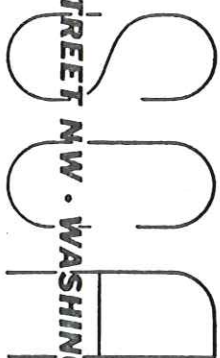


1951

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

SCIENCE CLUBS OF AMERICA



1719 N STREET N.W. • WASHINGTON 6 DC

DEDICATED TO THE DEVELOPMENT OF SCIENCE TALENT
ADMINISTERED BY SCIENCE SERVICE THE INSTITUTION FOR
THE FOSTERING 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.

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

The Science Talent Search has succeeded far beyond our hopes. To the top 300 contestants in each of the first nine 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 nine 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 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 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 ten 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 TENTH ANNUAL SCIENCE TALENT SEARCH

Three hundred boys and girls, who are believed to have unusual potential scientific ability, have been selected from the 1951 senior classes of United States secondary schools and have been awarded honors in the Tenth 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.

Ten girls and 30 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 through March 5, 1951, 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.

WASHINGTON TRIP WINNERS

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

CALIFORNIA

El Cerrito Johnson, Donald Bruce 17 El Cerrito H.S., 26 Ardmore Rd., Berkeley 7
Independence *De Decker, Carol Lynne 17 Owens Valley H.S., 414 S. Edwards St.
Lafayette *Lyser, Katherine May 17 Acalanes Union H.S., Rt. 3, Box 1770, Springhill Rd.
Paso Robles Chambers, Derrell Lynn 16 Paso Robles H.S., Box 123

ILLINOIS

Arlington *Cumminsford, Patricia Diane 16 Arlington Hgts. Twp. H.S., 17 N. Belmont Ave.
Helghts

KANSAS

Gypsum *Janousek, Lucille Frances 17 Gypsum Rural H.S., Gypsum

MAINE

Lewiston Berkelman, Karl 17 Lewiston H.S., 340 College St.
Orono Brush, Stephen George 15 Orono H.S., 38 N. Main St.

MARYLAND

Hyattsville *Martin, Mary Helen 17 Hyattsville H.S., Box 205, College Park

MASSACHUSETTS

Andover McCollm, Douglas Woodruff 17 Phillips Academy, 66 E. 62nd St., New York City
Arlington Spencer, Dana Royce 17 Arlington Senior H.S., 247 Park Avenue 74
East Earle, William Edward 17 Senior-Junior H.S., 543 Central St.
Bridgewater

MINNESOTA

Cloquet Larson, David Clarence 16 Cloquet H.S., 620 Walnut St.

NEW HAMPSHIRE

Exeter Wharton, Leonard 17 Phillips Exeter Academy, 16 Blake Rd., Brookline 46, Mass.

NEW JERSEY

Newark Sibilla, John Talbot 17 Barringer H.S., 51 Webster St., 4
New Demkovich, John Joseph, Jr. 17 New Brunswick H.S., 57 Jersey Ave.
Brunswick

NEW YORK

Princeton Shtelr, Owen Aaron 17 Princeton H.S., Main St., Dutch Neck
Ardley Ernst, Frederick Joseph, Jr. 17 Ardley H.S., 4 Exeter Place
Brooklyn Braverman, Paul Maxim 17 Brooklyn Technical H.S., 2853 W. 5th St., 24
Croton-on-*Botkin, Dorothy Ann 16 Croton-Harmon H.S., 45 Lexington Dr.
Hudson

Delmar Thomson, Richard Mansfield 17 Bethlehem Central H.S., Star Route
Forest Hills *Mendoza, Ehea 16 Forest Hills H.S., 141-60 71 Ave, Kew Garden Hills
*Novotny, Eva 16 Forest Hills H.S., 66-20 108th St.

Harrison Stewart, James Buchanan 17 Harrison H.S., 35 Sterling Rd.
Kennore Simpson, Robert Edmund 17 Kennore Senior H.S., 30 E. Girard Blvd., 17
New York Feldstein, Robert Schmidt 16 Stuyvesant H.S., 311 E. 18th St., 3
Rosen, Robert 16 Stuyvesant H.S., 287 Bristol St., Brooklyn 12
Schneider, Peter Bernard 17 Stuyvesant H.S., 285 Hawthorne St., Brooklyn 25
Niagara Kolenkow, Robert John 17 Niagara Falls H.S., 2158 North Ave.

Falls Chester, Conrad Vences 17 Roslyn H.S., 102 Parkside Dr.
Roslyn
Helghts

OHIO

Celina Spangler, Robert Alan 17 Celina H.S. 110 N. Cherry St.
Lakewood Butler, James Newton 16 Lakewood H.S. 15123 Edgewater Dr. 7
Sylvania Norris, Daniel Howard 17 Burnham H.S. 5849 Garden Park Dr.

OREGON

Eugene *Froten, Lois Jean 17 Eugene H.S. 1524 W. 8th St.
The Dalles Wheeler, Nicholas Allan 17 The Dalles H.S. 1614 I St.

PENNSYLVANIA

Lebanon *Gingrich, Cynthia Louise 16 Lebanon Senior H.S. 1003 E. Lehman St.
Philadelphia Drauglis, Edmund 17 Northeast H.S. 2404 N. Howard St. 33
Pittsburgh Siefert, Paul Louis 17 North Catholic H.S. 104 Waldorf St. 14

TENNESSEE

Maryville Cowan, James Jones, III 17 Maryville H.S. Niles Ferry Rd.

WEST VIRGINIA

Keyser Dennison, John Manley 16 Keyser H.S. Box 722

The trip winners are 15 to 17 years of age and come from 37 cities in 15 states. They were picked by the judges from among 12,538 contestants of whom 1,771 completed their entries by taking a science aptitude examination, obtaining recommendations and writing a report on "My Scientific Project". Entries were received from every state.

About 63% of the 40 Tenth Annual Science Talent Search winners ranked first, second, or third in their graduating classes. Most of the winners are members of science clubs and many of them are club presidents, or other officers. Most of their clubs are affiliated with Science Clubs of America.

Girls accounted for 25% of the entries this year, in comparison with 22% last year.

TENTH 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 Tenth 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 Tenth 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 Tenth Annual Science Talent Search, 29% of the boys and 39% 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 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, 100 belong to 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 62 girls and 198 boys.

HONORABLE MENTIONS

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

ALABAMA

Tuscaloosa *Jermain, Nella Zoya 17 Tuscaloosa Senior H.S. 804 - 11th Ave.

ARIZONA

Phoenix Lieber, Albert John 17 North Phoenix H.S. 2522 North Edgemere St.
*Wolf, Beverly 16 North Phoenix H.S. 2245 North Laurel Ave.
*Pate, Margaret Elder 17 Tucson H.S. 6901 South 6th Ave.
White, Oran Richard 18 Tucson H.S. 5528 East Linden St.

CALIFORNIA

Bakersfield Mack, David Lynd 16 Bakersfield H.S. 101 Fairway Dr.
Belmont *McDonnell, Patricia Mary 17 Notre Dame H.S. 1141 Chilton St., Redwood City
Berkeley Huang, Luc 17 Berkeley H.S. 2119 Sacramento St. 3
Coronado Stoll, Paul James 17 Berkeley H.S. 30 The Uplands 5
Huntington *Benson, Dawn Marie 17 Coronado H.S. 451 Alameda Blvd.
Park Martin, Frederick 18 Huntington Park H.S. 8128 S. Crockett Blvd.
Los Angeles 1

Los Angeles

Jones, Robert Allen 17 Narbonne H.S. 2316 246th St.
Kraus, Bernard August 17 Susan Miller Dorsey H.S. 3701 Potomac Ave. 16
Strevey, Tracy Elmer 17 Susan Miller Dorsey H.S. 3620 Homeway Dr. 8
Andelin, John Phillip, Jr. 16 Fairfax H.S. 2441 West Silver Lake Dr. 39
Kennedy, John Harvey, Jr. 17 Fairfax H.S. 1040 N. Spaulding Ave. 46
Du Bridge, Richard Alvin 17 Pasadena City College 734 Fairfield Circle 5
Cosmides, Angelo 17 Lowell H.S. 1640 O'Farrell St.
Adams, Homer Hugh 16 Selma Union H.S. 2141 Chestnut St.
Kennedy, Beverly 16 S. Pasadena-San Marino H.S. 211 Oaklawn Ave.
St. Clair, Charles Spencer 17 S. Pasadena-San Marino H.S.
1541 Cambridge Rd., San Marino 9

COLORADO

Boulder *Almgren, Alberta Betty 17 Boulder H.S. 948 Marine St.
Colorado McKinnis, Dean Elwood 17 Boulder H.S. 1044 University St.
Springs Bernheim, Robert Allan 17 Cheyenne Mountain School 2001 Mid Road
Kremmling Barr, Roger MacDonald 16 Centennial H.S. 3001 Eighth Ave.
Pueblo Masden, Glenn William 18 Weldonia H.S. Orchard
Weldonia

CONNECTICUT

Milford *Agostino, Rita Elizabeth 17 Lauration Hall 100 Nichols St., Fairfield
*Bober, Gwendolyn Susan 15 Lauration Hall 762 Shelton St., Bridgeport 8
*Reidy, Maurice Therese 17 Lauration Hall 66 Hartford Ave., Bridgeport 5
*Shay, Suzanne Marie 17 Lauration Hall 41 Maplewood Rd., New Haven 15
*Williams, Patricia Ann 17 Lauration Hall 753 New Haven Ave.

FLORIDA

Jacksonville Goubeaud, George Joseph 17 St. Paul H.S. 2608 College St. 4
Sarasota Wright, Royerdy Edmond 17 Sarasota H.S. 363 Morrill St.
Tampa *Bondi, Frances Marian 17 Hillsborough H.S. 1009 25th Ave. 5

GEORGIA

Atlanta Smith, Robert Bouliware, III 17 Henry Grady H.S. 982 Myrtle St., N.E.
Columbus Smith, Charles Edward, Jr. 17 Columbus H.S. 3716 15th Ave.

Macon Farrar, William Edmund, Jr. 17 Lanier H.S. for Boys 184 College St.
ILLINOIS

Arlington Heights *Kadovana, Phyllis Yuriko 17 Arlington Heights H.S. R #1, Box 445
Carthage Nomland, Knute Julian 17 Carthage Community H.S. 903 Highwood St.
Chicago Heights Negle, James Perry 17 Bloom Township H.S. 258 W. 16th Place
Cicero Holec, Malcolm R. 17 J. Sterling Morton H.S. 6544 W. Fairfield Ave., Berwyn
Edwardsville *Pavelka, Blanche E. 17 J. Sterling Morton H.S. 1637 S. 59th Ave. 50
Elmhurst *Rynal, Nancy Z. 17 J. Sterling Morton H.S. 2306 S. 60th Court 50
Heller, Don Lee 17 Edwardsville H.S. Glen Carbon
Hulland, Burton Louis 19 York Community H.S. 747 S. Oakland Ave.,
Villa Park

Evanston Bushnell, James Carr 16 Evanson Twp. H.S. 1130 Church St.
Granite City Lambert, Ronald Grant 17 Granite City H.S. 2218 E. 24th St.
Joliet Benjamin, James Edwin 17 Joliet Twp. H.S. 1423 Cornelius St.
Maywood Mueller, Howard Allan 17 Proviso Twp. H.S. 133 S. Nineteenth Ave.
Peters, Stanley Charles 17 Proviso Twp. H.S. 2111 South 11th Ave.
Park Ridge Schneider, Kenneth Albert 17 Proviso Twp. H.S. 416 Bohland Ave., Bellwood
Rock Island *Brown, Marjorie Doris 17 Maine Twp. H.S. 425 Wisner Ave.
Vallquette, Thomas Michael 17 Alleman H.S. 2424 Tenth St.

INDIANA

Lohr, Jerry Clinton 17 Connersville H.S. 2928 Indiana Ave.
Newcomb, Harry Wilbur, Jr. 17 F.I. Reltz H.S. 2901 Bayard Park Dr.
McFarlin, Joanne Patricia 18 Central Catholic H.S. 2525 Lynn Ave. 3
Shonle, John Irwin 17 Shortridge H.S. 32 E. 52nd St. 5
Smith, Herbert Edward 16 West Terre Haute H.S. 403 Miller Ave.

IOWA

Des Moines Hammer, Alvin Neil 17 East H.S. 111 East Washington St. 16
Towa City *Moeller, Margaret Lou 17 Iowa City H.S. 623 East College St.
Marshalltown Norton, William Hill 17 Marshalltown Sr. H.S. Route 4

KANSAS

Salina *Druet, Dea 17 Salina H.S. 521 Sunset Dr.

LOUISIANA

Winfield Schoomer, Bertrand Alva 17 Winfield H.S. 309 Part St., Rt. 1

MARYLAND

Hyattsville *Spencer, Jean Elizabeth 17 Hyattsville H.S. 6811 Dartmouth Rd., College Park
*Wiederhold, Ethel Jane 17 Hyattsville H.S. 4413 Underwood St.

MASSACHUSETTS

Cambridge White, Robert Winslow 16 Mattugon H.S. 17 Raymond Ave., Somerville 44
Newton *Burke, Mary Parlice 17 Presentation H.S. 31 Bigelow St., Brighton 35
North Schell, Allan Carter 16 Dartmouth H.S. 11 Anthony St., South Dartmouth
Dartmouth *Ericson, Jane Alfreda 17 Oliver Ames H.S. 74 Center St.

MICHIGAN

Detroit Scott, Ronald McLean 17 Cooley H.S. 15508 Cheyenne St. 27
Rochester Seiffert, Stanley Vetold 17 Rochester H.S. Box 126, R.R. #2
Williams, Sidney Arthur 17 Rochester H.S. 421 W. 2nd St.

Barnum
Stillwater

MINNESOTA

Hanson, Roland Clements 16 Barnum H.S. Barnum
Eddy, Thomas Lew 17 Senior H.S. 318 South 6th St.

MISSOURI

St. Joseph Trapp, George Alexander, Jr. 17 Christian Bros. H.S. 2802 Mitchell Ave.
St. Louis Quick, Richard Thomas 17 Christian Bros. H.S. 7257 Greenway Ave.,
University City University City 5
Kirsch, Morton Hilliard 16 University City H.S. 415 Midvale St. 5

MONTANA

Great Falls *Petty, John, Janis Jean 17 Great Falls H.S. Box 55, Sand Coulee
Livingston Bair, Donald, Richard 17 Park County H.S. 510 East Clark St.
Missoula Ford, James Lawrence, Jr. 18 Missoula County H.S. 402 E. Beckwith
Sederholm, Charles Henry 16 Missoula County H.S. 240 W. Kent St.

NEW JERSEY

Clifton *Haroutkian, Anne Arsene 16 Clifton H.S. 249 Seventh St.
Englewood Avaldan, Peter 17 Dwight Morrow H.S. 150 Tryon Ave., Apt. A10
Garfield Fitting, George Matthew, Jr. 17 Garfield H.S. 20 Grand St.
Gladstone Ward, Arthur Beach 17 St. Bernard's School 24 Dayton St., Basking Ridge
Highstown Bloek, Barry 17 Highstown H.S. Windsor Rd.
Jersey City Tanzer, Marvin Lawrence 16 Henry Snyder H.S. 328 Swarens Ave. 5
Newark Litvak, Marvin Mark 17 Weequahic H.S. 64 Schley St. 8
New Brunswick Bryan, John Christian 17 West Side H.S. 47 Speedway Ave. 6
Princeton Williams, Forman Arthur 17 New Brunswick H.S. 20 Yarnell Ave., Milltown
Roselle Park Almgren, Frederick Justin, Jr. 17 Princeton H.S. 4 Southern Way
Rutherford *Turner, Patricia Louise 17 Roselle Park H.S. 548 E. Grant Ave.
Trenton Hastings, John Robert 17 Rutherford H.S. 9 Elizabeth St.
Weehawken Woolston, John Rogers 17 Trenton Central H.S. 41 S. Hermitage Ave. 8
Woodbury Altman, Louis 17 Weehawken H.S. 17 - 51st St.
Corcoran, Paul John 16 Woodbury H.S. 38 N. Drexel St.

NEW YORK

Auburn Bockes, Russell Henri, Jr. 17 East H.S. 10 Elizabeth St.
Brooklyn Gelbein, Abraham Perry 16 Brooklyn Technical H.S. 597 Hopkinson Ave. 12
Meyers, Robert Alan 16 Brooklyn Technical H.S. 143 N. Main St., Freeport
Moskowitz, Saul 17 Brooklyn Technical H.S. 1347 E. 17th St. 30
Weinstein, Monroe Robin 16 Brooklyn Technical H.S. 1717 Carroll St. 13
Asolsky, Richard 17 Erasmus Hall H.S. 486 Brooklyn Ave. 25
*Eckstein, Barbara Vivien 16 Erasmus Hall H.S. 1494 Carroll St. 13
*Gilbert, Ann Carman 16 Erasmus Hall H.S. 238 East 51st St. 26
Leban, Abbe 17 Erasmus Hall H.S. 875 Eastern Pkwy. 13
Lehman, Jacob Mayor 17 Erasmus Hall H.S. 1642 - 53rd St. 4
Simon, Bennett 17 Erasmus Hall H.S. 3026 Brighton 14th St. 35
*Albrecht, Evelyn 16 Abraham Lincoln H.S. 3015 Brighton 13th St. 35
Hauser, Martin 17 Abraham Lincoln H.S. 3100 Brighton 2nd St. 35
Marcus, Donald David 17 Abraham Lincoln H.S. 3099 Brighton 6th St. 35
Schildkraut, Joseph Jacob 17 Abraham Lincoln H.S. 7714 Bay Parkway 14
Weissblum, Bernard 17 Abraham Lincoln H.S. 2309 Avenue S 29
Harris, Morton Edward 16 James Madison H.S. 1771 Burnet St. 29
Orshan, Edward 17 James Madison H.S. 1561 East 29th St. 29
*Blumstein, Anita Jane 15 Midwood H.S. 1478 East 48th St.
Chandross, Edwin Arthur 16 Midwood H.S. 1009 Avenue I 30
Kaback, Stuart Mark 16 Midwood H.S. 1146 East 14th St. 30
Kramer, David 16 Midwood H.S. 862 East 21st St. 10
Remler, Edward Antoine 16 Midwood H.S. 1693 East 49th St. 34
Schaffer, Bert Julius 16 Midwood H.S. 5111 Fourteenth Ave. 19
Kamrin, Robert Paul 16 New Utrecht H.S. 556 East 94th St. 36
*Spitzer, Lilyan 16 Sarnavel, J. Thyden H.S. 179 Dodge Ave.
Hyde, James Franklin 17 Northside H.S. 108-11 65th Ave., Forest Hills
Frieder, Marvin Samuel 17 Newtown H.S. 108-11 65th Ave., Forest Hills
*Pincus, Lella Sunroy 17 Newtown H.S. 44-10 Ketcham St.

Corning
Elmhurst

Floral Park
Campbell, Warren Colman 17 Sewanhaka H.S. 225-12 95th Ave., Bellerose
DeWitt, Clarence Montell, III 17 Sewanhaka H.S. 1 Huron Rd., Bellerose 6
Newirth, Robert Samuel 17 Sewanhaka H.S. 107 Geranium Ave.
Forest Hills
Baker, Theodore S. 15 Forest Hills H.S. 98-120 Queens Blvd.
Eliassoff, Lee Andrew 17 Forest Hills H.S. 70-14 141st St., Kew Garden Hills
Fern, Donald Joel 15 Forest Hills H.S. 6905 Juno St.
Perskie, David Berger 16 Forest Hills H.S. 68-11 Juno St.
Rivlin, Richard Saul 16 Forest Hills H.S. 68-27 Juno St.
*Shims, Isabel Miller 17 Forest Hills H.S. 142-06 N. Hempstead Turnpike
Flushing
Freeport
*Herr, Lucille Margaret 17 Freeport H.S. 37 California Ave.
Glen Cove
Glickman, Morton Sheldon 17 Glen Cove H.S. 6 Prospect Ave.
Great Neck
Ruben, Robert Joel 17 Great Neck H.S. 12 Grace Court West
Ithaca
Dorf, David Charles 17 Ithaca H.S. 101 Orchard Place
Kennore
Sumner, Robert Grist 16 Kennore Sr. H.S. 71 Rookne Rd. 23
Long Island
De Leon, Daniel 17 Wm. Cullen Bryant H.S. 39-49 45th St.
City
O'Flynn, Patrick Augustine 17 Wm. Cullen Bryant H.S. 33-54 83rd St.
Jackson Heights
Malone
Toepep, Donald Gordon 17 Wm. Cullen Bryant H.S. 99-54 64th Rd., Forest Hills
Zwanziger, Daniel Eyan 15 Wm. Cullen Bryant H.S. 214-29 45th Dr., Bayside
Narrowsburg
Bonker, Richard William 18 Franklin Academy 38 West Main St.
Mineola
Reymann, Joseph, Jr. 17 Mineola H.S. 61 Westbury Ave.
Stofka, Edward Joseph 17 Narrowsburg Central School, Cochection Center
Newark
Kelley, Donald Ray 18 Newark H.S. 306 West Miller St.
Cough, Franz Ober 17 Newburgh Free Academy R.D. #3, S. Plank Rd.
Newburgh
Murphy, Edward William, Jr. 17 Newburgh Free Academy 5 Park Ave.
Schulman, Marvin Leslie 16 Newburgh Free Academy 142 West St.
Altman, Stephen George 17 New Rochelle H.S. 8 Laken Terrace
New Rochelle
Jacobson, Paul Felix 16 New Rochelle H.S. 62 Broadfield Rd.
John, James Edward Albert 17 New Rochelle H.S. 70 Berrian Rd.
Posner, Robert Anthony 16 New Rochelle H.S. 41 Highwood Ave., Larchmont
Pugh, Evan Robert 16 New Rochelle H.S. 291 Linton Ave.
Rothman, Richard Burton 16 New Rochelle H.S. 100 Pelham Rd.
Ward, Richard Edward 17 New Rochelle H.S. 175 Division St.
*Zucker, Judith Esther 17 New Rochelle H.S. 217 Storer Ave.
*Tapey, Patricia Ann 16 Cathedral H.S. 88-23 202nd St., Hollis
Paucker, Ronald Paul 17 Cardinal Hayes H.S. 28 St. Mary St., Yonkers 2
Zluf, Edward Charles, Jr. 17 Cardinal Hayes H.S. 682 Mineford Ave. 64
*Loeserman, Susan Marie 16 H.S. of Music and Art 40-40 74th St.,
Jackson Heights
New York
Nourok, David Solomon 16 James Monroe H.S. 1514 Bryant Ave. 60
DeBarryshe, Paul Gregory 17 Shuyvesant H.S. 16 East 9th St. 3
Glassman, Stanley Harvey 16 Shuyvesant H.S. 407 Van Stieglan Ave., Brooklyn
Halperin, David Avrohm 16 Shuyvesant H.S. 12 Crown St., Brooklyn 25
Jacobson, Michael Ira 15 Shuyvesant H.S. 101 Ocean Pkwy., Brooklyn 18
Pincus, Joel David 16 Shuyvesant H.S. 808 Adee Ave. 67
Porcello, Leonard Joseph 16 Shuyvesant H.S. 1464 76th St., Brooklyn 28
Thurber, James Kent 17 Shuyvesant H.S. 463 W. 46th St. 19
Zusman, Jack 17 Shuyvesant H.S. 6901 21st Ave., Brooklyn 4
*Federman, Florence 17 W.H. Taft H.S. 254 E. 174th St. 57
*Meyerowitz, Jerry Herbert 16 W.H. Taft H.S. 1515 Mocomb Rd. 52
*Rothenberg, Helen Frances 16 W.H. Taft H.S. 1635 Popham Ave. 53
Furstenberg, Harry 15 Talmudical Academy 515 West 168th St. 32
Schwartz, Judah Leon 16 Talmudical Academy 1615 54th St., Brooklyn 4
Steinberg, Shlomo Zvi 15 Talmudical Academy 504 Grand St. 2
Zweig, Arnold 16 George Washington H.S. 460 Audubon Ave. 33
Barkus, Edward Alfred 18 Oxford Academy and Central School 4 State St.
Penfield
Williams, Lynwood Ross 17 Penfield Central School 2254 Penfield Rd.,
Fairport

Syracuse
Graf, Rudy Walter 18 Nottingham H.S. 730 Livingston Ave. 10
Tuckahoe
*Kotsois, Mary Irene 17 Tuckahoe H.S. 60 Hewitt Ave., Bronxville
Utica
Thomson, Frank Buchanan 16 Utica Free Academy 2609 Oneida St. 3
Watertown
Zeman, Victor 17 Thomas R. Proctor H.S. 712 Roberts St.
Woodmere
LaPlante, Lyle James 17 Watertown H.S. 335 S. Rutland St.
Yonkers
Morris, N. Ronald 17 Woodmere Academy Woodmere Court Apts.
Wilson, George Milton 17 Gorton H.S. 126 Morsemere Ave. 3
NORTH DAKOTA
Devils Lake
Campbell, Richard Gordon 17 Central H.S. 326 Eighth Ave.
OHIO
Cleveland
Glueck, Alan R. 17 Shaker Hgts. H.S. 3707 Normandy Road 20
*Hughes, Mary Alice 18 Shaker Hgts. H.S. 2883 Huntington Rd. 20
Sturman, John Charles 17 West H.S. 3232 W. 82 St. 2
Columbus
Horn, David Lane 17 North H.S. 292 Canyon Dr. 14
Findlay
Day, Lawrence Eugene 17 Findlay H.S. 123 Elm St.
Louisville
Johnson, Ramon Edward 17 Findlay H.S. 341 Davis St.
Miami
Swigert, Roger Dee 17 Louisville H.S. R.D. #4
Vogler, Stephen Henry 17 Miamisburg H.S. 210 E. Maple Ave.
Vermillion
Sandord, James Richard 18 Vermillion H.S. West River Road
OKLAHOMA
Oklahoma City
Holloway, Harry Charles, Jr. 17 Putnam City H.S. 3219 Holloway Ave.
Tulsa
Medlock, Cleburne Waldemar, Jr. 15 Will Rogers H.S. 1403 S. Louisville 4
OREGON
Eugene
Colburn, James Howard 18 Eugene H.S. 107 Hansen Lane
Gresham
Almond, James Clayton 17 Gresham Union H.S. Box 206
Redmond
Cox, Thomas Richard 18 Redmond Union H.S. 127 Buena Vista St.
Salem
Stackhouse, Don Rex 17 Salem H.S. 2577 Alvarado Ter.
Springfield
*Peacock, Darlene Nelda 17 Springfield H.S. 1211 B St.
Stayton
Hindes, Kent Donald 17 Stayton H.S. Rt. 1, Sublimity
PENNSYLVANIA
Allentown
Knauss, Kenneth Gelger 17 Allentown H.S. 133 N. West St.
*O'Neill, Jacqueline Donna 16 Allentown H.S. 116 N. West St.
Windgassen, Richard Joseph, Jr. 17 Hampton Twp. H.S. Sample Rd.
Alltoona
Krouse, Phillip Elliott 17 Alltoona Sr. H.S. 2111 Washington Ave.
Canton
*Grinn, Joan Barbara 17 Canton H.S. 34 Lycoming St.
Catsaunqua
*Yandow, Mary Louise 17 Catsaunqua H.S. 515 St. John St.
Coranopolis
*Burrus, Mary Ellen 17 Moon Twp. H.S. 459 Cypress Dr.,
Lebanon
*Boian, Doroulea R. 17 Lebanon Sr. H.S. R.D. #1
*Rajeta, Eva Julia 17 Little Flower Catholic H.S. for Girls 848 Carver St. 24
*Palin, Rita Mary 17 Little Flower Catholic H.S. for Girls 730 E. Price St.
Reivich, Martin 17 Overbrook H.S. 6643 Lotus Rd. 31
Gumina, Gaetano Francis, Jr. 16 Southeast Catholic H.S. 735 Federal St. 47
Bader, Clifford John 17 Phoenixville Sr. H.S. 369 Third Ave.
*Hess, Arlene Marie 18 Wilksburg H.S. 506 Hill Ave. 21
Estery, John Roosevelt 17 Mt. Penn H.S. 2223 Dengler St.
Reading
Baldwin, Edward Nicholas, Jr. 17 State College H.S. 328 W. Ridge Ave.
State College
*Havr, Evelyn Ann 17 Upper Moreland H.S. 304 Pennsylvania Circle, Hatboro
Willow Grove
*Hiker, Jane Marie 18 Upper Moreland H.S. County Line, Hatboro
RHODE ISLAND
Providence
Willbourn, David Straight 16 Classical H.S. 17 Alger Ave. 7
Crook, Richard Francis 16 La Salle Academy 24 Brentwood Ave. 8
SOUTH CAROLINA
Clinton
*Smith, Linda Lou 17 Clinton H.S. R.F.D., Kinards

TEXAS

Memphis 17 Treadwell H.S. 3898 Vernon St. 12
 Nashville 17 Hillsboro H.S. Blackburn Dr. 5
 *Ball, Edward Donald, Jr. 17 Hillsboro H.S. Alton Rd. 5
 Graham, Walter Waverly, III 17 Hillsboro H.S. Alton Rd. 5

TEXAS

Babb, Stanley Ernest, Jr. 16 Ball H.S. 4210 Avenue T
 Koeppe, Douglas Francis 16 Ball H.S. 401 N. Boulevard
 Hartman, Bruce Erwin 17 Lamar H.S. 3927 Coleridge St. 5
 *Podlipny, Joyce Lillian 17 Lamar Consolidated H.S. 1300 6th St.

VIRGINIA

Arlington 17 Washington Lee H.S. 1610 N. Greenbrier St. 5
 Fishersville 17 Wilson Memorial H.S. 702 D St., Staunton
 *Blackwell, Ada Ann 17 Wilson Memorial H.S. Box 52, Sharps Draft
 *Dixon, Fay Frances 17 Wilson Memorial H.S. Rt. 1, Harrison
 *Eubank, Marcella Maxine 16 Wilson Memorial H.S. P.O. Box 469, Waynesboro
 Graham, William Thomas 17 Wilson Memorial H.S. 11 Booker St., Phoebus
 *Valentine, Ellen Dolores 17 George P. Phenix H.S. 11 Booker St., Phoebus
 Hampton 16 Jefferson Sr. H.S. 1302 Orange Ave., N.W. 16
 Roanoke

WASHINGTON

Walla Walla 18 Walla Walla H.S. 955 Isaacs Ave.
 Forrey, Arden Willis

WEST VIRGINIA

Huntington 17 St. Joseph's H.S. 1695 Sixth Ave.
 Morgantown 17 Morgantown H.S. 204 Koontz Ave.
 Jones, Edwin Channing, Jr. 16 Morgantown H.S. 472 Meridan St., Morgan Park
 South 16 South Charleston H.S. 304 Karen St. 3
 Charleston

WISCONSIN

Kenosha 17 Mary D. Bradford Sr. H.S. 1913 - 62 St.
 Madison 17 Wisconsin H.S. 176 Washington St., Oregon
 Milwaukee 17 Messmer H.S. 5834 W. Melvina St. 11
 Goodman, Stephen Benyas 17 Whitfish Bay H.S. 4650 N. Morris Blvd.
 Shorewood 17 Shorewood H.S. Box 119, Thiensville
 Waukesha 18 Waukesha H.S. 336 Arlington St. 6
 Wisconsin Rapids 18 Lincoln H.S. 840 6th St., S.
 Falgen, Michael Joseph

WYOMING

Meeteetse 18 Meeteetse H.S. Meeteetse
 Black, Herbert Nathaniel, III

**Died January 1, 1951, following injuries sustained in a cave exploration.

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 Searches in 1951 follow with the director of each indicated.

*Connecticut

District of Columbia: Washington Academy of Sciences
 Dr. Martin A. Mason, Beach Erosion Board, U.S. Army Engineers, Washington 25

Georgia: Georgia Academy of Science
 Mr. W.W. Keller, La Grange High School, La Grange

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

Indiana: Indiana Academy of Science
 Professor Ralph W. Lefler, Department of Physics and Education, Purdue University, Lafayette

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

Kansas: Kansas Academy of Science
 Dr. W.J. Baumgartner, Department of Zoology, University of Kansas, Lawrence

Louisiana: Louisiana Academy of Sciences
 Dr. L.M. Harrison, Louisiana State University, Baton Rouge 3

*Maine
 Massachusetts

Minnesota: Minnesota Academy of Science
 Mr. O.A. Nelson, 998 Dayton Avenue, St. Paul 4

Montana: Montana State College
 Professor Clifford V. Davis, Department of Zoology, Montana State College, Bozeman

*New Hampshire
 Pennsylvania: Pennsylvania Academy of Science
 Mr. Vernon Zettler, Indiana State Teachers College, Indiana

*Rhode Island
 South Carolina: South Carolina Academy of Science
 Mr. W.H. Ward, Extension Division, University of South Carolina, Columbia 1

South Dakota: South Dakota Academy of Science
 Dr. Elmer Johnson, Department of Chemistry, South Dakota State College, Brookings

Tennessee: Tennessee Academy of Science
 Mr. James T. Major, Golf Club Lane, Clarksville

Texas: Texas Academy of Science
 Dr. C.R. Pomeroy, Medical Branch, University of Texas, Galveston

*Vermont: Virginia Academy of Science
 Virginia: Virginia Academy of Science
 Dr. Philip Scherer, Jr., Department of Chemistry, Virginia Polytechnic Institute, Blacksburg

West Virginia: West Virginia Academy of Science
 Dr. C.D. Thomas, Department of Physics, West Virginia University, Morgantown

Wisconsin: Wisconsin Academy of Sciences, Arts and Letters
 Dr. Ralph C. Huffer, Professor of Mathematics, Beloit College, Beloit

*New England (all six New England States included): New England Science Council
 Dr. John Read, School of Education, Boston University, Boston, Mass.

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 or 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 a science teacher, professional scientist, parent, or other adult interested in science and youth. A 115-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 TENTH 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, 1951, 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

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

1. A completed science aptitude examination, certified by student and teacher.
2. A personal data blank and secondary school record, filled out by teachers and principal.
3. A report of about 1,000 words on "My Scientific Project," by the student.

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 science aptitude examination between Monday, December 11 and Saturday, December 16, 1950 inclusive. Administering officials must mail the completed and certified examination so that it is postmarked not later than midnight Saturday, December 16, 1950. Preferably other portions of the contestant's entry should be mailed with the examination, but if necessary they may be mailed separately later.

Each contestant must submit a report of about 1,000 words 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.

All parts of the entries submitted in the Science Talent Search must reach the offices of Science Clubs of America, 1719 N. St. N.W., Washington 6, D. C., not later than midnight, Wednesday, December 27, 1950.

AWARDS

Fifty 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 March 1-5, 1951, 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 \$100 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.

Committee 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 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.