

**THE WINNERS
IN THE NINTH 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 Advancement 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 world cannot be achieved unless ever greater abilities, energies and resources are 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 eight 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 eight 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 noble 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 nine 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 NINTH ANNUAL SCIENCE TALENT SEARCH

Three hundred boys and girls, who are believed to have unusual potential scientific ability, have been selected from the 1950 senior classes of United States secondary schools and have been awarded honors in the Ninth 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.

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 2 through March 6, 1950, 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

ARIZONA

Phoenix *McKinney, Alice 16 North Phoenix H.S. 1506 East Windsor Ave.

CALIFORNIA

Beverly Hills Rosen, Victor Joseph, Jr. 16 Beverly Hills H.S. 135 S. Canon Dr.
Pasadena Fuchs, Ronald 18 John Muir College H.S. 3311 N. Fair Oaks Ave., Altadena

CONNECTICUT

Seymour Tift, William Grant 17 Seymour H.S. 53 Swan Ave.

IDAHO

Kellogg Elliott, Noel Penney 18 Kellogg H.S. 138 West Riverside St.

INDIANA

Gary Finegan, Joel Dean 18 Horace Mann H.S. 322 Lincoln St.

MASSACHUSETTS

Dorchester *McPortland, Winifred 18 Msgr. Ryan Memorial H.S. 30 Sudan St. 25

NEW JERSEY

Jersey City Krongelb, Sol 17 Henry Snyder H.S. 177 Van Nostrand Ave. 5

NEW YORK

Albany Beaver, William Thomas 17 The Albany Academy 740 Western Ave. 3
Brooklyn Rosler, Lawrence 15 Brooklyn Technical H.S. 250 Crown St. 25
Wasserman, Edell 17 Brooklyn Technical H.S. 1070 Ocean View Ave. 24
Koreman, Stanley George 17 Abraham Lincoln H.S. 150 Brighton 15 St. 24
Siegel, Jerome 16 Abraham Lincoln H.S. 388 Avenue T 23
Zeidenberg, Phillip 17 Abraham Lincoln H.S. 108 Neptune Ave. 24
Lubell, David 17 Midwood H.S. 499 E. 29 St. 10
Gordon, Malcolm Stephen 16 New Utrecht H.S. 1305 53 St. 19

Forest Hills

*Steiner, Lisa Amelia 16 Forest Hills H.S. 83-19 116 St. Kew Gardens 15

Huntington

Markoff, Nicholas George 15 Huntington H.S. 256 West Neck Rd.

Ithaca

Warren, Alice Janet 16 Ithaca H.S. 848 Hanshaw Rd.

Kenmore

Detenbeck, Robert Warren 16 Kenmore Senior H.S. 71 E. Hazeltine Ave. 17

New York

Malone, Dennis Phillip 17 Kenmore Senior H.S. 248 E. Hazeltine Ave. 17

Glashow

Feinberg, Gerald 16 Bronx H.S. of Science 1319 Sheridan Ave. 56

Sheldon Lee

*Jackson, Cynthia Betty 17 Bronx H.S. of Science 65 Payson Ave. 34

Utica

*Sternberg, Saul Herbert 16 H.S. of Music and Art 98-39 65 Rd. Forest Hills 19

Cincinnati

*Jackson, Patricia Alice 17 Hunter College H.S. 98-39 65 Rd. Forest Hills 19

Sylvania

Cohen, Paul J. 15 Stuyvesant H.S. 4309 14 Ave. Brooklyn 19

Portland Springfield

Lubkin, Elihu 16 Stuyvesant H.S. 755 E. 46 St. Brooklyn 3
Posner, Edward Charles 16 Stuyvesant H.S. 1441 51 St. Brooklyn 19
Sussman, Alan 16 Stuyvesant H.S. 41-21 42 St. Long Island City 4
*Taylor, Lenore Yvonne 17 Utica Free Academy 30 Winner Ave. 4

OHIO

Martin, Donn Robert 17 Marlemont H.S. 6738 Maple St. 27

Cincinnati

Rippow, John Willard 17 Burnham H.S. Box 422 Berkeley Rd.

OREGON

*Franchere, Julie Victoire 16 St. Helen's Hall 901 Lake Shore Rd. Oswego

Reeves, William John, Jr. 17 Springfield H.S. P.O. Box 291

PENNSYLVANIA
 Philadelphia *Wyeñ, Cynthia Walton 16 Springfield Twp. H.S. P.O. Box 4363 18

RHODE ISLAND
 Woonsocket Wawskiewicz, Edward John 16 Mt. Saint Charles Academy
 Mendon Road R.F.D. 3 North Smithfield

SOUTH DAKOTA
 Kimball Plakue, Donald Frank 18 Kimball Consolidated H.S. Kimball
 TENNESSEE
 Oak Ridge McCormick, Donald Bruce 17 Oak Ridge H.S. 205 Outer Drive

WASHINGTON
 Deming Gunter, William Dayle, Jr. 18 Mt. Baker H.S. R. 3 Box 568 Bellingham

The trip winners are 15 to 18 years of age and come from 25 localities in 15 states. They were picked by the judges from among 13,585 contestants of whom 2,245 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 55% of the 40 Ninth 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 22% of the entries this year. In comparison with 21.4% last year.

NINTH 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 Ninth 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 Ninth 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. Britz, 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".

HONORABLE MENTIONS

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

ALABAMA
 Birmingham *Bates, Ann Louise 16 Phillips H.S. 1215 N. 31 St. 4
 Greenville Conn, Claude Bowen, Jr. 17 Greenville H.S. 202 Pleasant Lane
 Mobile Thomas, Albert David 17 Central H.S. 76 W. 5 St. Whistler

ARIZONA
 Mesa Della Morie, John Otis 16 Mesa H.S. 644 W. Main St.
 Tucson Ratney, Ronald Steven 17 Brandes School 1645 E. 4 St. Brooklyn 30, N.Y.

ARKANSAS
 Fort Smith Willis, William Jay 17 Fort Smith H.S. 113 N. 20 St.

CALIFORNIA
 Belmont *Duglin, Rosemary 17 Notre Dame H.S. 489 Ninth Ave. Menlo Park
 Beverly Hills *Elliot, Anne Rees 17 Beverly Hills H.S.
 Chico 1943 Benecia Ave., West Los Angeles 25
 Chico Matteson, Donald Stephen 17 Chico H.S. 472 E. Second Ave.
 Downey La Force, Richard Conley 16 Downey Union H.S. 10803 S. La Reina St.
 Bemet Shideler, Emily Anna 17 Bemet Senior H.S. 1515 E. Mayberry St.
 Lomita *Godsli, Joan Elaine 17 Narbonne H.S. 25802 Cypress Ave.
 Los Angeles Abbott, John Lynn 17 Alexander Hamilton H.S. 9138 Hargis St. 34

*Chapman, Gay Ann 18 Alexander Hamilton H.S. 8708 Olin St. 34
 *Cleave, Joyce Elaine 17 Alexander Hamilton H.S. 1720 S. Crescent Hgts. 35
 Cramer, Paul William, Jr. 17 Alexander Hamilton H.S. 3395 Military Ave. 34
 *Kopp, Audrey Marilyn 16 Alexander Hamilton H.S. 2718 Selby Ave. 64
 *Wattell, Shirley Ann 17 Alexander Hamilton H.S. 1817 S. Bedford St. 35
 Beyer, Robert John 16 Hollywood H.S. 6581 Franklin Ave. 28
 Crabs, Glen Russell 15 Hollywood Professional H.S.
 826 N. Normandie Ave. 27

Fichman, Marshall Paul 16 University H.S. 1454 Comstock Ave. 24
 Scott, Robert Eugene 17 Washington H.S. 8721 Budding Ave. 44
 Kerr, James Louis 16 Modesto H.S. 1835 Needham Ave.
 Modesto Simkin, Gordon Elmer 18 Newbury Park Academy P.O. Box 77
 Newbury Park Edmister, Ralph Leonard 17 Oakland H.S. 4218 Linnet Ave. 2
 Oakland Bush, John Burchard, Jr. 16 Pasadena City College 2576 E. Walnut 8
 Pasadena Verdier, Robin Fife 16 Pasadena City College
 3520 N. Raymond Ave. Altadena

Riverside Delvalle, John Paul 18 Polytechnic H.S. 3528 Oakwood Pl.
 Sacramento Sayre, Bruce Dunne 17 Polytechnic H.S. 3879 Third St.
 Scott, Dana Stewart 17 C.K. McClatchy Senior H.S. 2181 Portola Way
 Scherrer, Robert Allan 17 Sacramento Senior H.S. 3946 Second Ave. 17
 San Francisco *Kallin, Eva Marianne 17 Lowell H.S. 3709a 16 St. 14
 Malanud, Ernest I. 17 Lowell H.S. 1 Upland Dr. 12
 Wetzner, Harold 16 George Washington H.S. 758 34 Ave. 21
 South Bird, Robert Norman 17 South Pasadena-San Marino Senior H.S.
 Pasadena 1570 Circle Drive San Marino

COLORADO
 Pueblo Farmer, Richard Albert 18 Centennial H.S. 1908 E. 4 St.

CONNECTICUT
 Bridgeport Lafferty, James Carlisle 17 Baswick H.S. 1486 Iranistan Ave. 5
 Greenwich Douglass, Harold Orth, Jr. 16 Greenwich H.S. Mayfair Lane R.F.D. 4
 New Canaan Gray, David Anton 17 New Canaan H.S. Box 713

DISTRICT OF COLUMBIA

Washington Drissel, William Edward 16 Gonzaga H.S. 4408 New Hampshire Ave. 11
 Wolf, Phil Stradford 17 Western H.S. 404 Clover Way Alexandria, Va.
 *Federico, Patricia Morse 16 Woodrow Wilson H.S. 3634 Jocelyn St. 15

FLORIDA

Miami Beach Davis, Jerry Paul 16 Miami Beach Senior H.S. 1334 Washington Ave. 39
 Winter Haven *Bryant, Hazel Mae 17 Winter Haven H.S. P.O. Box 182

GEORGIA

Atlanta *Vinton, Eleanor Baker 17 William A. Bass H.S. 466 N. Highland Ave. NE
 *Rossetot, Grace Anne 17 Henry Grady H.S. 1095 Eulalia Rd. NE

ILLINOIS

Arlington Kurtz, David Allan 18 Arlington Heights Township H.S.
 Heights 909 N. Mitchell Ave.
 Chicago Harrison, Michael Jay 17 South Shore H.S. 7730 Colfax Ave. 49
 Cicero *Lewandowski, Leon Ralph 17 J. Sterling Morton H.S. 3124 S. 54 Ave 50
 *Mack, Alice Gloria 16 J. Sterling Morton H.S. 1632 S. 59 Ct. 50
 Cicero Caldwell, Thomas Edward 17 Cissna Park Community H.S. Cissna Park
 Decatur England, Alan Coulter 17 Decatur Senior H.S. 134 N. Summit St.
 Downers Grove Hartzler, Harris Dale 17 Downers Grove Community H.S.
 Grove 4828 Oakwood Ave.
 Edwardsville Hagemeyer, William Alfred, Jr. 17 Edwardsville H.S. 531 Dewey Ave.
 Evanson Peters, Fredus Nelson III 17 Evanson Township H.S. 2512 Hurd Ave.
 Greenville *King, Lucy Jane 17 Greenville H.S. 416 E. College Ave.
 Oak Park Wait, John Vary 17 Oak Park and River Forest H.S. 303 S. Scoville Ave.

INDIANA

Evansville Bailey, Kenneth Raybourne 17 Benjamin Bosse H.S. 1104 Adams Ave. 14
 Koehler, Richard Lawton 17 Benjamin Bosse H.S. 2801 Lincoln Ave. 14
 Fort Wayne Herber, Robert Anthony 17 Central Catholic H.S. 2429 Lynn St. 3
 Gary Howland, Carl Bruce 17 Horace Mann H.S. 570 Buchanan St.
 Shephard, William Danks 16 Horace Mann H.S. 431 Grant St.
 Milltown Edelman, Harold Lee 17 Milltown H.S. Star Route Marengo
 Richmond Marley, Finley 17 Richmond Senior H.S. R.R. 1
 Tell City Schwemmerger, Norman Frederick 17 Richmond Senior H.S. 639 S. J. St.
 Zionsville Sanders, William Thomas 16 Tell City H.S. 1108 Herran St.
 Moore, James Maurice 17 Eagle Township H.S. R.R. 1

IOWA

Ames Anderson, James Robert 17 Ames H.S. 2318 Donald St.
 Charles City Winkelman, James Robert Charles City H.S. 97 1/2 N. Main St.
 Coon Rapids *Wickliff, James Leroy 18 Coon Rapids Ind. School Sixth Ave.
 Dubuque *Winter, Lillian Ann 17 St. Joseph Academy 2196 Foye St.
 Marshalltown Henchal, Donald Edward 17 St. Mary H.S. 408 Anson St.

KANSAS

Fowler Lumdeen, Allan Jay 17 Fowler H.S. Fowler

LOUISIANA

Grand Coteau *Johnson, Margaret Maria 16 Academy of the Sacred Heart Avery Island

MARYLAND

Garrett Park Hannibal, Marc Joseph 17 Georgetown Preparatory School
 13891 Edgewater Dr. Lakewood 7 Ohio
 Hyattsville Goldsmith, Timothy Henshaw 17 Hyattsville H.S.
 4624 Harvard Rd. College Park

MASSACHUSETTS

Newtonville Raluse, Robert Pendleton 17 Newton H.S. 41 Chase St. Newton Ctr. 57

North Andover Copeland, Lamont duPont, Jr. 17 Brooks School
 Bartley Mill Rd. Greenville Delaware

MICHIGAN

Detroit Kettner, Karl Antony 17 Southeastern H.S. 4199 Three Mile Dr. 24
 Keego Harbor *Booth, Grace Annette 17 Roosevelt H.S. 4901 Commerce Rd. Pontiac 5

MINNESOTA

Austin *Guld, Ida Mae 18 Austin H.S. 1006 Harmon Ave.
 Chicago City Boetzel, Charles Bernard 17 Chicago City H.S. Box 175
 Little Falls Bostlaugh, David Lee 17 Little Falls H.S. 106 Kilder St.
 Minneapolis Bowers, Newton, Jr. 17 Southwest H.S. 5205 York Ave. S. 10
 Redwood Halvorson, David Orville 17 Lincoln H.S. 115 W. 4 St.

Falls South St. Paul Wells, Ralph Frederick 17 South St. Paul H.S. 132 8 Ave. N.
 Winona Fawcett, Mark Stanley 17 Winona Senior H.S. 379 W. Broadway
 Winona Haake, Paul Charles 17 Winona Senior H.S. 313 Laird St.

MISSOURI

Kirkwood Lindemeyer, Robert Lwng 17 Kirkwood H.S. 109 N. Sappington Rd. 22
 *Gatz, Carole Ruth 17 Benson H.S. 3105 N. 59 St. 4
 St. Louis *Somogyi, Anna Li 16 Kirkwood H.S. 9389 Pardee Rd. St. Louis 23
 Krebe, James John 17 Christian Brothers Military H.S.
 458 Dickens St. Kirkwood 22
 Kuhlman, Robert Eugene 17 Roosevelt H.S. 3139 Sheandoah St. 4

MONTANA

Kallepell Carlisle, Steven James 17 Flathead County H.S. 385 2 Ave. E.N.
 Missoula Williams, Robert Louis 18 Missoula County H.S. 1821 S. 4 St. W.

NEBRASKA

Columbus *Elietson, Adrienne Thorne 16 Columbus H.S. 2021 15 St.
 Omaha *Gatz, Carole Ruth 17 Benson H.S. 3105 N. 59 St. 4
 Hunt, Richard Thomas 17 Benson H.S. 1812 N. 53 St. 4
 Scottsbluff Silverman, Donald Ray 17 Central H.S. 3220 Lafayette Ave. 2
 Braundaway, David William 17 Scottsbluff H.S. 1425 N. St. Gerling

NEW JERSEY

Butler Hudnagel, Robert Ernest 17 Butler H.S. 11 Post Rd. Pompton Plains
 Caldwell Gray, Paul Edward 17 Grover Cleveland H.S. 35 Lexington Dr. Livingston
 Chatham Stevens, Donald Charles 17 Chatham H.S. 73 Orchard Rd.
 Millburn Berggren, Ralph Raymond 16 Millburn H.S. 18 Woodland Rd. Short Hills
 New Kahler, Richard Lee 17 New Brunswick Senior H.S.

Brunswick 114 Booram Ave. Milltown
 Princeton Fried, David Larry 16 Princeton H.S. Highway 26 Monmouth Junction
 Union Jacobus, Roy Walter 17 Union H.S. 464 Crawford Terrace
 Weehawken Kasner, Walter John 17 Union H.S. 469 Winthrop Rd.
 *Foulkes, Elise Catherine 16 Weehawken H.S. 1 Clifton Terrace

NEW YORK

Bayside Lewis, Robert Taber 17 Bayside H.S. 42-29 205 St.
 Brooklyn Dinsmore, George Howard, Jr. 16 Brooklyn Technical H.S.
 651 Knickerbocker Ave. 1
 Gruverman, Irwin Jerry 16 Brooklyn Technical H.S. 300 Van Buren St. 21
 Hauben, Robert Irwin 17 Brooklyn Technical H.S.
 135 Prospect Park S.W. 18
 Lande, Kenneth 17 Brooklyn Technical H.S. 109 Sherman Ave. New York 34
 Lande, Kenneth 17 Brooklyn Technical H.S. 2604 Fillmore Ave. 29
 Murray, James George 16 Erasmus Hall H.S. 70 Lenox Rd. 26
 *Rosefeld, Marlon Sue 17 Erasmus Hall H.S. 541 Marlborough Rd. 26
 Schulz, Charles Gary 17 Fort Hamilton H.S. 4706 10 Ave. 19
 *Goodman, Janet 17 Fort Hamilton H.S. 614 Shore Blvd. 29
 Jacobs, Laurence 17 Abraham Lincoln H.S. 614 Shore Blvd. 29
 Fischer, George Andrew 17 The Bishop Loughlin Memorial H.S.
 143-14 Hillside Ave. Jamaica 2

Harrisburg Schmidt, Donald John 17 Catholic H.S. 2707 Hoffer St. Penbrook
 Northampton Miller, Hillard Craig 17 Northampton Junior-Senior H.S. Miller Manor
 Oakdale Broome, Paul W., Jr. 18 West Allegheny School Box L26 Noblesstown
 Philadelphia *Falco, Maria Josephine 17 Hallahan Catholic Girls' H.S.

244 Rocklyn Rd. Upper Darby
 *Schuld, Martha Mary 17 Little Flower Catholic H.S. for Girls
 422 W. Annsbury St. 40
 *Radel, Diane 17 Philadelphia H.S. for Girls 5833 Pentridge St. 43
 *Telka, Theresa Arnes 17 West Philadelphia Catholic Girls' H.S.

Red Lion Hostler, Levere Cortez 17 Red Lion H.S. 17 S. Main St.
 Beranton Dempsey, James Gonzaga, Jr. 17 St. Paul H.S.
 1619 N. Webster Ave. Dummore

Willes-Barre Zapotoski, Bernard Patrick 17 Coughlin H.S. 555 N. Main St.

RHODE ISLAND

Waketield *Howard, Shirley Ann 17 South Kingstown H.S. 64 South Rd. Kingston

TENNESSEE

Maryville Traylor, Thomas Hamilton 17 Maryville H.S. 120 Wilson Ave.
 Memphis Bruce, Daniel William 16 Catholic H.S. for Boys 1085 Lane Ave. 7
 Oak Ridge Scott, Thomas Warren 17 Oak Ridge H.S. 106 Norris Lane
 Whitehaven Hoover, David Lynn 17 Whitehaven H.S. Rt. 1 Germantown

TEXAS

Port Arthur *Haynes, Harriot Jane 16 Thomas Jefferson H.S. 3231 9 St.

VIRGINIA

Blacksburg Layman, John William 17 Blacksburg District H.S. 307 Eheart St.
 Fishersville *Cook, Betty Campbell 17 Wilson Memorial H.S.
 112 Waverly St. Staunton
 Newport News *Davis, Anne Louise 17 Wilson Memorial H.S. 143 Stralsh St. Staunton
 Richmond Smith, Carroll Edward 17 Huntington H.S. 724 18 St.
 *Mullisier, Claire June 15 Thomas Jefferson H.S. 4209 Patterson Ave. 21
 Pierce, Camden Ballard 17 Thomas Jefferson H.S. 813 Roseneath Rd. 21

WEST VIRGINIA

South Wells, Charles Jack 17 South Charleston H.S. 5106 MacCorkle Ave. 3
 Charleston

WASHINGTON

Cashmere Calkin, James Floyd 17 Cashmere H.S. Box 557
 Greenacres Clay, Charles William, Jr. 17 Central Valley H.S. 524 N. Long St.

WISCONSIN

Appleton Krueger, Thomas Otto 17 Appleton Senior H.S. 1712 N. Alvin St.
 Eau Claire Parker, Dianne Howard 17 Eau Claire Senior H.S. 328 Water St.
 Madison Brown, Frederick Gramm 17 West H.S. 2521 Chamberlain Ave. 5
 Shorewood Greenblatt, Gordon Michael 17 Shorewood H.S. 1807 E. Jarvis St. 11
 Wisconsin Graesser, Donald Clyde 17 Lincoln H.S. Rt. 4 Box 133
 Rapids Hornigold, Richard Mitchell 17 Lincoln H.S. 510 9 St. South
 Samuelson, Charles Roger 17 Lincoln H.S. 121 11 St. South

WYOMING

Torrington Sparks, John Earl 17 Torrington H.S. 420 E. Highway St.

Of the Honorable Mentions in the Ninth Annual Science Talent Search, 43% of the boys and 60% 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, 215 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 57 girls and 203 boys.

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 1950 follow with the director of each indicated.

- District of Columbia: Washington Academy of Sciences
- Dr. Martin A. Mason, Beach Erosion Board, U.S. Army Engineer, Washington 25
- Georgia: Georgia Academy of Science
- Mr. W. W. Keller, La Grange High School, La Grange
- Illinois: Illinois Junior Academy of Science
- Dr. Robert M. Smith, Department of Zoology, University of Illinois, Champaign
- Indiana: Indiana Junior Academy of Science
- Professor Ralph W. Lefler, Department of Physics, Purdue University, Lafayette
- Iowa: Iowa Academy of Science
- Dr. F. E. Brown, Department of Chemistry, Iowa State College, Ames
- Louisiana: Louisiana Academy of Sciences
- Dr. L. M. Harrison, Louisiana State University, Baton Rouge 3
- 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 England (all six New England states included): New England Science Council
- Dr. John Read, School of Education, Boston University, Boston
- Pennsylvania: Pennsylvania Academy of Science
- Mr. Vernon Zeitler, Indiana State Teachers College, Indiana
- South Dakota: South Dakota Academy of Science
- Dr. Elmer Johnson, Department of Chemistry, South Dakota State College, Brookings
- Tennessee: Tennessee Junior Academy of Science
- Mr. James L. Major, Golf Club Lane, Clarksville
- Texas: Texas Academy of Science
- Dr. C. R. Pomeroy, Medical Branch, University of Texas, Galveston
- 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. Butler, Professor of Mathematics, Beloit College, Beloit

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 name and state, to:

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

THE NINTH 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, 1950, 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 5, 1949.

2. Each contestant must submit an essay.

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

4. All entries must reach the office of Science Clubs of America, 1719 N. Street, N. W., Washington 6, D. C., not later than midnight, Tuesday, December 27, 1949.

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 Proverb." 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

Every contestant 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 laureates to the Science Talent Institute and all-express trips (transportation, hotel and other arranged expenses paid) to the place the laureates is to be held, and return. It is planned to hold the Science Talent Institute at the end of February, 1950, at Washington, D. C., unless in the judgment of Science Service it should be held elsewhere or at another date. All contestants laureated 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 essays, 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 recognized in the field of activity of the National Academy of Sciences and the National Research Council.

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

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

One-half of each year's scholarship will be paid at the time of entering upon each year's college work and one-half at the middle of each 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.