THE WINNERS IN THE FIFTH ANNUAL SCIENCE TALENT SEARCH

SCIENCE CLUBS OF AMERICA

SCA

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 BALE, 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 are made known, we are learning of the service of science in winning the war and preserving our way of life.

A peaceful and effective united world can not be achieved without even 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 four years there have come many thousands of dollars in scholarships from colleges and universities throughout the nation, supplementing the Westinghouse scholarships distributed among those who were invited and came to Washington.

With approval from the educational world and with the winners of the first four Science Talent Searches making creditable records in college or the fighting forces, 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 to important tasks in peace and war.

The participation of Westinghouse Electric Corporation, as 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 to the Westinghouse Electric Corporation for its support of the first five Science Talent Searches.

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 9,000 science clubs and more than 200,000 members affiliated with Science Clubs of America.

THE FIFTH ANNUAL SCIENCE TALENT SEARCH

Three hundred boys and girls, who are believed to have unusual potential scientific ability, have been selected from the 1946 senior classes of United States secondary schools and have been awarded honors in the Fifth 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.

FIFTH 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 1 to March 5, 1946, to attend the Science Talent Institute. Here one boy and one girl will be awarded $2,000 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 18 years of age and come from 34 localities in 15 states and the District of Columbia. They were picked by the judges from among 16,000 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 67% of the 40 Fifth Annual Science Talent Search winners ranked first or second in their graduating classes. The winners were members of a total of 50 science clubs and at least 10 of them were club presidents or other officers. Thirty-one are members of clubs affiliated with Science Clubs of America.

Girls accounted for 26.5% of the entries this year, in comparison to 28% last year.

* Indicates girls.

(HOME ADDRESS FOLLOWS name of school)

CALIFORNIA

Alameda  *Roemer, Elizabeth 16 Alameda High School.
         1556 Everett St.

            3318 Nagle Ave., 34

Mill Valley  *Jones, Elaine Carlota 16 Tamalpais Union High School.
            70 Park Drive, San Anselmo

Napa  *Oudaback, David Paul 16 Napa Junior College.
      426 S. Jefferson

San Francisco  *Shields, James William 16 St. Ignatius High School.
             838 Arguello Blvd., 18

COLORADO

Boulder  *McMillin, Patricia Ruth 17 Boulder High School.
        914 Pleasant St.

CONNECTICUT

Bridgeport  *Zirin, Harold 16 Bassick High School.
           809 Norman St., 3

HAMDEN  *Gaines, George Lowman, Jr., 15 Hamden High School.
         29 Carew Rd., 14

- 2 -
**Fifth 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 Fifth Annual Science Talent Search and their names be brought to public attention and, particularly, that colleges and universities be informed.

Each boy and girl awarded Honorable Mention, as well as the Washington trip winners of the Fifth 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 B. Fritts, 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, and whose activities and interests reflect an active interest in some field of science.

Of the Honorable Mentions in the Fifth Annual Science Talent Search 50% of the boys and 45% of the girls were first or second in their high school classes. Forty per cent of the boys and 20% of the girls have had at least
four years of high school science. Forty-one per cent of the boys and 41% 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 260 who won Honorable Mention 156 belong to science clubs and 53 of these are presidents or hold other 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. Listed are 68 girls, 192 boys.

* Indicates girls.

(RIGHT ADDRESS FOLLOWS NAME OF SCHOOL.)

**ALABAMA**

Bessemer

Foster, Philip William 16 Bessemer High School.
Route 1, Box 392

Birmingham

*Gulledge, Irene Strong 16 West End High School.
1836 Princeton Ave., 7
Batchelder, Floyd Edwin 17 Woodlawn High School.
5113 8th Terrace S., 6

**ARIZONA**

Phoenix

*Aristegui, Grace M. 15 North Phoenix High School.
2011 N. Holly St.
Tucson

Bushnell, Theodore Lee 17 Tucson Sr. High School.
1220 N. Olsen
Vestinhow, William Francis 17 Tucson Sr. High School.
526 S. Roscruse
Vosskuhler, John Walter 17 Tucson Sr. High School.
1511 E. Edson St.

**ARKANSAS**

Little Rock

*Clark, Patricia 17 Mt. St. Mary's Academy.
Mt. St. Mary's Academy, 3224 Kavanaugh

**CALIFORNIA**

Alameda

Kern, Clifford Dalton 17 Alameda High School.
1831 Mason St.
Lander, Richard Leon 17 Alameda High School.
6620 Locust St., Oakland 3

Coalinga

*Edenborough, Lucy Lou 16 Coalinga Union High School.
309 Coalinga St.

Concord

Armstrong, Bexie Hardin 16 Mt. Diablo High School.
Route 2, Box 100

Fresno

Jensen, Roderick Emi 16 Roosevelt High School.
465 Tularas, 2

Los Angeles

*Meucon, Kathryn Helen 16 Dorsey High School.
4901 Angeles View, 43
Lord, Robert Joseph 17 Hamilton High School.
2811 Palm Ave., 34
Steritz, William Henry 16 Loyola High School.
10227 Bannockburn St.

Pasadena

3651 William St., 8
Chambers, Kenton Lee 18 Los Angeles Union High School.
P. O. Box 124

Paso Robles

P. O. Box 635

**COLORADO**

Adams City

*Winner, Eugene Robert 16 Union High School #1
Adams City

**CONNECTICUT**

Bridgeport

*Abrams, Iris Halse 17 Bantin High School.
1590 Norman St., 4
Gulyassy, Paul Francis 17 Bantin High School.
558 Bostick Ave., 5

*Hartford

*Fournier, Lorraine Ann 17 Bulkeley High School.
A-105 Charter Oak Terrace, 10

*Milford

*Kinca, Barbara Ann 16 Lauralton Hall
41 Green

Simsbury

*Weed, Bertha Mae 17 Simsbury High School.
R.F.D. Box 122, Avon

**DELAWARE**

Dover

Twwley, Joshua Marion 17 Dover High School.
109 S. State St.

Newark

Boyden, Robert Winfield 16 Newark High School.
P. O. Box 234

**DISTRICT OF COLUMBIA**

Washington

*Krauss, Ellin Ruth 15 Anacostia Senior High School.
1629 28th St., S.E., 20

**FLORIDA**

Jacksonville

Gensier, Sheldon 17 Robert E. Lee High School.
2125 Byra St., 4

Orlando

Wimerly, Marvin Walter 17 Orlando Senior High School.
1027 Hampton St.

St. Petersburg

Chapman, Richard David 17 St. Petersburg High School.
720 22nd Ave., N., 4

West Palm Beach

Corwin, John Denham 15 Palm Beach High School.
356 Hibiscus Ave., Palm Beach

**GEORGIA**

Atlanta

*Matthews, Sarah Jo 15 Girls High School.
1567 Mayflower Ave., S.W.

**IDAHO**

Preston

Eickmey, John Terry 17 Preston High School.
54 W. 1st St.

**ILLINOIS**

Cambridge

*Sherrard, Dorothy May 17 Cambridge Community High School.
Route 2

**MARYLAND**

Adams City

*Winner, Eugene Robert 16 Union High School #1
Adams City

**MASSACHUSETTS**

Wellesley

*Boudreau, Elizabeth Mary 17 Wellesley High School.
1 Lower Street

**MICHIGAN**

Detroit

*Brown, Richard 16 Southfield High School.
14586 Detroit Ave.

**MINNESOTA**

Northfield

*Brown, Richard 16 Northfield High School.
1533 N. Main St.

Minneapolis

*Brown, Richard 16 Minneapolis High School.
1515 1st Ave. S.

Minneapolis

*Brown, Richard 16 Minneapolis High School.
1515 1st Ave. S.

**MISSISSIPPI**

Jackson

*Brown, Richard 16 Madison High School.
1122 W. Fairview Ave.

*Brown, Richard 16 Madison High School.
1122 W. Fairview Ave.

**MISSOURI**

Kansas City

*Brown, Richard 16 Kansas City High School.
910 E. Ninth St.

St. Louis

*Brown, Richard 16 St. Louis High School.
3201 Forest Park Ave.

*Brown, Richard 16 St. Louis High School.
3201 Forest Park Ave.

**MONTANA**

Bozeman

*Brown, Richard 16 Bozeman High School.
222 Montana St.

**NEBRASKA**

Lincoln

*Brown, Richard 16 Lincoln High School.
700 O St.

**NEW JERSEY**

Shawnee

*Brown, Richard 16 Shawnee High School.
1030 Main St.

Ewing

*Brown, Richard 16 Ewing High School.
433 Main St.

**NEW MEXICO**

Albuquerque

*Brown, Richard 16 Albuquerque High School.
800 E. Fourth St.

**NEW YORK**

Brooklyn

*Brown, Richard 16 Stuyvesant High School.
1 York St.

New York

*Brown, Richard 16 City College.
108 West 18th St.

**OHIO**

Cincinnati

*Brown, Richard 16 Cincinnati High School.
1015 East 10th Street.

Cleveland

*Brown, Richard 16 Cleveland High School.
21525 Euclid Ave.

**OREGON**

Portland

*Brown, Richard 16 Portland High School.
1385 SW, 8th Ave.

**PENNSYLVANIA**

Allentown

*Brown, Richard 16 Allentown High School.
212 N. 5th St.

Philadelphia

*Brown, Richard 16 Roman Catholic High School.
212 W. 18th St.

Philadelphia

*Brown, Richard 16 Roman Catholic High School.
212 W. 18th St.

**RHODE ISLAND**

Providence

*Brown, Richard 16 Central High School.
222 Central Ave.

**SOUTH CAROLINA**

Columbia

*Brown, Richard 16 Columbia High School.
301 E. Main St.

*Brown, Richard 16 Columbia High School.
301 E. Main St.

**SOUTH DAKOTA**

Sioux Falls

*Brown, Richard 16 Sioux Falls High School.
1407 S. Main St.

**TENNESSEE**

Nashville

*Brown, Richard 16 Nashville High School.
2000 Fourth Ave.

**TEXAS**

Austin

*Brown, Richard 16 Austin High School.
1001 Congress Ave.

College Station

*Brown, Richard 16 College Station High School.
4300 College Ave.

**UTAH**

Salt Lake City

*Brown, Richard 16 Salt Lake City High School.
80 S. State St.

**VERMONT**

Montpelier

*Brown, Richard 16 Montpelier High School.
175 Main St.

**WASHINGTON**

Seattle

*Brown, Richard 16 Seattle High School.
600 First Ave.

**WEST VIRGINIA**

Charleston

*Brown, Richard 16 Charleston High School.
900 N. Kanawha Ave.

**WISCONSIN**

Milwaukee

*Brown, Richard 16 Milwaukee High School.
2550 W. Wells St.

**WYOMING**

Cheyenne

*Brown, Richard 16 Cheyenne High School.
1050 11th St.
Detroit
Hamburg, Glenn Wesley 16 Redford High School.
16513 Patton, 19
East Grand Rapids
Epstein, Burton Louis 16 East Grand Rapids High School.
526 Lakeside Drive, 6
Highland Park
Chandler, Arthur 16 Highland Park High School.
161 Longfellow, Detroit 2
Jackson
Lauer, John Edward 16 Highland Park Senior High School.
210 Turcic, 3
Miller, Jack Karl 17 Jackson High School.
116 N. winner St.
North, Robert Emil 16 Jackson High School.
432 Wildwood
Kego Harbor
Braunstein, Ruth Phyllis 16 Roosevelt High School.
2439 Birch
Mt. Clemens
Albee, Arden Leroy 17 Mt. Clemens High School.
90 Grove Park
MINNESOTA
Buhl
*Hagena, Barbara Ann 17 Martin Hughes High School.
Kinney
Rauen, Theodore James 17 University High School.
1445 N. Albert, St. Paul 2
St. Cloud
Clark, William Bruce 17 Technical High School.
590 East St. Germain
St. Paul
*White, Joyce Lenore 16 Monroe High School.
1604 Bayard Ave., 5
MISSISSIPPI
Gulfport
*Black, Edward Clifton 16 Gulfport High School.
1516 East Beach
MISSOURI
Chillicothe
Rinehart, Kenneth Lloyd 16 Chillicothe High School.
1955 Locust
Rolla
Hans, Paul Arnold 16 Rolla High School.
Route 1
St. Joseph
Winston, Charles Kibbargh, Jr. 16 Christian Brothers High School.
2700 Levers Lane, 1
St. Louis
*Schumacher, Janet Ruth 17 Beaumont High School.
4880 Pennsylvania St., 15
Warhoff, Edgar Willard 16 Cleveland High School.
437 Topeka, 16
MONTANA
Bozeman
Campbell, Milton Hugh 17 Gallatin County High School.
624 South Third Street
Butte
Christian, Donald Lee 17 Butte Public High School.
1032 Colorado St.
Shelby
McNamer, William Ross 17 Shelby High School.
Shelby
NEBRASKA
Kearney
Wilcox, Roger Burr 17 Kearney High School.
2811 9th Ave.
Lincoln
Knight, Wilbur Lawrence 16 Teachers College High School.
1649 So. 21st, 2
| Nebraska | Omaha | *Gustafson, Violet Pearl 17 Benson High School. 4516 W. 6 St. 6 |
| New York | Bayside | Bedell, John Robert 17 Bayside High School. 30-3625 17th Ave. Merrick |
| New York | Brooklyn | Pinchuck, Arthur Leon 16 Abraham Lincoln High School. 2744 West 36th St., 24 |
| New York | Jamaica | *Kaufman, Gloria J. 16 Erasmus Hall High School. 2114 Almedale Rd., 26 |
| New York | Long Island City | *Kaplan, Beatrix 15 A.D. Davis High School. 160 So. 2nd Ave. Thallon, Donald Francis 17 A.D. Davis High School. 266 South 6th Ave. |
| New York | Manhattan | Janovsky, Carl Wesley 17 The Manhattan School. Route 1, Munnville |
| New York | Manhattan | McGeorge, William Albert 17 Bronxville High School. 4 Midland Gardens, 8 |
| New York | Manhattan | *deLange, Ina 18 Bronxville High School. 90-26 New.ff Ave., Hartsdale |
| New York | Manhattan | 10 - | 11 -
New York

Albany

Amherst

Amherst

Canton

Canton

Cincinnati

*Hirschberg, Harry Lee 17 Mother of Mercy High School.
3617 Jessup Rd., 11

*Mitchell, Alice Kathleen 17 Mother of Mercy High School.
3411 Hanna Ave., 11

*Reck, Marian Rose 17 Mother of Mercy High School.
3324 Dartmouth Dr., 11

*Emig, Janet Ann 17 Valmert Hills High School.
1523 West Bluff Rd., 11

*Smith, Patricia Ann 17 Stivers High School.
2205 North Main St., 11

Findlay

*Mygrant, Juanita Joyce 17 Findlay Senior High School.
208 Howard St., 11

Rezn, Earl Douglas 17 Findlay Senior High School.
1504 North Main St., 11

R.R. #3

*Koester, Charles John 16 Fostoria High School.
900 N. Countyline

*Smeltzer, Dorothy Alice 17 Fremont Ross High School.
625 South St., 11

**North Canton

Twinsburg

*Millerforce

*Frazier, Thure Anne 15 Milbrae High School.
Route 5, Box 134, Zenda

Ohio

Bartlesville

132-34 Cross Bay Blvd., Ozone Park 17, L.I.

Savidge, William Lee 17 Capitol Hill High School.
830 S. W. 20th, 9

*Thacker, Jo Ann 16 Giffen Senior High School.
1600 N. W. 36th St., 6

Tulsa

O'Brian, Francis Gerald, Jr. 17 Marquette High School.
1723 So. Gary Ave., 4

Bergman, Ray Eldon 17 Will Rogers High School.
1544 So. Inverness, 4

Schwenker, John Edwin 17 Will Rogers High School.
1708 So. Florence, 4

Oregon

Bend

Rutheich, Richard Carl 17 Bend High School.
664 Penn Ave.

Gresham

McWilliams, James Keith 17 Gresham Union High School.
15103 Powell, Portland 16
Abington
Gutt, Alvin Julian 16 Abington Senior High School.
7034 Ogontz Ave., Philadelphia 38

Allentown
Pidcock, John Scott 17 Allentown High School.
2349 Allen St.

Archbald
Berger, Joseph 16 Archbald High School.
394 Main St.

Berwick
Savage, Nevin Williams Jr. 17 Berwick High School.
204 E. 14th St.

Clair ville
Breakey, Gerald Andrew 17 Penn Twp. High School.
Route 2, Pittston

Ellwood City
*Sartwell, Priscilla Anne 17 Lincoln High School.
205 Fourth St.

Glenolden
*Weaver, Barbara Jean 16 Glenolden High School.
Ashland Ave., Glenside

New Kensington
Johnston, Ralph Camerson 17 New Kensington High School.
261 McNamee St.

Philadelphia
*Tetens, Robert Duane 17 Cheltenham High School.
7608 New 2nd St., 26
*Bishop, Margaret Anna 17 Little Flower Catholic High School.
For Girls. 1207 W. 6th St., 40

301 Levick, 11

Pittsburgh
*Bruning, Joanne Elizabeth 17 Holy Rosary High School.
5304 Forbes St., 17

Eidelstein, Sheldon Howard 17 Taylor Allderdice High School.
2109 Wightman St., 17

Reading
*Matthews, Doris May 17 Taylor Allderdice High School.
5902 Douglas St., 17

*Switzer, Ronald Lake 16 Reading Senior High School.
1421 Linden St.

Rimtown
Barrow, Bruce Barton 16 Rimtown High School.
21 S. 4th St.

Shenango
*Shaffer, Douglas Howarth 17 Shenango High School.
135 E. Church St.

South Fork
*Anderson, Betty Louise 17 South Fork High School.
666 E. Court

Upper Darby
Bell, Guy Calvert, Jr. 17 Upper Darby High School.
904 Drexel Ave., Drexel Hill

TENNESSEE
Brownsville
*Hickcox, Tommie Ann 17 Haywood High School.
Route 3

AUSTIN
Boggess, Albert III 16 Austin High School.
607 Park Blvd., 22

Cisco
*Jones, Betty LaVerna 17 Cisco High School.
Route 1

Dallas
Manes, Cole, Jr. 15 Highland Park High School.
4309 Larchmont, 5

Harlingen
Stirnberg, Lloyd Elseworth, Jr. 16 Harlingen High School.
313 W. Buchanan

Woodward
*Hunter, Flore Vissant 17 Woodford High School.
Woodford

WISCONSIN
Kenosha
*Haubrich, Richard August 17 Kenosha High School.
Route 3, Box 191

Milwaukee
Zusy, Robert Joseph 16 St. John Cathedral.
2753 N. 34th St., 10

*Barling, Joyce Lorraine 17 Necedah Public High School.
P. O. Box 9

Portage
Ehnter, Arnold Emil 17 Portage High School.
1116 W. Wisconsin

Racine
506 Willam St.

Eisenman, Laurence R., Jr. 17 Shorewood High School.
2120 E. Olive St., 11

*Wendehall, Martha Joyce 18 Shorewood High School.
4513 N. Marlborough, 11

Roosler, Marvin John 17 Shorewood High School.
4155 N. Maryland, 11

WASHINGTON
Paton, Richard Reid 17 Cashmere High School.
Cashmere

Colfax
Bergman, Keith Sampson 16 Colfax Public High School.
S. 711 lake St.

Issaquah
Kuharic, Henry Anton 17 Issaquah High School.
Route 2, Box 503, Renton

Seattle
Gaines, Howard Wendell 17 William Winlock Miller High School.
9100 Bowman Ave.

Bleakney, Thomas Paul 17 Rosevelt High School.
4808 East 41st St., 5

WEST VIRGINIA
Williamson
*Davidian, Evelyn 16 Williamson High School.
215 Pike St.

*Bickman, Frances Marie 16 Williamson High School.
944 East Fourth Ave.

McRae, Marshall Mall 16 Williamson High School.
Box 73

WISCONSIN
Kenosha
Haubrich, Richard August 17 Kenosha High School.
Route 3, Box 191

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*Wendehall, Martha Joyce 18 Shorewood High School.
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Roosler, Marvin John 17 Shorewood High School.
4155 N. Maryland, 11

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607 Park Blvd., 22

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*Jones, Betty LaVerna 17 Cisco High School.
Route 1

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Manes, Cole, Jr. 15 Highland Park High School.
4309 Larchmont, 5

Harlingen
Stirnberg, Lloyd Elseworth, Jr. 16 Harlingen High School.
313 W. Buchanan

Woodward
*Hunter, Flore Vissant 17 Woodford High School.
Woodford

HIGHLAND SPRINGS
Harlan, Lewis Franklin 16 Highland Springs High School.
18 Kemper Court, Sandston

Richmond
Bimba, Walter Gordon, Jr. 16 Thomas Jefferson High School.
3005 W. Franklin St., 21

VIRGINIA

- 15 -