

APPENDIX IV

GRADUATE FELLOWSHIP PROGRAM

Distribution of Accepted Fellowships by State of Residence

<i>Region and State</i>	<i>Applica- tions Received</i>	<i>Fellow- ships Accepted</i>	<i>Region and State</i>	<i>Applica- tions Received</i>	<i>Fellow- ships Accepted</i>
NORTHEAST			NORTH CENTRAL		
Connecticut	53	10	Illinois	223	47
Maine	15	2	Indiana	91	12
Massachusetts	152	37	Iowa	46	9
New Hampshire	15	2	Kansas	32	3
New Jersey	113	29	Michigan	115	18
New York	511	119	Minnesota	51	12
Pennsylvania	201	37	Missouri	74	13
Rhode Island	21	0	Nebraska	20	1
Vermont	8	1	North Dakota	4	1
			Ohio	106	24
			South Dakota	14	3
			Wisconsin	48	12
SOUTH			WEST		
Alabama	19	2	Arizona	10	3
Arkansas	12	1	California	246	51
Delaware	4	2	Colorado	48	10
District of Columbia	36	10	Idaho	16	1
Florida	58	9	Montana	7	1
Georgia	37	3	Nevada	1	0
Kentucky	26	4	New Mexico	16	2
Louisiana	28	4	Oregon	58	10
Maryland	67	10	Utah	32	5
Mississippi	10	1	Washington	48	4
North Carolina	38	9	Wyoming	8	1
Oklahoma	37	6			
South Carolina	24	1	POSSESSIONS		
Tennessee	30	5	Alaska	3	0
Texas	81	12	Hawaii	5	1
Virginia	39	10	Puerto Rico	3	0
West Virginia	15	3			

Distribution of Accepted Fellowships by Year of Study and Field

Field of study	Predoctoral			Post-doctoral	Total
	1st year	2d year	Advanced		
Biological Sciences	25	41	65	9	140
Chemistry	43	38	43	3	127
Engineering	30	22	16	1	69
Geology	6	10	16	3	35
Mathematics	12	20	17	8	57
Physics	35	32	51	10	128
Astronomy	1	1	3	1	6
Physical Anthropology	1	0	2	0	3
Experimental Psychology	1	1	3	3	8
Total	154	165	216	38	573

Names, residence and field of study of persons awarded National Science Foundation fellowships for fiscal year 1952

ALABAMA

ARTHUR H. NEAL, Birmingham, Chemistry.

THOMAS A. SCOTT, Nauvee, Physics.

ARIZONA

DONALD L. BRYANT, Tucson, Geology.

ELMON LEE COE, Yuma, Biochemistry-Physiology.

DAVID PETTUS, Tempe, General Zoology.

ARKANSAS

BOWMAN S. GARRETT,¹ Springdale, Chemistry.

ROBERT J. MACKIN, Jr., Little Rock, Physics.

CALIFORNIA

JARED ABELL, Santa Monica, Chemistry.

PHILLIP A. ADAMS, Los Angeles, General Zoology.

CLARENCE R. ALLEN, Claremont, Geology.

ROBERT H. ALLEN, Berkeley, Chemistry.

CHARLES F. ANDREWS, Pasadena, Chemistry.

BARBARA J. BACHMAN, Pacific Grove, Biochemistry-Physiology.

RICHARD P. BUCK, San Marino, Chemistry.

DAVID O. CALDWELL, Los Angeles, Physics.

CHRIS D. CALSOYAS, San Francisco, Physics.

EVERETT CLIPPINGER, Los Angeles, Chemistry.

ARTHUR N. COX, Van Nuys, Astronomy.

RAYMOND F. DASMANN, Berkeley, Zoology.

DONALD DE FREMERY, Oakland, Biochemistry.

BERNARD ELSPAS, Palo Alto, Engineering.

HERBERT A. FORRESTER, Pasadena, Mathematics.

GLENN FULLER, Burbank, Chemistry.

ROBERT G. GHIRARDELLI, San Francisco, Chemistry.

ROY W. GOULD, Jr., Rialto, Physics.

ANDREW L. GRAM, San Marino, Engineering.

HARRY GREENBERG, Los Angeles, Engineering.

THOMAS W. GRISWOLD, Berkeley, Physics.

¹ Fellowship declined.

JOHN HAMPTON, Berkeley, Chemistry.
 BILLY J. HARTZ, Albany, Engineering.
 RICHARD H. HELM, Chula Vista, Physics.
 ROBERT L. HESS, Oakland, Engineering.
 ROBERT S. HOFFMANN, Berkeley, Zoology.
 JAMES A. IBERS, Temple City, Chemistry.
 ROBERT EUGENE JONES, Watsonville, Engineering.
 ARNOLD H. KAHN, Berkeley, Physics.
 JULIAN LEE KAVANAU,¹ Los Angeles, Biology.
 ROBERT M. KENDALL, Pasadena, Engineering.
 WILLIAM A. KLEMPERER, Oakland, Chemistry.
 PATRICIA M. KOHOUT, Temple City, Chemistry.
 JOSEPH KRAUT, Pasadena, Chemistry.
 LEO LIGHTMAN,¹ Ontario, Engineering.
 DAN L. LINDSLEY, Jr.,¹ Pasadena, Biology.
 JAMES A. LOCKHART, Los Angeles, Botany.
 THANE H. McCULLOH, Santa Monica, Geology.
 JON MATHEWS,¹ Hollywood, Physics.
 DAVID H. MILLER, Oakland, Geology.
 STANLEY L. MILLER, Oakland, Chemistry.
 WILLIAM R. MOORE, Pacific Palisades, Chemistry.
 MERRILL A. MUHS, San Francisco, Chemistry.
 NORBERT MULLER,¹ Berkeley, Physics.
 MONTGOMERY PHISTER, Long Beach, Engineering.
 LYMON C. REESE, Berkeley, Engineering.
 ROBERT C. REMPEL, Stanford, Engineering.
 WERNER B. RIESENFELD, Los Angeles, Physics.
 PHILIP R. RUCK, Los Angeles, Zoology.
 THOMAS A. SEDGWICK, Pacoima, Engineering.
 PAUL J. SCHLICHTA, Los Angeles, Chemistry.
 WILLIAM R. SISTROM, Carmel, Microbiology.
 WILLIAM GLENN SLY, Lakeside, Chemistry.
 GEORGE H. TRILLING, Los Angeles, Physics.

EDWIN F. ULLMAN, Los Angeles, Chemistry.
 VICTOR A. VAN LINT, Pasadena, Physics.
 ARTHUR E. WENNSTROM, Los Angeles, Engineering.
 WILLIAM V. WRIGHT, Long Beach, Engineering.
 ROBERT E. WYCOFF, Pasadena, Engineering.
 STANLEY A. ZWICK, Pasadena, Physics.

COLORADO

JAMES L. BREWBAKER, Longmont, Biology.
 HARRY C. GRANGER, Denver, Geology.
 WILLIAM G. HOEKSTRA, Golden, Biochemistry.
 RUSSELL M. HONEA, Boulder, Geology.
 JOHN L. KICE, Colorado Springs, Chemistry.
 BEVERLY M. NEEPER, Monte Vista, Zoology.
 CARL F. PRENZLOW, Englewood, Chemistry.
 WALTER C. SWEET, Denver, Geology.
 JOHN L. WESTLEY, Denver, Biochemistry.
 DAVID J. WILSON, Fort Collins, Chemistry.

CONNECTICUT

JEAN F. DUBE, Hamden, Botany.
 CLARENCE L. GREGORY, Greenwich, Engineering.
 HARRY D. PECK, jr., Middletown, Biochemistry.
 ZEVI W. SALSBURG, Hartford, Chemistry.
 CHARLES L. SCHWARTZ, Bloomfield, Physics.
 JOHN A. STROTHER, New London, Engineering.
 ETHEL S. TESSMAN, New Haven, Biochemistry.
 IRWIN TESSMAN, New Haven, Physics.
 CHARLES F. WILCOX, Cos Cob, Chemistry.
 GEORGE A. WILLIAMS, III, Higganum, Chemistry.

DELAWARE

RICHARD E. EMMERT, Newark, Engineering.

¹ Fellowship declined.

HARRY WELLER, Wilmington, Biochemistry.

DISTRICT OF COLUMBIA

THOMAS S. ENGLISH, Zoology.
 ROYAL B. KELLOGG, Mathematics.
 FRANCIS L. LAMBERT, Zoology.
 EDWARD A. MASON,¹ Chemistry.
 VICTOR J. MIZEL, Physics.
 JACQUES C. POIRIER, Chemistry.
 JOHN C. REED, Jr., Geology.
 JEROME SPANIER, Mathematics.
 GRANGER G. SUTTON, Geology.
 ARNOLD M. TOXEN, Physics.
 DAVID A. WHITE, Geology.

FLORIDA

ARTHUR C. BOWBEER, Gainesville, Chemistry.
 DAVID B. BRIGHT, Lakeland, Chemistry.
 JAMES A. COLLINSON, St. Petersburg, Physics.
 ALEXANDER ENGEL, Miami Beach, Physics.
 NELSON H. KEMP, Miami Beach, Engineering.
 EARL W. MCKISSOM, Clearwater, Chemistry.
 ROBERT S. SILAS, Miami, Chemistry.
 HAROLD WIDOM, Miami Beach, Mathematics.
 THOMAS H. WOOD, Tallahassee, Biochemistry.

GEORGIA

ARTHUR M. DOWELL, Jr., Atlanta, Chemistry.
 ARTHUR W. FORT, Americus, Chemistry.
 VERNON J. HURST, Manor, Geology.

IDAHO

DARRELL L. DAVIS, Corral, Zoology.

ILLINOIS

CHARLES B. ARENDS, Chicago, Chemistry.
 ROBERT L. BLAIR, Rock Island, Mathematics.
 HUGH N. BROWN, Urbana, Physics.
 JOHN BUETTNER-JANUSCH, Chicago, Anthropology.
 BRUCE B. BURNETT, Urbana, Chemistry.

ALLAN McC. CAMPBELL,¹ Urbana, Microbiology.

THOMAS R. CARVER, Urbana, Physics.

BERNARD CENTURY, Chicago, Biochemistry.

CHARLES E. COHN, Chicago, Physics.

JOHN C. CRADDOCK, Glen Ellyn, Geology.

WALTER F. DAVISON, Ramsey, Physics.

ALLEN DEVINATZ, Chicago, Mathematics.

DONALD C. DITTMER, Quincy, Chemistry.

WILLIAM P. DUMKE, Chicago, Physics.

DOUGLAS A. EGGEN, Chicago, Biochemistry.

ALLAN M. FELDMAN, Chicago, Chemistry.

JOHN W. FIROR, Chicago, Physics.

FRANK J. FISHMAN, Jr., Cicero, Physics.

MARVIN H. FRIEDMAN, Champaign, Physics.

CHARLES J. GOEBEL, Chicago, Physics.

ALLEN M. GOLD, Chicago, Chemistry.

JANE GRAY, Urbana, Geology.

DONALD F. HOLCOMB, Urbana, Physics.

LOUIS N. HOWARD, Urbana, Physics.

JOHN C. JAMIESON, Chicago, Geology.

OWEN J. KOEPPÉ, Champaign, Biochemistry.

GEORGE LEPPERT, New Lenox, Engineering.

ROBERT L. METZENBERG, Jr., Highland Park, Biochemistry.

ROBERT E. MEYER, Bellwood, Chemistry.

WHEELER K. MUELLER, Jr., Urbana, Engineering.

THEODORE B. NOVEY, Chicago, Physics.

FRANKLIN P. PETERSON, Naperville, Mathematics.

BARTH POLLAK, Chicago, Mathematics.

DEWAYNE L. RICHARDSON, Lake Zurich, Genetics.

ARTHUR H. ROSENFELD, Chicago, Physics.

RICHARD A. RUBENSTEIN, Champaign, Physics.

PHILIP R. RUBY, Aurora, Chemistry.

ROBERT H. SCHWAAR, Chicago, Engineering.

HENRY SELIG, Chicago, Chemistry.

NORMAN SHAPIRO, Chicago, Mathematics.

DONALD A. SPEER, Morton Grove, Chemistry.

HENRY LEWIS STADLER,¹ Chicago, Physics.

GENE STRULL, Chicago, Engineering.

¹ Fellowship declined.

ROBERT A. SWANSON, Chicago, Physics.
 JOHN S. TADANIER, Chicago, Chemistry.
 WILFORD F. WEEKS, Champaign, Geology.
 JAMES W. WILT, Chicago, Chemistry.
 JOHN W. WINCHESTER, Western Springs, Chemistry.
 NANCY W. WORNER,¹ Lawrenceville, Genetics.
 FREDRIK ZACHARIASEN, Chicago, Physics.

INDIANA

JAMES W. BASTIAN, West Lafayette, Zoology.
 JAMES R. BEERBOWER, Auburn, Geology.
 ARTHUR C. BROWN, Mishawaka, Physics.
 HENRY M. BUTZEL, Jr., Bloomington, Zoology.
 ROBERT L. CONNER, Marion, Biochemistry.
 RICHARD S. COWAN, Indianapolis, Biology.
 RAYMOND A. FLECK, C. S. C., Notre Dame, Chemistry.
 EARL D. HANSON, Bloomington, Genetics.
 THEODORE J. KRIEGER,¹ West Lafayette, Physics.
 GORDON E. MALLETT,¹ Lafayette, Microbiology.
 HAROLD L. SCOTTEN, Indianapolis, Microbiology.
 CARL W. SMITH, Indianapolis, Chemistry.
 LEE M. SONNEBORN, Bloomington, Physics.
 THOMAS L. SWIHART, Elkhart, Astronomy.

IOWA

JOHN C. BELSHE, Spencer, Geology.
 JOHN B. CARLSON, Ames, Botany.
 ALLAN L. FISHER, Iowa City, Biochemistry.
 HELEN L. HINRICHSEN, Ames, Physics.
 THERESE M. KELLEHER, Des Moines, Botany.
 WILLARD D. ROTH, Waterloo, Zoology.
 MARY M. TREMAINE,¹ Mason City, Biochemistry.
 MARY E. WARTERS, Des Moines, Zoology.
 WILLIAM D. WARTERS, Des Moines, Physics.

KANSAS

SYDNEY ANDERSON, Lawrence, Zoology.
 PHILIP OSBORNE BELL, Lawrence, Mathematics.
 THOMAS M. BURFORD, Wichita, Engineering.
 DAVID W. MCCALL, Wichita, Chemistry.
 ROBERT L. SHAFFER,¹ Kinsley, Agriculture.

KENTUCKY

HERBERT E. HALL, Lexington, Microbiology.
 WILLIAM W. HUNT, Jr., Franklin, Chemistry.
 JOEL W. MCCLURE, Jr., Lexington, Physics.
 EDWARD O. WILSON, Louisville, Zoology.

LOUISIANA

CHARLES E. CAPEL, New Orleans, Mathematics.
 ALAN H. CHEETHAM, Shreveport, Geology.
 CHARLES W. GORTON, Shreveport, Engineering.
 CYRUS O. HARBOURT,¹ St. Gabriel, Engineering.
 THOMAS A. OLIPHANT, Alexandria, Physics.
 JASPER A. WELCH, Jr.,¹ Baton Rouge, Physics.

MAINE

PAUL L. CLOKE, Orono, Geology.
 EDWIN R. FRENCH,¹ Millinocket, Biochemistry.
 DAVID C. MAUZERALL, Sanford, Chemistry.

MARYLAND

ROBERT W. BASS, Annapolis, Mathematics.
 JACOB J. BLUM,¹ Rockville, Biology.
 RICHARD L. IRWIN, Westminster, Chemistry.
 ROLF W. JUHLE, Ironsides, Geology.
 ROBERT G. KULLER, Baltimore, Mathematics.
 RUSSELL M. KULSRUD, Riverdale, Physics.

¹ Fellowship declined.

FREDERICK W. LIPPS, Baltimore, Physics.
 MINER B. LONG, Baltimore, Geology.
 HAROLD S. MORTON, Takoma Park, Physics.
 HELEN L. RUARK, Baltimore, Geology.
 PETER F. STEHLE, Baltimore, Chemistry.

MASSACHUSETTS

SAUL ARONOW,¹ Watertown, Engineering.
 ALBERT J. BERNATOWICZ, Worcester, Biology.
 GEORGE R. BIRD,¹ Sandwich, Chemistry.
 WILLIAM F. BRACE, Winchester, Geology.
 NORMAN H. BROOKS, Milton, Engineering.
 EDITH C. CLARKE, Concord, Biochemistry.
 ROBERT A. CLEMENT, Rockland, Chemistry.
 JAMES S. COLEMAN, Cambridge, Chemistry.
 RICHARD H. CROWELL, Cambridge, Mathematics.
 LLOYD A. CURRIE, Somerville, Chemistry.
 SAMUEL I. EPSTEIN,¹ Dorchester, Chemistry.
 RICHARD M. FRANKLIN, Dorchester, Biochemistry.
 FRANK E. HARRIS, Jr., Quincy, Chemistry.
 JACQUES A-F. HILL, Brookline, Engineering.
 JOSEPH H. HOLLOWAY, Brighton, Physics.
 QUENTIN JONES, Cambridge, Botany.
 KENNETH D. KOPPLE, Boston, Chemistry.
 SAMUEL G. LEVINE,¹ Chelsea, Chemistry.
 JAKOB R. LOEWENBERG, Grotton, Botany.
 ROBERT M. LURIE, Brighton, Engineering.
 JAMES P. McLAUGHLIN, Lowell, Microbiology.
 JOHN F. MOORE, Concord, Physics.
 RICHARD S. PALAIS,¹ Brookline, Mathematics.
 HARRIS E. PETREE, Cambridge, Chemistry.
 JOHN W. PRATT, Concord, Mathematics.
 CARL A. PRICE, Cambridge, Biology.
 ROBERT E. PUTNAM, Leeds, Chemistry.
 ROBERT H. ROMER, Cambridge, Physics.
 JOHN ROSS, Newton, Chemistry.

WILFRED T. ROULEAU, Quincy, Engineering.
 ROBERT L. SAN SOUCIE, Adams, Mathematics.
 HENRY J. SMITH,¹ Cambridge, Astronomy.
 PETER C. STEIN, Brookline, Physics.
 GEORGE R. STEPHENS, Jr.,¹ Agawam, Agriculture.
 STEPHEN J. TAUBER, Springfield, Chemistry.
 VIVIANNA THIMANN, Cambridge, Biochemistry.
 EDWIN W. TOOKER, Littleton Common, Geology.
 PETER P. VAUGHN, West Somerville, Zoology.
 WILLIAM G. VAN DER KLOOT,¹ Cambridge, Biology.
 PETER H. VON HIPPEL, Weston, Biochemistry.
 MATTHEW J. WAYNER, Jr., Fairhaven, Psychology.
 ROBERT C. WEST, Jr., Boston, Chemistry.
 CALVIN H. WILCOX, Waltham, Mathematics.
 SHELDON WOLFF, Lowell, Genetics.

MICHIGAN

EDWIN HALL BATTLE, Port Huron, Microbiology.
 CHARLES C. BOWEN, East Lansing, Botany.
 JOHN L. BROWN, Birmingham, Physics.
 JAMES L. BURKHARDT, Birmingham, Physics.
 GEORGE W. FORD, Troy, Physics.
 ROBERT J. GASSER,¹ Detroit, Chemistry.
 THOMAS W. HICKMOTT, Kalamazoo, Chemistry.
 EARL D. HOLLY, Coldwater, Chemistry.
 JOHN LEMISH, Ann Arbor, Geology.
 ROBERT R. LEWIS, Jr., Ann Arbor, Physics.
 CECIL R. LUBITZ, Willow Run, Physics.
 CHARLES B. MAGEE, Detroit, Chemistry.
 KNUT J. NORSTOG, Willow Run, Botany.
 HERBERT B. PAHL, Ann Arbor, Biochemistry.
 EDWARD H. POINDEXTER, Lansing, Physics.
 WILLIAM C. SAYRES, Detroit, Psychology.

¹ Fellowship declined.

WILLIAM G. SIMERAL, Ann Arbor, Physics.
 THOMAS F. WATERS, Hastings, Zoology.
 ARTHUR R. WOLCOTT, Lake City, Agriculture.

MINNESOTA

JOHN A. DAVISON, Minneapolis, Zoology.
 ESTON M. GROSS, St. Paul, Chemistry.
 ROBERT M. HEXTER,¹ St. Paul, Chemistry.
 JOHN R. HOLUM, Minneapolis, Chemistry.
 NAHMIN HORWITZ, Minneapolis, Physics.
 JOHN A. JOHNSON, Minneapolis, Biology.
 DONALD J. LEWIS, Adrian, Mathematics.
 GEORGE K. LINDBERG, Fairmont, Physics.
 LAWRENCE H. MASON, Rochester, Biochemistry.
 GEORGE PARSHALL, Minneapolis, Chemistry.
 RICHARD L. PYCHA, Virginia, Zoology.
 ROBERT J. TOMAN, Minneapolis, Chemistry.
 RICHARD A. ZEMLIN, Minneapolis, Mathematics.

MISSISSIPPI

EDWARD E. GRACE, Corinth, Mathematics.

MISSOURI

WILLIAM H. ARNOLD, Jr., St. Louis, Physics.
 ROBERT L. BECKER, Kirkwood, Physics.
 STERLING G. BRADLEY, Springfield, Microbiology.
 WILLIAM E. COOLEY, Cape Girardeau, Chemistry.
 JULIAN C. EISENSTEIN,¹ Warrenton, Physics.
 H. C. GRIFFITH, Boonville, Mathematics.
 JAMES C. HAYWARD, Jr., St. Joseph, Engineering.
 EDWIN R. HILLER, Jr., Glendale, Engineering.
 HUGH H. ILTIS,¹ St. Louis, Biology.
 LESTER H. KRONE, Jr., Jennings, Engineering.
 MICHAEL W. LASALLE, Kansas City, Biochemistry.
 RICHARD E. PRIEST, Kansas City, Mathematics.

KENNETH L. RINEHART, Jr., Chillicothe, Chemistry.

SIDNEY D. RODENBERG, Richmond Heights, Biochemistry.

LOUIS J. TICHACEK, St. Louis, Engineering.

MONTANA

JOHN E. WHITESITT, Stevensville, Mathematics.

NEBRASKA

JAMES R. MUNKRES, Broadwater, Mathematics.

NEW HAMPSHIRE

BRUCE W. KNIGHT, Jr., Hanover, Physics.
 ELWYN R. LOVEJOY, Nashua, Chemistry.

NEW JERSEY

SIMON L. AUSTER, Highland Park, Biochemistry.

DONALD R. BAKER, Princeton, Geology.

GEORGE L. BATE, Bergenfield, Geology.

PHYLLIS A. BENNETT,¹ Avon, Biochemistry.

JOSEPH M. COOK, Summit, Mathematics.

LEONARD FINKEL, Highland Park, Engineering.

HAROLD M. FOSTER, Fair Lawn, Chemistry.

THOMAS N. K. GODFREY, Princeton, Physics.

OSCAR W. GREENBERG, Newark, Physics.

MARK A. HEALD, Princeton, Physics.

CARL S. HERZ, Pennington, Mathematics.

ROBERT D. KREBS, Nutley, Agriculture.

JOHN PETER LAZURUS, Long Branch, Physics.

MILTON LEVY, Newark, Physics.

DAVID N. LIMBER, Morris Plains, Astronomy.

SOLOMON L. LINDER, Bayonne, Physics.

JOHN P. MAYBERRY, Princeton, Mathematics.

ROBERT M. MAZO, Camden, Chemistry.

RICHARD H. MILBURN, Newark, Physics.

ROBERT M. MILLER, Tenafly, Chemistry.

JOHN W. MILNOR, Maplewood, Mathematics.

JOSHUA E. NEIMARK, Elberon, Engineering.

¹ Fellowship declined.

W. BARRY NIXON, Woodstown, Engineering.

BURTON RICHTER, Paterson, Physics.

JOHN C. SLONCZEWSKI, Summit, Physics.

FRANCIS G. STEHLI, Upper Montclair, Geology.

DONALD L. STRUVE, Freehold, Chemistry.

GEORGE S. SUTHERLAND, Princeton, Engineering.

WILLIAM G. ZOELLNER, East Orange, Chemistry.

WARREN J. WITTEICH, Princeton, Psychology.

NEW MEXICO

RICHARD C. DOVE, Albuquerque, Engineering.

JOHN K. S. WALTER, Jr., Santa Fe, Engineering.

NEW YORK

LEONARD G. ABRAHAM, Jr., Ithaca, Engineering.

DAVID E. ALBURGER, Brookhaven, Physics.

SEYMOUR ARONSON, Brooklyn, Chemistry.

ROBERT AUERBACH, New York, Genetics.

ROBERT J. AUMANN, Brooklyn, Mathematics.

EMANUEL BASKIR, Brooklyn, Physics.

ANATOLE BECK, Bronx, Mathematics.

MURRAY BERDICK, New York, Chemistry.

JOAN B. BERKOWITZ, Brooklyn, Chemistry.

JOSEPH BERKOWITZ, Bronx, Engineering.

LEWIS M. BERKOWITZ, Bronx, Chemistry.

HARRY H. BINGHAM, Jr., New York, Physics.

ABBY BONIME, New York, Psychology.

BARBARA P. BROWN, New York, Zoology.

LAURIE M. BROWN, Brooklyn, Physics.

DAVID CHALFIN, Bronx, Biochemistry-Physiology.

ADOLPH I. COHEN, Brooklyn, Biology.

CAROLYN COHEN, New York, Biochemistry.

MICHAEL COHEN, New York, Physics.

NAOMI K. COHN, Syracuse, Microbiology.

RANE L. CURL, Staten Island, Engineering.

ROBERT A. DARROW, Solvay, Biochemistry.

VERA R. DEMEREC, Cold Spring Harbor, Zoology.

STANLEY DESER, Brooklyn, Physics.

FRANK FEINER, Rego Park, Long Island, Physics.

GARY FELSENFELD, New York, Chemistry.

IRVING I. FINGER, Brooklyn, Zoology.

ISIDORE B. FLEISCHER,¹ Brooklyn, Mathematics.

MAXINE FRANK, Brooklyn, Biochemistry.

WILLIAM M. FRANK, Brooklyn, Physics.

HAROLD P. FURTH, New York, Physics.

WALTER G. GALL, Rochester, Chemistry.

JEROME GAVIS, Brooklyn, Chemistry.

HERBERT GELERNTER, Brooklyn, Physics.

JAMES M. GERE, Troy, Engineering.

ROBERT H. GIBBS, Jr., Ithaca, Zoology.

GEORGE GIOUMOUSIS, Brooklyn, Chemistry.

ALAN J. GOLDMAN, Brooklyn, Mathematics.

PETER GOLDMAN, New York, Biochemistry.

ERIC N. GOLDSCHMIDT,¹ Riverdale, Chemistry.

LESTER GOLDSTEIN,¹ Brooklyn, Biochemistry.

CHARLES M. GREENE, Corning, Mathematics.

MARJORIE E. GROESBECK, Hornell, Zoology.

LEONARD GROSS, Flushing, Long Island, Physics.

EVERETT M. HAFNER, Upton, Physics.

WILTON A. HARDY, New York, Physics.

NICHOLAS J. HARITATOS, Rome, Engineering.

CHARLES E. HECHT, Brooklyn, Chemistry.

HERMAN L. HELFER, New York, Astronomy.

DANIEL D. HENDLEY, New York, Biochemistry.

ROY W. HENDRICK, Jr., Buffalo, Physics.

LEONARD A. HERZENBERG, Brooklyn, Biochemistry.

JACK HILIBRAND, New York, Engineering.

DAVID A. HILL, Syracuse, Physics.

ROBERT B. HILL, Troy, Biochemistry.

RICHARD L. HINMAN,¹ Utica, Chemistry.

¹ Fellowship declined.

- CHARLES A. HONIGSBERG, Brooklyn, Engineering.
- BRINDELL HORELICK, New York, Mathematics.
- PAUL HOROWICZ, New York, Biochemistry.
- JACK HOROWITZ, New York, Biochemistry.
- LAWRENCE P. HORWITZ, Forest Hills, Physics.
- BENJAMIN M. JOHNSON, Minerva, Engineering.
- FRED H. KANT, Bronx, Engineering.
- CHARLES J. KAUFMAN, New York, Mathematics.
- PAUL J. KELLOGG, Ithaca, Physics.
- ROGER G. KETCHAM,¹ New Hartford, Chemistry.
- BERTRAM KOSTANT, Brooklyn, Mathematics.
- ARNOLD G. KRAMER, Mount Vernon, Physics.
- HERBERT C. KRANZER,¹ New York, Mathematics.
- WILLIAM E. M. LANDS, New Baltimore, Biochemistry.
- NORMAN LAZAROFF, Brooklyn, Microbiology.
- DANIEL LEDNICER, Tuckahoe, Chemistry.
- MARIE LESNICK, Brooklyn, Mathematics.
- CARL A. LEVINSON, New York, Physics.
- RICHARD C. LEWONTIN, Flushing, Genetics.
- DAVID B. LUDLUM, Rockville Centre, Chemistry.
- PAUL R. McISAAC, Ithaca, Engineering.
- GUIDO V. MARINETTI, Rochester, Biochemistry.
- PAUL C. MARTIN, Long Island, Physics.
- ARTHUR P. MATTUCK, Brooklyn, Mathematics.
- LAURA C. MAURER, Rockville Centre, Physics.
- JEAN-PIERRE G. MEYER, New York, Mathematics.
- ROBERT L. MILLS, Orangeburg, Physics.
- MARTIN H. MOYNIHAN, Buffalo, Zoology.
- ROBERT E. MOYNIHAN, Batavia, Chemistry.
- JOSEPH E. NELSON, New York, Mathematics.
- DONALD J. NEWMAN, Bronx, Mathematics.
- JACK A. OFFENBACH, Schenectady, Chemistry.
- JOHN M. OLSON, Niagara Falls, Biochemistry.
- JOHN F. PARDO, New York, Engineering.
- LEONARD M. PASSANO, Staten Island, Biology.
- ARMIN R. PERRY, Jr., Buffalo, Biochemistry.
- EMANUEL PARZEN, Concourse, Mathematics.
- RICHARD J. PLOCK, Freeport, Chemistry.
- HOPE H. PUNNETT, Buffalo, Botany.
- STUART A. RICE, Bronx, Chemistry.
- WALTER G. ROSEN, Forest Hills, Botany.
- MALVIN A. RUDERMAN, Brooklyn, Physics.
- LEO SARTORI, Bay Shore, Physics.
- MALCOLM P. SAVEDOFF, New York, Physics.
- MIRIUM SCHAPIRO, New York, Mathematics.
- SILVAN S. SCHWEBER, Brooklyn, Physics.
- GEORGE B. SELIGMAN, Attica, Mathematics.
- ANDREW M. SESSLER, Jamaica, Physics.
- JACOB SHAPIRO, Rochester, Biochemistry.
- FRANK STERN, New York, Physics.
- JOHN C. STEWART, New York, Physics.
- JOSEPH SUCHER, Brooklyn, Physics.
- FRED SUPNICK, New York, Mathematics.
- GEORGE W. SUTTON, Brooklyn, Engineering.
- ARTHUR TAUB, Brooklyn, Biochemistry.
- HERBERT M. TEAGER, Brooklyn, Engineering.
- WERNER ULRICH, New York, Engineering.
- PHILIP TEITELBAUM, Brooklyn, Psychology.
- RICHARD J. TURYN, Long Island City, Mathematics.
- JAMES R. TROYER, New York, Botany.
- PATRICK N. WALSH, Bronx, Chemistry.
- ROGER WEINBERG, New York, Genetics.
- JOHN WERMER, New York, Mathematics.
- GROSVENOR S. WICH, Herkimer, Chemistry.
- VICTOR J. WILSON, New York, Biochemistry.

¹ Fellowship declined.

BERTRAM WOLFE, Bronx, Physics.
BARBARA C. WOLFF, Flushing, Biochemistry.
HOWARD E. WOODIN, Scotia, Botany.
MICHAEL B. YARMOLINSKY, New York, Biochemistry.

NORTH CAROLINA

DOUGLAS R. ALLENSON, Durham, Chemistry.
WESLEY O. DOGGETT, Brown Summit, Engineering.
WILLIAM M. HOOKE, Greensboro, Physics.
FRANCIS C. HOWELL, Asheville, Anthropology.
HARVEY E. LEHMAN, Chapel Hill, Biology.
JOHN W. NIESTLIE, Jr., Winston-Salem, Engineering.
HERTHA D. E. SPONER,¹ Durham, Physics.
ROBERT P. UPCHURCH, Nashville, Agriculture.
JOSEPH M. WEAVER, Weaverville, Engineering.
CHARLES E. WINSLOW, Jr., Raleigh, Engineering.

NORTH DAKOTA

WALLACE E. LA BERGE, Grafton, Zoology.

OHIO

KENNETH B. ARMITAGE, Steubenville, Zoology.
TED G. BERLINCOURT,¹ Fremont, Physics.
ROBERT L. BIRKMEIER, Cincinnati, Chemistry.
JAMES A. CAMPBELL,¹ Oberlin, Chemistry.
BASIL CURNUTTE, Jr., Worthington, Physics.
SHERRY P. DOBROW, Akron, Chemistry.
MARSHALL P. ERNSTENE, Cleveland, Physics.
ALVIN E. FEIN, Cleveland Heights, Physics.
CASIMIR T. GRABOWSKI, Cleveland, Zoology.
WAYNE B. HADLEY, Farmdale, Chemistry.
THOMAS E. HUMPHREYS, Hudson, Botany.
WILLIAM H. KASNER, Killbuck, Physics.

ROBERT R. KOHN, Shaker Heights, Biochemistry.
WILLIAM L. McLEISH, Cincinnati, Chemistry.
STEWART H. MERRILL, Andover, Chemistry.
RAYMOND E. METTER, Columbus, Geology.
MICHAEL D. MORLEY, Youngstown, Mathematics.
GEORGE R. MURRAY, Jr., Dayton, Physics.
ROBERT K. NESBET, Lakewood, Chemistry.
WILLIAM E. RANZ, Blue Ash, Engineering.
LAWRENCE J. SCHAAD, Wellston, Chemistry.
GILBERT C. SCHMIDT, Cincinnati, Biology.
RUFUS M. STILES, Manchester, Chemistry.
WILLIAM TOBOCMAN, Shaker Heights, Physics.
ANDREW A. WEAVER, Wooster, Zoology.
EDWARD E. ZAJAC, Cleveland, Engineering.

OKLAHOMA

LESLIE C. CASE, Tulsa, Engineering.
ROBERT J. DUNHAM, Tulsa, Geology.
WALTER C. HAMILTON, Stillwater, Chemistry.
JOSEPH P. HULL, Jr., Tulsa, Geology.
PAUL B. McCAY, Muskogee, Biochemistry.
BUFORD D. SMITH, Omega, Engineering.

OREGON

DENNIS MCK. ASPINWALL, Bend, Engineering.
JOHN C. GODFREY, Tigard, Chemistry.
MARGERY P. GRAY, Eugene, Anthropology.
RALPH W. KAVANAGH, Eugene, Physics.
DONALD A. KOHLER, Springfield, Physics.
RUSSELL S. LEHMAN, Dayton, Mathematics.
ARTHUR E. LIVINGSTON, Eugene, Mathematics.
MICHAEL M. ROBISON,¹ Portland, Chemistry.
CLYDE M. SENGER, Portland, Microbiology.

¹ Fellowship declined.

ROBERT F. STEIDEL, Jr., Corvallis, Engineering.
 RICHARD C. THOMAS, Jr., Corvallis, Chemistry.

PENNSYLVANIA

WALTER L. BAILY, Jr., Waynesburg, Mathematics.
 EDWIN D. BECKER, Jr., Columbia, Chemistry.
 GLORIA W. BORECKY, Pittsburgh, Zoology.
 VICTOR H. COHN, Jr., Reading, Biochemistry.
 DONALD J. DENNEY, Glenolden, Chemistry.
 FRANK B. FAIRBANKS,¹ Pittsburgh, Engineering.
 JACOB FELDMAN, Philadelphia, Mathematics.
 MANUEL FINKELSTEIN, Scranton, Chemistry.
 MARILYN A. GAGE, Williamsport, Botany.
 H. NEWTON GARBER, Philadelphia, Engineering.
 SADIE GARRETT, Swarthmore, Chemistry.
 JOHN H. GAY, Drexel Hill, Mathematics.
 ROBERT E. HANDSCHUMACHER, Glenside, Biochemistry.
 WILLIAM R. HASEK, Pittsburgh, Chemistry.
 ROBERT W. JAROSS, Duryea, Chemistry.
 WILBUR LAKIN, Pittsburgh, Physics.
 LAWRENCE G. LANG, Pittsburgh, Physics.
 THEODOR A. LISS, Temple, Chemistry.
 JOHN D. MCGERVEY, Pittsburgh, Physics.
 PAUL S. MARTIN, West Chester, Zoology.
 THRYGVE R. MEEKER, Pottstown, Chemistry.
 THOMAS N. MORGAN, West Grove, Physics.
 LEROY W. MORROW, Brownsville, Biochemistry.
 HARRIS S. MOYED, Philadelphia, Microbiology.
 JOHN S. NODVIK, Canonsburg, Mathematics.
 ALEXANDER LEF. PUGH III, Bala-Cynwyd, Engineering.
 HERBERT SCARF, Philadelphia, Mathematics.

IRVING H. SHER, Philadelphia, Biochemistry.
 CARL E. SHERRICK, Jr., Carnegie, Psychology.
 STANLEY STEIN, Philadelphia, Physics.
 THOMAS R. STENGLE, Lancaster, Chemistry.
 ROBERT D. TEETERS, Philadelphia, Engineering.
 JOHN H. WEIKEL, Jr., Palmerton, Biochemistry.
 EDWARD D. WEIL, Philadelphia, Chemistry.
 KURT F. WISSBRUN, Philadelphia, Chemistry.
 JOSEPH S. YUDELSON, Philadelphia, Chemistry.
 WILLIAM ZIMMERMANN, Jr., Wyncote, Physics.

RHODE ISLAND

ROBERT M. BOYNTON,¹ Providence, Psychology.

SOUTH CAROLINA

WILLIAM P. CAVIN, Spartanburg, Chemistry.

SOUTH DAKOTA

CHARLES D. ANDERSON, Sturgis, Chemistry.
 ANNE HOFFMANN, Pierre, Microbiology.
 MELVIN H. RICE, Sisseton, Physics.
 JAMES W. RICHARDSON, Sioux Falls, Chemistry.

TENNESSEE

HARVEY L. DIXON, West Point, Engineering.
 THEODORE M. HALLMAN, Oak Ridge, Engineering.
 WENDELL G. HOLLADAY, Huntingdon, Physics.
 MARGARET J. OWEN, Bristol, Biochemistry.
 LEE S. RICHARDSON, Oak Ridge, Engineering.

TEXAS

ROBERT D. BIGGS, Wichita Falls, Engineering.

¹ Fellowship declined.

ROBERT D. CHENOWETH, College Station, Engineering.

JAMES W. CRONIN, Dallas, Physics.

MASIL B. DANFORD, Buffalo, Mathematics.

PAUL L. DONOHO, Houston, Physics.

DANIEL O. ETTER, Fort Worth, Mathematics.

BETTY L. GEALY, Corpus Christi, Geology.

JOHN R. HILL,¹ Edcouch, Biochemistry.

LEON KRAINTZ, Houston, Biochemistry.

ERNEST L. LUNDELIUS, Jr., Austin, Geology.

ULRICH MERTEN, Houston, Chemistry.

JAMES R. SMITH, Houston, Physics.

JAMES C. WILHOIT, Jr., Houston, Engineering.

UTAH

EARL M. CHRISTENSEN, Provo, Botany.

CHARLES E. JACOB, Salt Lake City, Geology.

EDWARD P. PALMER, Cedar City, Physics.

RICHARD B. SELANDER, Salt Lake City, Zoology.

ROBERT K. SELANDER, Salt Lake City, Zoology.

VIRGINIA

RICHARD L. BERNARD, Williamsburg, Agriculture.

COLIN L. BROWNE, Charlottesville, Chemistry.

JOSEPH CALLAWAY, Alexandria, Physics.

JOHN C. DALTON, Bluefield, Zoology.

WILLIAM H. DARNELL, Harrisonburg, Engineering.

WILLARD F. DAY, Fair Harbor, North, Psychology.

JAMES T. KOFRON, Jr., Petersburg, Chemistry.

RICHARD F. LACEY, Arlington, Physics.

FRANK G. LESURE, Rustburg, Geology.

HARRY R. POWERS, Jr., Norfolk, Agriculture.

CHARLES P. THORNTON,¹ Norfolk, Geology.

VERMONT

JOHN B. FRALEIGH, Burlington, Mathematics.

WASHINGTON

PHILIP A. CRUICKSHANK, Blaine, Chemistry.

FRANCIS H. HARLOW, Jr., Seattle, Physics.

THERAN D. PARSONS, Seattle, Chemistry.

JOHN H. RUMELY, Pullman, Botany.

WEST VIRGINIA

RICHARD R. BOND, Salem, Zoology.

ORLEY T. LAW, Jr., Bridgeport, Psychology.

SYLVAN M. SAX, Wheeling, Chemistry.

DONALD M. SIMONS, Buckhannon, Chemistry.

ROBERT V. SPERRY,¹ McArthur, Engineering.

WISCONSIN

AARON I. GALONSKY, Madison, Physics.

MARJORIE A. GILBERT, Brodhead, Biochemistry.

EUGENE R. JOLLY, Madison, Biochemistry.

CHARLES C. LAING, Milwaukee, Botany.

URBAN J. LEWIS, Jr.,¹ Madison, Biology.

WAYNE E. MAGEE, Madison, Biochemistry.

DONALD LLOYD PETITJIAN,¹ Madison, Chemistry.

MARC H. ROSS, Madison, Physics.

PAUL W. SCHMIDT, Madison, Physics.

PHYLLIS L. WEISEL, Milwaukee, Botany.

GERALD A. WEMPNER, West Allis, Engineering.

DONALD B. WETLAUFER, Madison, Biochemistry.

FRANK O. WYSE, Milwaukee, Mathematics.

WYOMING

RICHARD E. CUTKOSKY, Cheyenne, Physics.

HAWAII

DOROTHEA BENNETT, Honolulu, Zoology.

¹ Fellowship declined.

INSTITUTIONS ATTENDED BY NATIONAL SCIENCE FOUNDATION FELLOWS AS UNDERGRADUATES AND GRADUATE STUDENTS

<i>Institution and location</i>	<i>Number of fellows attending</i>		<i>Institution and location</i>	<i>Number of fellows attending</i>	
	<i>As under-graduates</i>	<i>As graduate students</i>		<i>As under-graduates</i>	<i>As graduate students</i>
Abilene Christian College, Abilene, Tex.	1		California Institute of Technology, Pasadena, Calif.	18	31
Amherst College, Amherst, Mass.	3		Cambridge University, Cambridge, England	1	6
Antioch College, Yellow Springs, Ohio	1		Canisius College, Buffalo, N. Y.	1	
Arizona State College, Flagstaff, Ariz.	1		Carleton College, Northfield, Minn.	1	
Baker University, Baldwin, Kans.	2		Carnegie Institute of Technology, Pittsburgh, Pa.	9	7
Barnard College, New York, N. Y.	3		Case Institute of Technology, Cleveland, Ohio	4	
Bates College, Lewiston, Maine	1		Central College, Fayette, Mo.	1	
Beloit College, Beloit, Wis.	1		Cincinnati College of Engineering, Cincinnati, Ohio.	1	
Berea College, Berea, Ky.	1		Clark University, Worcester, Mass.	1	
Bermuda Biological Station, Bermuda		1	Colgate University, Hamilton, N. Y.	1	
Bethany College, Bethany, W. Va.	1		College of the City of New York, New York, N. Y.	13	
Birmingham-Southern College, Birmingham, Ala.	1		College of Wooster, Wooster, Ohio	2	
Boston College, Chestnut Hill, Mass.		1	Colorado A & M, Fort Collins, Colo.	1	
Boston University, Boston, Mass.	1	1	Colorado College, Colorado Springs, Colo.	1	
Bowdoin College, Brunswick, Maine	2		Columbia University, New York, N. Y.	8	23
Brigham Young University, Provo, Utah	1		Cooper Union Institute of Technology, New York, N. Y.	1	
British Museum of Natural History, London, England			Cornell University, Ithaca, N. Y.	20	14
Brooklyn College, Brooklyn, N. Y.	10		Danish Geological Survey, Charlottelund, Denmark		1
Brooklyn Polytechnic Institute, Brooklyn, N. Y.	3	2	Dartmouth College, Hanover, N. H.	3	
Brown University, Providence, R. I.	1		De Pauw University, Greencastle, Ind.	3	
Bryn Mawr College, Bryn Mawr, Pa.	3		Drexel Institute of Technology, Philadelphia, Pa.	1	
Bucknell University, Lewisburg, Pa.	1				

NOTE.—Number of undergraduates in each entry represents fellowship awards, while number of graduate students represents fellows now actually in graduate school. The total number in the latter category is somewhat smaller than the former because of declinations.

INSTITUTIONS ATTENDED BY NATIONAL SCIENCE FOUNDATION FELLOWS AS UNDERGRADUATES AND GRADUATE STUDENTS—COD.

<i>Institution and location</i>	<i>Number of fellows attending</i>		<i>Number of fellows attending</i>	
	<i>As under-graduates</i>	<i>As graduate students</i>	<i>As under-graduates</i>	<i>As graduate students</i>
Duke University, Durham, N. C.	1	1		
Eastern Illinois State Teachers College, Charleston, Ill.				
Elmira College, Elmira, N. Y.	1			
Emory University, Emory, Ga.	1	1		
Farmington State Teachers College, Farmington, Maine.				
Federal Institute of Technology, Zurich, Switzerland.	1			
Fordham University, New York, N. Y.	1	1		
Franklin & Marshall College, Lancaster, Pa.	2			
Fresno State College, Fresno, Calif.	1			
G. Verga Istituto, Italy.				
George Washington University, Washington, D. C.	3			
Georgia Institute of Technology, Atlanta, Ga.	1	2		
Hamilton College, Clinton, N. Y.	1			
Harvard University, Cambridge, Mass.	32	39		
Haverford College, Haverford, Pa.	1			
Hope College, Holland, Mich.	1			
Howard College, Birmingham, Ala.	1			
Illinois Institute of Technology.	4	2		
Indiana University, Bloomington, Ind.	2	6		
Institute for Advanced Study, Princeton, N. J.		4		
Iowa State College, Ames, Iowa.	2	3		
Johns Hopkins University, Baltimore, Md.	5	18		
Kalamazoo College, Kalamazoo, Mich.	1			
Lafayette College, Easton, Pa.			1	
Lawrence College, Appleton, Wis.			1	
Lehigh University, Bethlehem, Pa.			4	
Louisiana Polytechnic Institute, Ruston, La.			1	
Louisiana State University, Baton Rouge, La.			1	
Loyola College, Baltimore, Md.			1	
Luther College, Decorah, Iowa.			1	
Maryville College, Maryville, Tenn.			1	
Massachusetts Institute of Technology, Cambridge, Mass.			33	51
Merrimack College, Andover, Mass.			1	
Michigan State College, East Lansing, Mich.			4	2
Montana State University, Missoula, Mont.			1	
Mt. Holyoke College, Mt. Holyoke, Mass.			1	
Muhlenberg College, Allentown, Pa.			1	
Nebraska Wesleyan, Lincoln, Nebr.			1	
New Mexico School of Mines, Socorro, N. Mex.			1	
New York State Teachers College, Albany, N. Y.			1	
New York University, New York, N. Y.			7	2
Nobel Institute of Physics, Stockholm, Sweden.				1
North Carolina State College, Raleigh, N. C.			5	7
Northwestern University, Evanston, Ill.			3	3
Oberlin College, Oberlin, Ohio.			11	
Ohio State University, Columbus, Ohio.			8	6
Oklahoma A & M, Stillwater, Okla.			2	

Oregon State College, Corvallis, Oreg.....	2	1	Texas Christian University, Fort Worth, Tex.....	1
Oxford University, Oxford, England.....	1	2	Trinity College, Hartford, Conn.....	2
Pennsylvania Military College, Chester, Pa.....	1	.....	Tufts College, Medford, Mass.....	4
Pomona College, Claremont, Calif.....	6	.....	Tulane University, New Orleans, La.....	1
Princeton University, Princeton, N. J.....	8	32	Union College, Albany, N. Y.....	4
Purdue University, LaFayette, Ind.....	5	10	U. S. Merchant Marine Academy, Kings Point, N. Y.....	1
Queens College, New York, N. Y.....	2	.....	U. S. Naval Academy, Annapolis, Md.....	2
Queens University, London, Ontario, Canada.....	.....	1	University of Alabama, Tuscaloosa, Ala.....	1
Radcliffe College, Cambridge, Mass.....	3	7	University of Bern, Bern, Switzerland.....	.....
Reed College, Portland, Ore.....	4	.....	University of Buffalo, Buffalo, N. Y.....	1
Rensselaer Polytechnic Institute, Troy, N. Y.....	4	.....	University of California, Berkeley, Los Angeles, Davis, Calif.....	15
Rice Institute, Houston, Tex.....	3	2	Universidad del Cauca, Popayan, Colombia.....	1
Ripon College, Ripon, Wis.....	1	.....	University of Chicago, Chicago, Ill.....	22
Rutgers University, New Brunswick, N. J.....	.....	2	University of Cincinnati, Cincinnati, Ohio.....	2
St. Lawrence University, Canton, N. Y.....	2	.....	University of Colorado, Boulder, Colo.....	3
St. Michael's College, Winoochi Park, Vt.....	1	.....	University of Connecticut, Storrs, Conn.....	1
St. Olaf College, Northfield, Minn.....	4	.....	University of Copenhagen, Copenhagen, Denmark.....	.....
St. Thomas College, St. Paul, Minn.....	3	.....	University of Delaware, Newark, Del.....	.....
Salem College, Salem, W. Va.....	1	.....	University of Detroit, Detroit, Mich.....	1
San Diego State College, San Diego, Calif.....	1	.....	University of Florida, Gainesville, Fla.....	4
Simmons College, Boston, Mass.....	1	.....	University of Georgia, Athens, Ga.....	1
South Dakota School of Mines and Technology, Rapid City, S. Dak.....	2	.....	University of Illinois, Urbana, Ill.....	11
Southern Methodist University, Dallas, Tex.....	2	.....	University of Iowa, Iowa City, Iowa.....	.....
Southwest Missouri State, Springfield, Mo.....	1	.....	University of Kansas, Lawrence, Kans.....	3
Stanford University, Stanford, Calif.....	12	19	University of Kentucky, Lexington, Ky.....	1
State College of Washington, Pullman, Wash.....	2	.....	University of Leiden, Leiden, The Netherlands.....	.....
Swarthmore College, Swarthmore, Pa.....	14	.....	University of Lund, Lund, Sweden.....	1
Syracuse University, Syracuse, N. Y.....	2	1	University of Maryland, College Park, Md.....	1
Temple University, Philadelphia, Pa.....	2	.....	University of Massachusetts, Amherst, Mass.....	3
Texas A & M., College Station, Tex.....	1	.....	

INSTITUTIONS ATTENDED BY NATIONAL SCIENCE FOUNDATION FELLOWS AS UNDERGRADUATES AND GRADUATE STUDENTS—CON.

<i>Institution and location</i>	<i>Number of fellows attending</i>		<i>Number of fellows attending</i>	
	<i>As under-graduates</i>	<i>As graduate students</i>	<i>As under-graduates</i>	<i>As graduate students</i>
University of Michigan, Ann Arbor, Mich.	8	18	1	1
University of Minnesota, Minneapolis, Minn.	8	10	1	1
University of Missouri, Columbia, Mo.	1	1	1	1
University of North Carolina, Chapel Hill, N. C.	2	3	1	1
University of North Dakota, Grand Forks, N. Dak.	1	1	1	1
University of Notre Dame, South Bend, Ind.	3	1	4	4
University of Oklahoma, Norman, Okla.	2	1	1	1
University of Oregon, Eugene, Oreg.	3	1	1	1
University of Pennsylvania, Philadelphia, Pa.	4	7	5	4
University of Pittsburgh, Pittsburgh, Pa.	4	4	1	1
University of Rochester, Rochester, N. Y.	5	7	3	3
University of San Francisco, San Francisco, Calif.	1	1	1	1
University of the South, Sewanee, Tenn.	1	1	1	1
University of South Dakota, Vermillion, S. Dak.	1	1	1	1
University of Texas, Austin, Texas.	3	2	2	2
University of Toronto, Toronto, Canada.	1	1	2	2
University of Utah, Salt Lake City, Utah.	5	2	2	2
University of Vermont, Burlington, Vt.	1	1	2	2
University of Virginia, Charlottesville, Va.	2	4	1	1
University of Washington, Seattle, Wash.	6	6	4	4
University of Wisconsin, Madison, Wis.	7	29	3	3
Ursinus College, Collegeville, Pa.				
Utah State Agricultural College, Logan, Utah.				
Valparaiso University, Valparaiso, Ind.				
Vanderbilt University, Nashville, Tenn.				
Vassar College, Poughkeepsie, N. Y.				
Virginia Polytechnic Institute, Blacksburg, Va.				
Wabash College, Crawfordsville, Ind.				
Washington University, St. Louis, Mo.				
Washington and Jefferson College, Washington, Pa.				
Wesleyan University, Middletown, Conn.				
West Virginia Wesleyan, Buckhannon, W. Va.				
Western Kentucky State Teachers College, Bowling Green, Ky.				
Western Reserve University, Cleveland, Ohio.				
Williams College, Williamstown, Mass.				
Wofford College, Spartanburg, S. C.				
Woods Hole Marine Biological Laboratory, Woods Hole, Mass.				
Worcester Polytechnic Institute, Worcester, Mass.				
Yale University, New Haven, Conn.				
Yeshiva University, New York, N. Y.				