.S.  
226 Powers St.

#### NEW YORK

Brooklyn Goldman, Alan Joseph 16 Abraham Lincoln H.S.  
3100 Ocean Parkway 24  
Bauman, Norman 16 Midwood H.S.  
1024 Montgomery St. 13  
Forest Hills Bach, Michael Klaus 17 Forest Hills H.S.  
138-08 76th Ave., Flushing  
\*Victor, Ursula Vivian 16 Forest Hills H.S.  
117-01 Park Lane South, Kew Gardens 15  
\*Wagner, Anne 16 Forest Hills H.S.  
62-65 Saunders St., Rego Park, Flushing

Newburgh  
New York

Winston, Herbert 15 Forest Hills H.S.

102-47 65th Road

Clough, Garrett Conde 17 Newburgh Free Academy

South Plank Road, R.D. #3

Brett, Jack Samuel 17 Bronx H.S. of Science

244 West 106th St. 25

Landau, Henry Jacob 17 Bronx H.S. of Science

141 West 76th St. 23

Brilliant, Martin Barry 17 Stuyvesant H.S.

457 Schenectady Ave., Brooklyn 3

\*Jaburg, Erika Elizabeth 18 Walton H.S.

2790 Grand Concourse 58

Kriegsman, William Edwin 16 Scarsdale H.S.

167 Brite Avenue

\*Zalutsky, Rosalyn Edith 17 Mont Pleasant H.S.

1534 Van Cortlandt St. 3

#### OHIO

Cleveland

Martin, Thomas Francis 17 Cathedral Latin School

1396 East 45th St. 3

Galena

Dell, Fritz 17 Harlem Township H.S.

R.R. #2

Terrace Park

Reinhardt, Nicholas 17 Terrace Park H.S.

Ragland Road R.#1, Newtown

#### OKLAHOMA

Oklahoma City

\*Littlejohn, Caroline Stuart 16 Classen H.S.

808 N.W. 17th St. 6

#### OREGON

Eugene

Bray, Richard Arthur 17 Eugene H.S.

306 Pearl St.

#### PENNSYLVANIA

Philadelphia

\*Oels, Helen Claire 17 Little Flower Catholic H.S. for Girls

2118 Cottage Lane 44

\*Harmon, Margaretta Vanya 16 Philadelphia H.S. for Girls

1710 Spring Garden St. 30

Pittsburgh

Plantz, Charles Arthur 16 Mt. Lebanon H.S.

101 Woodhaven Dr., 16.

#### TENNESSEE

Nashville

Barr, Thomas Calhoun Jr. 17 Hillsboro H.S.

3201 Hillsboro Road 4

#### TEXAS

Galveston

Anglstein, Robert 16 Ball H.S.

1011 19th St.

# UTAH

Mt. Pleasant Nelson, Roger Hugh 17 North Saupete H.S.  
Box 178, Spring City

## WISCONSIN

Shorewood Blather, Robert James 17 Shorewood H.S.  
3518 N. Murray Ave. 11

\* \* \*

## EIGHTH 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 Mentions in the Eighth 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 Eighth 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. Stewart H. Britt, 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 indicate 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 Eighth Annual Science Talent Search 35% of the boys and 40% of the girls were first or second in their high school classes. All of the boys and girls have studied science and/or mathematics for three 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 109 belong to science clubs. Most of these 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 55 girls and 205 boys.

\* Indicates girls  
H.S. indicates High School  
HOME ADDRESS follows name of school  
AGE of winner follows name

## ALABAMA

Stevenson \*Allison, Helen 16 Stevenson H.S.  
Rash

# ARIZONA

Phoenix \*Fennemore, Mary Benita 16 North Phoenix H.S.  
321 W. Almeria Rd.  
Tucson Davis, Jefferson Clark, Jr. 17 Tucson Senior H.S.  
3941 E. Desmond Lane

Winslow Van de Verde, Adrian, Jr. 18 Tucson Senior H.S.  
3231 N. Jackson Ave.  
Gardner, William Dmitri 16 Winslow H.S.  
521 Williamson St.

## ARKANSAS

Malvern Beem, Donald Clare 16 Malvern H.S.  
R. #1, Traskwood

## CALIFORNIA

Bakersfield Marion, John Edward 17 Bakersfield H.S.  
1600 Alta Vista Dr.  
El Monte Smith, Robert Le Roy 18 El Monte Union H.S.  
1701 Bunker Ave.  
Los Angeles \*Malloy, Joan 17 John Marshall H.S.  
4221 Newdale Dr. 27  
North Hollywood Smith, Darwin 17 North Hollywood H.S.  
4256 Denny Ave.

Oakland Troutner, Vernon Hubert 17 Fremont H.S.  
3477 Davis St. 1  
Palo Alto Johansen, Donald Edward 16 Palo Alto Senior H.S.  
3391 Middlefield Road

Pasadena Bixler, Robert Lewis 17 Pasadena City College  
2500 Woodlyn Rd. 7  
San Francisco Gross, Richard Martin 17 Lowell H.S.  
114 Grifalva Dr. 12  
Rubin, Melvin Lynne 16 Lowell H.S.  
677 Oak St. 17

Santa Monica Frank, Eugene Nicholas 17 St. Monica's Boys' H.S.  
1139 18th St.  
Santa Rosa Blodgett, William Grinnell 17 Santa Rosa H.S.  
1119 Beaver St.  
South Gate Scott, Bruce Laurence 16 South Gate H.S.  
10414 Hildreth Ave.

Venice Ford, Ben Redford, Jr. 18 Venice H.S.  
4237 McCormell Blvd.  
Wilmington Brunner, Richard Maule 17 Phtneas Banning H.S.  
125 East L St.  
Farnam, Elmer Eugene 18 Phtneas Banning H.S.  
768 Realty St.

## COLORADO

Brighton Slusher, Robert Lewis 17 Brighton H.S.  
705 Bridge St  
Denver Anderson, Bruce David 17 East H.S.  
1623 Adams St. 6

Cass, Alan Golin 17 East H.S.  
2324 Grape St. 7



# CONNECTICUT

Bridgeport \*Jacobson, Marjorie Joan 16 Bassick H.S.  
356 Taft Ave. 4  
Milford \*Liptak, Dolores Ann 17 Lauralton Hall  
183 Whittier St., Bridgeport 5  
\*Mitchell, Marilyn Jane 17 Lauralton Hall  
31 Ellis St., Devon  
Suffield Whitman, Allen Lee, Jr. 17 Suffield Academy  
River Road, Cos Cob  
Wetherfield Young, William Henry, Jr. 18 Wetherfield H.S.  
53 Fairview Drive 9

# DISTRICT OF COLUMBIA

Washington \*Preston, Agnes Scott 17 Dunbar H.S.  
1523 P St., N.W. 5  
McGonegal, John Richard 16 St. Anselm's Priory H.S.  
4524 South Dakota Ave., N.E. 17

# FLORIDA

Coral Gables Wadsworth, Donald van Zeim 17 Ponce de Leon H.S.  
3700 Hibiscus St., Miami 33  
Fort Pierce Schneider, William Michie, Jr. 17 St. Lucie County H.S.  
610 South 12th St.  
Tampa Morgan, Richard Alvin, Jr. 17 Hillsborough H.S.  
207 West Jean St. 4

# GEORGIA

Atlanta \*Hatfield, Ada Joyce 17 Wm. A. Bass H.S.  
601 Page Ave., N.E.  
LaGrange Plambeck, Kenneth Ernest 15 Wm. A. Bass H.S.  
89 Spruce St., N.E.  
\*Fokes, Loretha Frances 17 LaGrange H.S.  
301 N. Greenwood St.  
Fowler, Thomas Kenneth 17 LaGrange H.S.  
431 Gordon Circle  
Singleton, Gary Lee 18 LaGrange H.S.  
103 Gordon St.

# ILLINOIS

Charleston Dickerson, Richard Earl 17 Eastern State H.S.  
1533 Third St.  
Chicago Gordus, Adon Alden 16 Gage Park H.S.  
3727 W. 56th St. 29  
\*Klose, Mary Anne 17 The Immaculate H.S.  
3657 North Marshfield Ave. 13  
Cicero Stejskal, Edward Otto, Jr. 17 J. Sterling Morton H.S.  
6509 W. 26th Place, Berwyn  
Evanston Benjamin, Charles Ephraim 16 Evanston Township H.S.  
2220 Payne St.  
Brumlik, Joel 16 Evanston Township H.S.  
7348 Ridge Ave., Chicago 45  
Maywood Wassmundt, Frederick William 16 Proviso H.S.  
1027 S. Harlem Ave., Forest Park

Oak Park Nowak, Michael Joseph 17 Fenwick H.S.  
4819 Concord Place, Chicago 39  
River Forest \*May, Julia Clare 17 Trinity H.S.  
2334 N. 76th Court, Elmwood Park 35  
Toluca Shanklin, Kenneth Dale 17 Toluca Community H.S.  
R.R. #1  
Urban Potthoff, Richard Frederick 16 University H.S.  
608 Delaware St.

# INDIANA

Connersville \*Stiller, Mary Louise 17 Connersville Senior H.S.  
1019 Central Ave.  
East Chicago Treadway, Robert Frank 18 Roosevelt H.S.  
1215 Beacon St.  
Evansville Goasley, James Leon 17 Central H.S.  
613 E. Louisiana 11  
Fort Wayne \*Gillies, Dana Mary 17 Central Catholic H.S.  
R.R. #5, Columbia City  
Gary Gray, Donald Louis 18 Horace Mann School  
701 Roosevelt St.  
Muncie Stern, Mark Joel 17 Horace Mann School  
544 Pierce St.  
Judy, Paul Ray 18 Burris H.S.  
2501 W. Washington St.  
West Lafayette Patch, Richard Walker 16 West Lafayette Senior H.S.  
R.F.D. 2, Lafayette

# IOWA

Dubuque \*Bonz, Patricia Ann 17 St. Joseph's Academy  
2109 Rhombert Ave.  
New Hampton Blazek, James Virgil 17 New Hampton H.S.  
R.F.D. #1, Lawler  
Newton Steward, Donald Vanderveer 16 Newton H.S.  
607 East 7th St., North  
Storm Lake Richards, William Joseph 17 Storm Lake H.S.  
826 West Third St.

# KANSAS

Hutchinson Yowell, Cleyon Carlos Orlando 17 Hutchinson Senior H.S.  
107 West 15th St.  
Minneola \*Duford, Patricia Ann 17 Minneola Rural H.S.  
Minneola  
Wellington Seaton, Jacob Alif 18 Wellington Junior-Senior H.S.  
823 West Harvey St.

# MARYLAND

Baltimore Labowitz, Leonard Cecil 18 Forest Park H.S.  
2344 Reisterstown Road 17  
Wentworth, Robert Clark 18 St. Paul's School for Boys  
1813 South Road 9

# MASSACHUSETTS

Attleboro \*Guillette, Helen 17 Attleboro H.S.  
33 School St.  
Boston Baker, Milton Robert 16 Public Latin School  
43 Strathmore Rd., Brighton 35  
Norwood Nichols, Paul Frothingham 17 Norwood H.S.  
3 Douglass Ave.

# MICHIGAN

Detroit Wilkerson, Thomas Delaney 16 Redford H.S.  
20035 Briarcliff 21  
Midland Hanawalt, Philip Courtland 17 Midland Senior H.S.  
2016 Eastman Rd.  
Mt. Clemens \*Guild, Dona Claire 17 Mt. Clemens H.S.  
90 Riverside Drive  
Magee, Charles Thomas, Jr. 16 Mt. Clemens H.S.  
108 South Ave.  
Rochester Williams, Evan Southgate 18 Rochester H.S.  
384 Predmore Rd., RFD #2, Box 151-D, Lake Orion

# MINNESOTA

Austin Tanner, Delmar Forrest 17 Austin H.S.  
Brownsville  
Deer River Danielson, Robert Emil 17 Deer River H.S.  
Box 512  
St. Paul Smith, Robert Farquharson 17 Central H.S.  
1514 Osceola Ave.

# MISSOURI

Clayton Montgomery, Douglas Gale 17 John Burroughs School  
425 South Rock Hill Road, Webster Groves 19  
Independence \*Easter, Ellen Irene 17 William Chrisman H.S.  
2542 South Scott St.

# MONTANA

Butte Tierney, Donald Frank 17 Butte H.S.  
830 W. Copper St.  
Great Falls \*Moline, Marjorie Louise 17 Great Falls H.S.  
1516 Fifth Ave. North  
Havre Lucke, Allan Louis 17 Havre H.S.  
925 2nd Ave.  
Missoula Taylor, Thomas Stiffler 17 Missoula Co. H.S.  
222 Beverly Ave.  
Worden Carlstrom, David Louis 16 Huntley Project H.S.  
Worden

# NEBRASKA

Fairbury Elise, Willis Irl 17 Fairbury H.S.  
903 Eighth St.  
Lincoln Lodwig, Roscoe Maurice, Jr. 18 Lincoln H.S.  
868 South 28th St. 8

# Omaha

\*Cowger, Marilyn Louise 17 Benson H.S.  
5828 Corby St. 4  
Gatz, Edwin Carl 17 Benson H.S. 7  
3105 North 59th St. 4  
McGarvey, David Carter 17 Benson H.S.  
5020 Decatur St. 3  
Earl, James Arthur 16 Central H.S.  
528 South 53rd St. 6  
Ewert, Ralph August 17 Central H.S.  
416 Grover St. 8

# NEW HAMPSHIRE

East Jaffrey Morse, Thomas Edward 17 Conant H.S.  
Stratton Road  
Laconia Holt, John Laurence 18 Laconia H.S.  
486 Union Ave.

# NEW JERSEY

Bloomfield Hauck, Fred Peter 16 Bloomfield Senior H.S.  
19 Rawson St.  
Flemington Hartman, Standish Chard, Jr. 17 Flemington H.S.  
26 Park Ave.  
Irvington Furst, Benjamin 17 Morrell H.S.  
880 Shuyesant Ave. 11  
Jersey City Prah, James William 17 William L. Dickinson H.S.  
77 North St. 7  
Linden Mayer, Joseph Carott 16 Linden H.S.  
840 Seymour Ave.  
Lyndhurst \*Corbett, Elizabeth Ellen 17 Lyndhurst H.S.  
333 2nd Ave.  
Millburn Pfaltz, Hugo Menzel 17 Millburn H.S.  
10 Windemere Terrace, Short Hills  
Newark Fischer, Albert Karl Paul 17 Barringer H.S.  
617 North Seventh St. 7  
Plainfield Dunavan, David Scott 17 Plainfield H.S.  
1345 Putnam Ave.  
Princeton Flory, Robert Earl 16 Princeton H.S.  
29 Harold Ave.  
Salem Tice, Gregory 17 Salem H.S.  
322 Morrison Ave.  
Summit \*Dodson, Dorothy Belle 17 Kent Place School  
11 Highview Terrace, Madison  
Trenton Sidel, Victor William 17 Trenton Central H.S.  
100 Walnut Ave. 9  
Union Kastner, Robert Allen 17 Union H.S.  
469 Winthrop Road  
Union City Scherb, Frank 18 Emerson H.S.  
1811 New York Ave.  
Upper Montclair Lampert, John Williams 16 College H.S.  
320 Crestmont Rd.  
Weehawken Hansen, Robert Hans 15 Weehawken H.S.  
187 Centre Ave., Secaucus  
Woodbury Hesser, Theodore Myers, Jr. 16 Woodbury H.S.  
63 N. Girard St.



# NEW YORK

Alden  
Ward, Harold Richard 17 Alden H.S.  
Crittenden Rd., Crittenden  
Webster, Medford Sherman 17 Alden H.S.  
Town Line Rd., Elma

Bayport  
Spoerri, Sven 16 Bayport H.S.  
Smith St., Blue Point  
Wilson, Richard Vincent, Jr. 17 Bayport H.S.  
P.O. Box 212, Holtsville  
McGiehan, Donn 17 Bronxville H.S.  
Hartsdale Acres, Hartsdale

Bronxville  
Donati, Alfred 17 Brooklyn Technical H.S.  
8747-26 Avenue 14

Brooklyn  
McNally, John Gregory 16 Brooklyn Technical H.S.  
872 Macon St. 33  
Pottasch, Stuart Robert 17 Brooklyn Technical H.S.  
43-30 46th St., Long Island City 4  
Baum, Leonard 17 Abraham Lincoln H.S.  
2 Amherst St. 29  
Kochman, Richard Shelley 17 Abraham Lincoln H.S.  
45 Falmouth St. 29

Little, Martin Henry 17 Abraham Lincoln H.S.  
2775 E. 16th St. 29

Arlen, Myron 17 James Madison H.S.  
2346 E. 19th St. 29

\*Bloch, Janet Laura 17 James Madison H.S.  
4281 Bedford Ave. 29

Gross, Leonard 17 James Madison H.S.  
1524 E. 29th St. 29

Hertzig, David 16 James Madison H.S.  
2715 Avenue Y 29

Lubkin, Yale Jay 17 James Madison H.S.  
2942 Nostrand Ave. 29

\*Lahn, Jean Roslyn 16 Midwood H.S.  
383 E. 17th St. 26

\*Zwick, Carol 17 Samuel J. Tilden H.S.  
318 E. 93rd St. 12

\*Schultz, Natalie Ann 15 West Seneca Central H.S.  
118 Wildwood Ave. 10

\*Jackson, Virginia Louise 17 East Aurora H.S.  
323 Girard Ave.

Elmhurst  
Weinberg, Donald Lewis 17 Newtown H.S.  
61-11A 80th St., Middle Village

Floral Park  
Buntschuh, Charles D. 17 Sewanhaka H.S.  
420 Leonard Blvd., New Hyde Park

Forest Hills  
\*Glauber, Hannah Ruth 17 Forest Hills H.S.  
69-11 Yellowstone Blvd.

Harriman, Hubert Colweys 16 Forest Hills H.S.  
109-31 Ditmars Blvd., East Elmhurst

Lewin, Lawrence Martin 16 Forest Hills H.S.  
85-41 Abingdon Rd., Kew Gardens 15

Lipman, Burton Ellis 17 Forest Hills H.S.  
98-120 Queens Blvd., Rego Park

\*Reydel, Rosalind 16 Forest Hills H.S.  
45 Exeter St.

Richman, David Martin 16 Forest Hills H.S.  
69-81 108th St.

\*Weitzman, Judy R. 16 Forest Hills H.S.  
68-37 Yellowstone Blvd.

\*Zimmerlein, Madeline Georgiana 17 Garden City H.S.  
19 Huntington Rd.

Garden City  
Roth, Charles Frank, Jr. 17 Kenmore Senior H.S.  
101 Charleston Ave. 17

Kenmore  
Stewart, William Allan 17 Kenmore Senior H.S.  
162 Wardman Rd. 17

Long Island City  
Gulloft, Damian Vincent 16 William Cullen Bryant H.S.  
3741 81st St., Jackson Heights

Mamaroneck  
Brauner, Edward James 18 Mamaroneck H.S.  
54 Lookout Circle, Larchmont

New Rochelle  
Arnow, Lewis 17 New Rochelle H.S.  
18 Stratford Rd.

Cohen, David M. 17 New Rochelle H.S.  
58 Forest Ave.

Kemperer, Martin Robert 17 New Rochelle H.S.  
36 Overlook Circle

Kleppner, Adam 17 New Rochelle H.S.  
35 Montgomery Circle

Lechner, Bernard Joseph, Jr. 17 New Rochelle H.S.  
6 Perth Ave.

\*Lohse, Patricia Anne 17 New Rochelle H.S.  
61 Askins Place

Benson, Arnold Milton 16 Bronx H.S. of Science  
130 W. 166th St. 52

Berkowitz, David Samuel 16 Bronx H.S. of Science  
585 W. 204th St. 34

Klein, Robert Herbert 16 Bronx H.S. of Science  
2775 Kingsbridge Terrace 63

Liebowitz, Martin Robert 17 Bronx H.S. of Science  
6139 Fieldston Rd. 63

Michaels, Arthur 17 Bronx H.S. of Science  
240 Mt. Hope Pl. 57

Prenner, Edward Joseph 16 Bronx H.S. of Science  
1006 Gerard Ave. 52

Reinberg, Alan Richard 17 Bronx H.S. of Science  
1534 Selwyn Ave. 57

Romer, Eugene Mark 16 Bronx H.S. of Science  
87 W. 169th St. 52

Schwarzbart, Günter 17 Bronx H.S. of Science  
150 West 104 St., Apt. 41 25

Stern, Richard Harvey 17 Bronx H.S. of Science  
2411 Bouck Ave. 67

Yoskowitz, Irving 16 Bronx H.S. of Science  
611 W. 177th St. 33

\*Cyzewski, Theresa Alexandra 17 Cathedral H.S.  
510 E. 6th St. 9

Wucherer, Charles Dowling 17 De Witt Clinton H.S.  
3060 Decatur Ave. 67

Fischer, Israel Lou 16 Christopher Columbus H.S.  
1501 Metropolitan Ave. 62

Wald, Bruce 14 McBurney School 43  
116 W. 59th St. 19

\*Martianoff, Nina Robb 17 The Spence School  
1326 Madison Ave. 28

Gerber, Donald Albert 16 Shuyesant H.S.  
1733 President St., Brooklyn 13

Kahn, Herbert Leopold 16 Shuyesant H.S.  
217 E. 176th St. 53  
Schultz, Stanley George 17 Shuyesant H.S.  
1314 50th St., Brooklyn 19  
Sherman, Herbert Jerome 17 Shuyesant H.S.  
39-29 58th St., Woodside  
Widom, Harold 16 Shuyesant H.S.  
469 Georgia Ave., Brooklyn 7  
\*Grater, Eleanor Lillian 17 William H. Taft H.S.  
1068 Gerard Ave. 52  
\*Kaplan, Marilyn 17 William H. Taft H.S.  
226 W. Tremont Ave. 53  
Scher, Edward 17 William H. Taft H.S.  
1308 Findlay Ave. 56  
\*Silverman, Marian Jane 17 William H. Taft H.S.  
1267 Grant Ave. 56  
Taub, Arthur 17 Talmudical Academy  
2867 W. 30th St., Brooklyn 24  
\*Stanton, Constance Ann 16 Norwich H.S.  
15 Maple St.  
Stul, Frank Donald 17 Olean H.S.  
903 Washington St.  
Bunville, Lyle Gordon 17 Palmyra Classical H.S.  
109 Church St.  
Collins, Stuart Alfred, Jr. 16 Potsdam H.S.  
25 Pierrepont Ave.  
\*Thompson, Patricia Ann 18 Brighton H.S.  
294 Linden Rd. 10  
Vartanian, Perry Hatch, Jr. 17 Brighton H.S.  
239 Avalon Drive 7  
Rosenthal, Murray Irwin 16 Monroe H.S.  
252 Brunswick St. 7  
Bradley, Charles Lawrence 17 Roslyn H.S.  
P.O. Box 65, Albertson  
Ingham, Herbert Smith, Jr. 17 Roslyn H.S.  
55 Serpentine Ave., Roslyn Estates  
\*Corigliano, Rosalie Mary 17 Andrew Jackson H.S.  
179-57 Anderson Rd. 12  
\*Flynn, Jacqueline Carol 17 Andrew Jackson H.S.  
215-06 111th Rd., Queens Village 9  
Mullinger, George Leonidas, Jr. 16 William Nottingham H.S.  
213 Hurlburt Rd. 3  
Browder, Andrew 17 Yonkers H.S.  
7 Highland Place 5

NORTH CAROLINA  
Brooks, Frederick Phillips, Jr. 17 Greenville H.S.  
431 W. 5th St.

NORTH DAKOTA  
Burr, Alexander Fuller 17 Jamestown Senior H.S.  
513 4th Ave., S.E.

OHIO  
Akron  
Barborton  
Belpre  
Findlay  
Mansfield  
Mariemont  
Oxford  
Shaker Heights  
Warren  
Clinton  
Oklahoma City  
Portland  
Abington  
Allentown  
Aspinwall  
Johnstown  
Lebanon  
McKeesport  
Norristown  
Philadelphia  
\*Derks, Miriam Ann 17 Springfield Township H.S.  
R.D. 2, Box 464 12  
Herrmannsfeldt, William Bernard 17 Barborton H.S.  
523 Wesleyan Ave.  
Nichols, William Franklin 16 Belpre H.S.  
311 Elm St.  
Nell, Robert Elgy 17 Findlay Senior H.S.  
122 West Lincoln St.  
Lejendecker, Harold Francis 16 Mansfield Senior H.S.  
50 S. Main St.  
Pope, John Keyler 17 Plainville H.S.  
Galbraith Rd., Box 369, Cincinnati 27  
Stark, Edward William 17 McGuffey H.S.  
410 E. Chestnut St.  
Gazley, Richard Charles, Jr. 17 Shaker Heights H.S.  
3067 Warrington Rd. 20  
Miskell, Terry Fay 17 Shaker Heights H.S.  
20961 Sydenham Rd. 22  
Wray, Harold Wesley 17 Shaker Heights H.S.  
2630 N. Moreland Blvd., Cleveland 20  
Martino, Joseph Paul 17 Howland H.S.  
R.D. #5

OKLAHOMA  
OREGON  
Dupraw, Ernest Joseph, Jr. 17 Central Catholic H.S.  
5623 N.E. 32nd Pl. 11

PENNSYLVANIA  
Leonard, Edward Francis 16 Abington H.S.  
2070 Parkway Ave., Willow Grove  
Brandes, George Stanley 17 Allentown H.S.  
331 N. Broad St.  
\*Burns, Jacqueline Agnes 17 Allentown H.S.  
627 N. Saint Elmo St.  
\*Smith, Alice Marie 17 Aspinwall H.S.  
24 Camberwell Drive, Pittsburgh 15  
Boyer, Robert Hamilton 15 Johnstown Central Senior H.S.  
1013 Linton St.  
\*Sipe, Gloria Dean 17 Lebanon Senior H.S.  
2008 Lehman St.  
Eckman, Philip Keeley 17 McKeesport H.S.  
1208 Romine Ave.  
Briggs, Thomas Henry V 16 Norristown Senior H.S.  
N. Whitehall Rd., R.D. 2  
Stone, Harrison Adams Greaves 16 John Bartram H.S.  
750 S. 53rd St. 43



Mildvan, Albert Samuel 16 Northeast H.S.  
 6737 Souder St. 24  
 Schwartz, Jerome 17 Overbrook Senior H.S.  
 5700 Drexel Rd. 31  
 \*Spector, Joan Ruth 16 Overbrook H.S.  
 5046 Nevada St. 31  
 \*Esternann, Eva Frances 16 Taylor Allderice H.S.  
 5448 Bartlett St. 17  
 McKown, Daniel Chester 17 Langley H.S.  
 2770 Merwyn Ave. 4  
 Lauffer, Robert John 16 Mt. Lebanon H.S.  
 166 Woodhaven Drive 16  
 Lang, Robert Charles 18 North Catholic H.S.  
 207 Thompson Dr. 29  
 Ednie, Thomas Frew 17 West View H.S.  
 Box 314, Sunset Dr., R.D. 7 29  
 McIlvried, Howard George 17 West View H.S.  
 R.D. 7 29

Reading  
 Zerby, William Elwood 17 Reading Senior H.S.  
 352 Spring St.  
 West Pittston  
 Carpenter, Richard Baker 17 West Pittston H.S.  
 230 North St.  
 Wyomingissing  
 Weber, George Spang 17 Wyomingissing H.S.  
 1315 Dauphin Ave.

#### SOUTH DAKOTA

Newell  
 Larsen, Neil Thorvald 16 Newell H.S.  
 Newell

#### TENNESSEE

Nashville  
 \*Gerregano, Beverly Ann 17 Isaac Litton H.S.  
 1800 Porter Rd. 6

#### TEXAS

El Paso  
 Knapp, David Edwin 16 El Paso H.S.  
 2100 N. Stanton St.  
 Solomon, Stuart 17 El Paso H.S.  
 2108 N. Mesa Ave.  
 Pampa  
 Lamb, David Ernest 16 Pampa H.S.  
 Route #1, Skellytown  
 Doebbler, Gerald Francis 16 Brackenridge H.S.  
 203 West Drexel Ave. 10  
 Sinton  
 Rusk, Sigsby Keefer, Jr. 17 Sinton H.S.  
 Box 344

#### UTAH

Ogden  
 Belshline, Robert Raymond 18 Ogden H.S.  
 3210 Orchard Ave.  
 Salt Lake City  
 Decker, Harold Alvin 17 South H.S.  
 1618 S. 3rd St. E.  
 Tremonton  
 Mason, Maughan Sterling 17 Bear River H.S.  
 Box 346

#### VERMONT

Woodstock  
 Heimann, Klaus 17 Woodstock Country School  
 901 Belmont Ave., Springfield 8, Mass.

#### VIRGINIA

Alexandria  
 Stauss, George Henry 16 Mount Vernon H.S.  
 374 Washington Ave.  
 Hopewell  
 Schaaf, Herbert Linwood 16 Hopewell H.S.  
 2212 Pickett St.  
 Martinsville  
 Burgess, William Harold, Jr. 18 Martinsville H.S.  
 1014 Oakwood Court  
 Norfolk  
 \*Atwood, Janis Novella 16 Norview H.S.  
 116 Bruce St. 2  
 Radford  
 \*Ripley, Patricia Ann 17 Radford H.S.  
 200 N. Madison Ave.  
 Richmond  
 \*Fischer, Eva Ruth 16 Thomas Jefferson H.S.  
 3318 Chatham Rd. 22  
 Mahoney, Matthew Vincent 17 Thomas Jefferson H.S.  
 319 Lexington Rd. 21

#### WASHINGTON

Bremerton  
 \*Giblett, Barbara Ann 17 Bremerton H.S.  
 Box 212, Manette Sta.  
 Olympia  
 \*Westmoreland, Carma Maureen 17 Olympia H.S.  
 Route 10, Box 93  
 Seattle  
 Anex, Basil G. 17 Highline Junior-Senior H.S.  
 17815 1st Ave. South 88  
 Redkey, Edwin Storer 17 Roosevelt H.S.  
 6025 25th Ave. 5  
 Vancouver  
 Maki, Arthur George, Jr. 18 Vancouver H.S.  
 Route 2, Box 244, Ridgefield

#### WEST VIRGINIA

Huntington  
 Kiessling, Francis Joseph 17 St. Joseph's H.S.  
 413 W. 11th Ave.  
 South Charleston  
 McCullough, Edgar Joseph, Jr. 17 South Charleston H.S.  
 140 McCorkle Ave.  
 Williamson  
 Flippen, Richard Bernard 18 Williamson H.S.  
 547 Maple St.

#### WISCONSIN

Milwaukee  
 Norton, Thomas Braman 18 Washington H.S.  
 1840 N. 55th St. 8  
 Racine  
 Hapke, Bruce William 17 William Horlick H.S.  
 2711 La Salle St.  
 Shorewood  
 Davies, John Alan 17 Shorewood H.S.  
 4225 N. Newhall St. 11  
 Wausau  
 Leland, Harold Robert 17 Wausau Senior H.S.  
 1426 Grand Ave.  
 Cudahy  
 \*Aschenbrenner, Miltzi Ann 16 Cudahy H.S.  
 3933 E. Cudahy Ave.

## WYOMING

Laramie \*Dingler, Catherine Elizabeth 16 University H.S.  
810 Lewis St.

\* \* \*

## STATE SCIENCE TALENT SEARCHES

Since 1946 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 1949 follow with the director of each indicated.

Alabama: Alabama Academy of Science  
Dr. James L. Kassner, P.O. Box H, University  
District of Columbia: Washington Academy of Sciences  
Dr. Martin A. Mason, Beach Erosion Board, U.S. Army Engineers, Wash., 25  
Georgia: Georgia Academy of Science  
Dr. Tomlinson Fort, University of Georgia, Athens  
Illinois: Illinois Junior Academy of Science  
Dr. Lyell J. Thomas, Dept. of Zoology, U. of Ill., Champaign  
Indiana: Indiana Junior Academy of Science  
Dr. Ralph W. Lefler, Purdue U., Lafayette  
Iowa: Iowa Academy of Science  
Dr. F. E. Brown, Dept. of Chemistry, Iowa State College, Ames  
Louisiana: Louisiana Academy of Sciences  
Bert B. Boyd, Northwestern State College, Natchitoches  
Massachusetts: New England Science Council  
Dr. Fletcher G. Watson, School of Education, Harvard U., Cambridge  
Michigan: Michigan Junior Academy of Science, Arts, and Letters  
Dr. G. W. Prescott, Dept. of Botany, Michigan State College, East Lansing  
Minnesota: Minnesota Academy of Science  
O. A. Nelson, 998 Dayton Avenue, St. Paul 4  
Mississippi: Mississippi Academy of Science  
Dr. Frank M. Hull, Dept. of Biology, U. of Miss., University P.O.  
Montana: Montana State College  
Dr. Clifford V. Davis, Montana State College, Bozeman  
Pennsylvania: Pennsylvania Academy of Science  
Vernon Zettler, Indiana State Teachers College, Indiana  
South Carolina: South Carolina Junior Academy of Science  
Dr. R. E. Ware, Dept. of Zoology, Clemson Agricultural College, Clemson  
Tennessee: Tennessee Junior Academy of Science  
James L. Major, Golf Club Lane, Clarksville  
Virginia: Virginia Academy of Science  
Dr. James W. Cole, Jr., Cobb Chemical Lab., U. of Va., Charlottesville  
West Virginia: West Virginia Academy of Science  
Dr. J. E. Judson, 17 Meade St., Buckhannon  
Wisconsin: Wisconsin Academy of Sciences, Arts, and Letters  
Dr. John W. Thomson, Jr., Biology Dept., U. of Wis., Madison 6

## THE BEST WAY TO KEEP INFORMED ON THE SCIENCE TALENT SEARCH IS TO BELONG TO SCIENCE CLUBS OF AMERICA

The Science Talent Search is conducted annually by Science Clubs of America.

Science Clubs of America is composed of boys and girls with a hobby career interest in science.

Membership in Science Clubs of America is open to any science club (formed or about to be formed) without charge.

Each club must have an adult to act as sponsor. This person may be science teacher, professional scientist, parent, or other adult interested in science and youth.

A 100-page SCA SPONSOR HANDBOOK is sent free of charge to each sponsor for use in guiding the club.

Sponsors of clubs may receive an SCA SPONSOR HANDBOOK at no cost by sending this information: name of sponsor, position, street, city, zone and state to:

SCIENCE CLUBS OF AMERICA  
1719 N Street, N.W.  
WASHINGTON 6, D.C.



# Rules and Regulations

THE EIGHTH 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 continental United States, who is expected by the certifying school official to complete college entrance qualifications before October 1, 1949, 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 add a contestant's record.

## REQUIREMENTS

1. Each contestant must take the Science Talent Search examination administered in his school on or after Wednesday, December 1, 1948.

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 offices of Science Clubs of America, 1719 N Street, N. W., Washington 6, D. C., not later than midnight, Monday, December 27, 1948.

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

Four 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 end of February, 1949, 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 \$2,800 (\$700 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 \$3,000 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 collegiate year, but payments may be accelerated at the discretion of the Scholarship Committee.

In the event that the holder withdraws from collegiate 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 payments shall be forthwith terminated.

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